

Submittal Requirements

SECTION	TITLE	SUBMITTAL REQUIRED	EXTENDED WARRANTY	CERTIFICATE REQUIRED	CERTIFICATION REQUIRED	QUALIFICATIONS	TRAINING OF VA STAFF	SPARE PARTS
02 82 11	Asbestos Abatement	X		Worker / training / decontamination / CPIH / Supervisors / Completion / Compliance	X			
03 30 00	Cast-in-Place Concrete	X	15 yr for sealer	Products; fly ash testing				
04 05 13	Masonry Mortaring	X		Products / Testing				
04 05 16	Masonry Grouting	X		Products / Testing				
04 20 00	Unit Masonry	X	5 yr	Products / Testing				
05 12 00	Structural Steel Framing	X		Products				
05 31 00	Steel Decking	X		Products				
05 36 00	Composite Metal Decking	X		Products				
05 50 00	Metal Fabrications	X		Annodized Finish/Live Load Designs				
05 51 00	Metal Stairs	X						
05 51 19	Metal Grating Stairs	X		Welding				
06 40 23	Interior Architectural Casework	X		Product	X			
07 17 00	Bentonite Waterproofing	X	3 yr	Material				
07 21 13	Thermal Insulation	X		Product				
07 22 00	Roof and Deck Insulation	X		Product				
07 24 00	Exterior Insulation and Finish System	X	10 yr					
07 27 26	Fluid-Applied Membrane Air Barrier, Vapor Permeable	X	2 yr		X	X		
07 42 64	Plate and Metal Composite Wall Panels	X	defects-2 yr finish-10 yr					
07 54 19	Polyvinyl-Chloride (PVC) Roofing	X	10 yr					
07 60 00	Flashing and Sheet Metal	X		Product				
07 72 00	Roof Accessories	X		Anodizing				
07 84 00	Firestopping	X	5 yr		X			
07 92 00	Joint Sealants	X	2 yr			X		
07 95 13	Expansion Joint Cover Assemblies	X		Fire-rating				
08 11 13	Hollow Metal Dorrs and Frames	X						
08 14 00	Wood Doors	X	Lifetime of original installation	X	X			
08 31 13	Access Doors and Frames	X						
08 41 13	Aluminum-Framed Entrances and Storefronts	X		Anodizing	X			
08 44 13	Glazed Aluminum Curtain Walls	X	2 yr	Product / Welding	X	X		
08 71 00	Locks, latchsets & panic devices	X	5 yr	Hardware				
08 71 00	Door closers & continuous hinges	X	10 yr	Hardware				
08 71 00	Door Hardware	X						

Facility uses Johns Mansville

Facility uses Hilti Fire Stopping

Facility uses Best Locks and Locksets

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08 71 13.11	Low Energy Power Assist Door Operators	X	2 yr		X	X		
08 80 00	Glazing	X	10 yr	X				
09 22 16	Non-structural Metal Framing	X						
09 29 00	Gypsum Board	X		Product				
09 30 13	Ceramic/Porcelain Tiling	X		Products	X			
09 51 00	Acoustical Ceilings	X		Products				
09 65 13	Resilient Base and Accessories	X						
09 65 19	Resilient Tile Flooring	X						
09 68 00	Carpeting	X	2 yr	Recycled material				
09 69 33	Low –Profile Height Access Floor	X		Performance		X		
09 91 00	Painting	X		Paint				
10 11 13	Chalkboards and Markerboards	X						
10 11 23	Tackboards	X						
10 14 15	Signage Identifying Devices - Interior Signs	X						
10 21 13	Toilet Compartments	X		Coating				
10 22 20	Demountable Metal Partitions	X						
10 23 39	Operable Partitions	X						
10 26 00	Wall and Door Protection	X						
10 28 00	Toilet Accessories	X		Anodizing				
10 44 13	Fire Extinguisher Cabinets	X						
12 36 00	Countertops	X						
13 34 25	Fabricated Canopies	X	5 yr	Welding				
21 05 11	Common Work results for Fire Suppression							
21 13 13	Wet-pipe Sprinkler System	X		Material & Testing		NICET certification		
22 05 11	Common Work Results for Plumbing			Welding		X	Operations and Maintenance of Hot Water Heater & Sensor Controlled Faucets	
22 05 19	Meters and Gages for Plumbing Piping	X		Product				
22 05 23	General Duty Valves for Plumbing Piping	X						
22 07 11	Plumbing Insulation	X						
22 11 00	Facility Water Distribution	X		Welding				
22 11 23	Domestic Water Pumps	X						
22 13 00	Facility Sanitary and Vent Piping	X		Testing				
22 14 00	Facility Storm Drainage	X						
22 31 11	Water Softeners	X		Performance / Product				
22 34 00	Fuel-Fired Domestic Water Heaters	X						
22 40 00	Plumbing Fixtures	X						
23 05 11	Common Work Results for HVAC & Steam Generation			Welding		Specialists in industrial and institutional HVAC	Operation & Maintenance of all HVAC related equipment	

