

SECTION 01 33 23
APPENDIX 1
MASTER SUBMITTAL LIST
revision 1: 2016-01-19

HDG #13008

Section	Submittal Group	Article	Description
01 33 23			THIS SECTION APPLIES TO ALL SUBMITTALS IN THE PROJECT SPECIFICATIONS
DIVISION 01			
01 00 00	1	1.5.D.1.	Electronic Security Memorandum
			Coordination Drawings (from Sheet GI001)
	2	1.6.H	Schedule of approximate sequencing dates
		1.12.C.	Two approved complete sets of as-built drawings submitted to COR within 15 calendar days of each phase completed
		3	1.20.B.
01 35 26	1	1.14.P	If required submit documentation to COR that personnel have been trained in fire safety aspects of working in areas with impaired structural or compartmentalization features
01 57 19	1	1.4.A.1.	Environmental Protection Plan
01 74 19	1	1.5.B.	Written demolition debris management plan
		1.5.D.	Monthly summary of construction and demolition debris diversion and disposal
DIVISION 02			
02 41 00			
DIVISION 03			
03 53 00			
DIVISION 04			
DIVISION 05			
05 50 00	1	1.3.B.	Manufacturers Literature and Data
		1.3.C.	Shop Drawings
		1.3.D.	Manufacturers Certificates
		1.3.E.	Design Calculations for specified live loads including dead loads
		1.3.F.	Furnish setting drawings and instructions for installation of anchors to be preset into concrete masonry work
DIVISION 06			
06 10 00	1	1.3.B.	Shop Drawings
06 20 00	1	1.3.B.	Shop Drawings
		1.3.C.	Samples
		1.3.D.	Certifications
		1.3.E.	List of Acceptable sealers for fire retardant and preservative treated materials
		1.3.F.	Manufacturers Literature and Data
DIVISION 07			
07 13 00	1	1.3.B	Manufacturers Literature and Data
		1.3.C	Manufacturers Certificates
		1.3.D	Samples
07 21 00	1	1.2.A	Product Data
		1.2.B	Product Test Reports
07 21 13	1	1.3.B	Manufacturer's literature and data.
		1.3.C	Certificates
07 84 00	1	1.3.B.	Manufacturers literature, data, and installation instructions for types of Firestopping and smoke stopping used
		1.3.C.	List of FM, UL, or WH classification number of systems installed

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		1.3.D.	Certified laboratory test reports for ASTM E814 test for systems not listed by FM, UL, or WH proposed for use
		1.5.	Warranty
07 92 00	1	1.4.B.	Manufacturers installation instructions for each product used
		1.4.C.	Cured samples of exposed sealants for each color where required to match adjacent material
		1.4.D.	Manufacturers Literature and Data
		1.8.	Warranty
	2	1.3.F.	Mock-Up
DIVISION 08			
08 11 13	1	1.4.B.	Manufacturers Literature and Data
08 14 00	1	1.3.B.	Samples
		1.3.C.	Shop Drawings
		1.3.D.	Manufacturers Literature and Data
		1.3.E.	Laboratory Test Reports
		1.4.	Warranty
08 14 23	1	1.3.B.	Samples
		1.3.C.	Shop Drawings
		1.3.D.	Manufacturers Literature and Data
		1.3.E.	Laboratory Test Reports
		1.4.	Warranty
08 17 10	1	1.5.A	Shop Drawings
		1.5.B	Installation Details, Required Templates
		1.5.C	Samples
		1.5.D	Owner Manual, Instruction Sheets and Installation
08 56 19			
08 71 00	1	1.4.	Warranty
		1.5.	Maintenance Manuals
		1.6.B.	Hardware Schedule
		1.6.C.	Samples and Manufacturers Literature
		1.6.D.	Certificate of Compliance and Test Reports
	2	1.8.	Pre-Installation Meeting
08 71 13	1	1.4	Warranty
		1.6.B	Manufacturer's literature and data
		1.6.C	Shop Drawings
		1.6.D	Compliance Statement
	2	1.5	Maintenance Manuals
	3	3.2	Installer Instructions to VA Personnel
08 80 00	1	1.5.B.	Manufacturers Certificates
		1.5.C.	Warranty
		1.5.D.	Manufacturers Literature and Data
		1.5.F.	Preconstruction Adhesion and Compatibility Test Report
		1.8.	Warranty
08 81 13	1	1.3.A.	Product Data
		1.3.B	Shop Drawings
		1.3.C	Samples
DIVISION 09			
09 22 16	1	1.4.B.	Manufacturers Literature and Data
		1.4.C.	Shop Drawings
09 29 00	1	1.4.B.	Manufacturers Literature and Data
		1.4.C.	Shop Drawings
		1.4.D.	Samples
		1.4.E.	Test Results
09 30 13	1	1.3.B.	Samples