Facility uses 2/90 signage system

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23 05 12	General Motor Requirements for HVAC & Steam Generation	X		Motors				
23 05 41	Noise and Vibration Control for HVAC Piping and Equipment	X						
23 05 93	Testing, Adjusting, and Balancing for HVAC	X			AABC or NEBB	Sub to contractor / certified by AABC or NEBB / 3 yr exp. in similar size & complexity		
23 07 11	HVAC and Boiler Plant Insulation	X						
23 08 00	Testing, Commissioning, and Demonstration			Pre-testing				
23 09 23	Direct-Digital Control System for HVAC	X		Product		3 yr experience	Controls	
23 11 23	Facility Natural-Gas Piping	X		Calibration				
23 21 13	Hydronic Piping	X		Welding / Test Reports	X		Installation Procedures	
23 21 23	Hydronic Pumps	X		Pump Ratings				One Spare seal & casing Gasket
23 23 00	Refrigerant Piping	X		Welding	X			
23 25 00	HVAC Water Treatment	X						
23 31 00	HVAC Ducts & Casings	X		Ribbed Ducts				
23 34 00	HVAC Fans	X	5 yr	Sound Power Levels / Fan Performance Curves	AMCA			
23 36 00	Air Terminal Units	X		Air-flow Control Devices	ARI (coils)			
23 37 00	Air Outlets and Inlets	X						
23 40 00	HVAC Air Cleaning Devices	X		HEPA Filters	ISO 9001			One complete set of filters
23 52 25	Low-pressure Water Heating Boilers	X		Testing				
23 74 13	Packaged, Outdoor, Central-Station Air Handling Units	X		AHU			Operation	
23 82 16	Air Coils	X		Product	AHRI / ARI			
26 05 11	Requirements for Electrical Installation			U. L. / Test Reports		Manufacturer: 3 yr / Product: 3 yr		
26 05 13	Medium-Voltage Cables	X		Testing		X		
26 05 19	Low-voltage Electrical Power Conductors and Cables	X		Material compliance				
26 05 26	Grounding and Bonding for Electrical Systems	X		Installation and testing				
26 05 33	Raceway and Boxes for Electrical Systems	X		Products				
26 05 39	Underfloor Raceways for Electrical Systems	X		Products				
26 05 41	Underground Electrical Construction	X		Products				
26 09 23	Lighting Controls	X		Products / Installation			Operation and Maintenance	

Facility uses Conserv/Johnson Controls

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26 12 19	Pad-Mounted, Liquid-Filled, Medium-Voltage Transformers	X		Products / Installation				Hot stick, medium voltage fuses, insulated protective caps
26 13 16	Medium-Voltage Fusible Interrupter Switches	X		Products / Installation				Spare fuses
26 23 00	Low-Voltage Switchgear	X		Products / Installation				
26 24 13	Distribution Switchboards	X		Products / Installation				
26 24 16	Panelboards	X		Products / Installation				
26 27 26	Wiring Devices	X		Products / Installation				
26 29 11	Motor Controllers	X		Products / Installation				Spare fuses
26 29 21	Enclosed Switches and Circuit Breakers	X		Products / Installation				Spare fuses
26 33 53	Static Uninterruptible Power Supply	X		Products / Installation				
26 36 23	Automatic Transfer Switches	X		Products / Installation				
26 41 00	Facility Lightning Protection	X		Products / Installation				
26 43 13	Surge Protective Devices	X		Products / Installation			Operation and Maintenance	
26 51 00	Interior Lighting	X		Products / Installation				
26 56 00	Exterior Lighting	X		Products / Installation				
27 05 11	Requirements for Communications			Test Reports		Manufacturer: 3 yr / Product: 3 yr		
27 05 26	Grounding & Bonding for Communications Systems	X		Ground Resistance / Test Reports / Installation				
27 05 33	Raceways & Boxes for Communication Systems	X		Installation				
27 08 00	Commissioning of Communication Systems						Operation and Maintenance	
27 10 00	Structured Cabling	X		Installation				
27 11 00	Comminications Equipment Room Fittings	X		Installation / Testing			Maintenance	
27 15 00	Communications Horizontal Canling	X		Installation / Testing			Maintenance	
27 41 31	Master Antenna Television Equipment and Systems	X		Completion of Training / Low Voltage Inspection		X	Operation	
27 51 16	Public Address & Mass Notification System	X	2 yr	Installation / Testing / Completion of Training		X	Operation	Listed in Part 2
27 52 31	Security Emergency Call, Duress Alarm, and Telecommunications	X		Installation / Testing / Completion of Training				
28 05 00	120 VAC Surge Suppression		10 yr Limited	FIPS 201 Compliance / Testing				
28 05 13	Conductors and Cables for Electronic Safety and Security	X		Compliance				
28 05 26	Grounding and Bonding for Electronic Safety and Security	X		Product / Testing				

Facility currently uses GE Facility Commander for Panic Alarms/Buttons

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28 05 28.33	Conduits and Backboxes for Electronic Safety and Security	X		Product / Testing				
28 08 00	Commissioning of Electronic Safety and Security Systems						Operation	
28 13 00	Physical Access Control System	X	1 yr - full / 19 yr pro-rata	Compliance for components / FIPS 201 Compliance / PIV			Operation and Maintenance	
28 23 00	Video Surveillance	X		Compliance / Installation			Operation and Maintenance	
28 26 00	Electronic Personal Protection System	X		Compliance				
28 31 00	Fire Detection and Alarm	X	2 yr	Installation / Control Unit compatibility / Wiring & Connection		System Operation & Maintenance	Operation and Maintenance	See Section 2.13 for list
31 63 16	Auger Cast Grout Piles	X						
32 05 23	Cement and Concrete for Exterior Improvements	X		Products				
32 12 16	Asphalt Paving	X		Products				
32 17 23	Pavement Markings	X		Products				
32 90 00	Planting	X		Material				
33 10 00	Water Utilities	X		Testing				
33 30 00	Sanitary Sewer Utilities	X						
33 40 00	Storm Drainage Utilities	X						

Facility uses HID multi-class readers that can read 80 bit and 128 bit cards currently controlled by Facility Commander. Current control panels are GE Interlogix.

Facility uses cameras currently controlled by Facility Commander Operating System.

Facility uses AADCO Inc. - Siemens XLS Voice