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		1.3.C.	Product Data
		1.3.D.	Certification
09 51 00	1	1.3.B.	Samples
		1.3.C.	Manufacturers Literature and Data
		1.3.D.	Manufacturers Certifications: Acoustical units, each type, in accordance with specification requirements
09 65 13	1	1.3.B.	Manufacturers Literature and Data
		1.3.C.	Samples
09 65 16	1	1.3.A.	Certifications
		1.4.B.	Manufacturers Literature and Data
		1.4.C.	Samples
		1.9.	Warranty
09 65 19	1	1.3.B.	Manufacturers Literature and Data
		1.3.C.	Samples
		1.3.D.	Shop Drawings
		1.3.E.	Test Reports
09 68 00	1	1.4.B	Product Data
		1.4.C.	Samples
		1.4.D.	Shop Drawings
		1.4.E	Maintenance Data
09 72 16	1	1.3.B	Samples
		1.3.C	Manufacturer's Certificates
		1.3.D	Manufacturer's Literature and Data
09 91 00	1	1.3.B.	Manufacturers Literature and Data
		1.3.C.	Sample Panel
		1.3.D.	Sample of identity markers if used
		1.3.E.	Manufacturers Certificates
	2	1.5.	Mock-Up
DIVISION 10			
10 14 00	1	1.4.B.	Samples
		1.4.C.	Manufacturers Literature
		1.4.D.	Samples
		1.4.E.	Shop Drawings
		1.4.F.	Full size layout patterns for dimensional letters
10 21 23	1	1.3.B.	Samples
		1.3.C.	Shop Drawings
		1.3.D.	Manufacturers Literature and Data
10 25 13	1	1.3.B	Shop Drawings
		1.3.C	Manuals shall be delivered to COR coincidental with delivery of corresponding equipment to job site (4 hard copies and one electronic copy on compact disk for each)
		1.3.D	Certifications
10 26 00	1	1.4.C.	Shop Drawings
		1.4.D.	Manufacturer's Literature & Data
		1.4.E	Test Report
		1.4.F.	Manufacturer's Qualifications
		1.4.G	Installer's Qualifications
		1.4.H	Warranty
10 28 00	1	1.3.B.	Shop Drawings
		1.3.C.	Samples
		1.3.D.	Manufacturers Literature and Data
		1.3.E.	Manufacturers Certificates
10 44 13	1	1.3.B.	Manufacturers Literature and Data
10 51 13	1	1.2.A	Product Data
		1.2.B	Shop Drawings

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		1.2.C	Samples
	2	1.4.A	Qualification Data
		1.4.B	Warranty
	3	1.5.A	Maintenance Data
DIVISION 11			
11 73 00	1	1.4.B	Certificates of Compliance
		1.4.C.	Manufacturer's Literature and Data
		1.4.D.	Individual Room Layouts
		1.4.E	Manufacturer's Checklist
DIVISION 12			
DIVISION 13			
13 05 41	1	1.4.A	Coordinated set of equipment anchorage drawings
		1.4.B	Coordinated set of bracing drawings for seismic protection
		1.4.C.	Bracing drawings for seismic protection
		1.4.D.	Design Calculations
		1.4.E	ICBC Evaluation Reports
DIVISION 14			
DIVISION 21			
21 05 11	1	1.4 C.	Coordination Drawings
		1.4 D. 1.	Operation and Maintenance Data
		1.4 D 2.	Recommended Spare Parts Data
21 13 13	1	1.3 C. 1.	Qualifications
		1.3 C. 2.	Working Drawings (Signed by NICET Level III or IV or S & S by SC PE), Data Sheets, Calculations, & Test Reports
		1.3 C. 3.	Data Sheets (Cut Sheets)
		1.3 C. 4.	Calculations & Flow Test Reports
	2	1.3 C. 5.	Final Closeout Documents:
		1.3 C. 5. a.	Reproducible as-built drawings
		1.3 C. 5. b.	Testing requirements and procedures
		1.3 C. 5. c.	Material and Test Certificate(s) for Entire System
		1.3 C. 5. e.	Instruction Manuals
DIVISION 22			
22 05 11	1	1.4 D.	Arrangement Drawings for Equipment Differing from that
		1.4 H	Coordination Drawings
	2	1.4 I.1	Maintenance Data and Operating Instructions
		1.4 I. 2.	Recommended Spare Parts Data
22 05 23	1	1.3 B.1	Valves
		1.3 B.2	Backflow Preventers
		1.3 B.3	All items listed in Part 2 - Products
22 07 11	1	1.4 B	Materials, Facings, Jackets, Accessory Materials, Fitting Fabrication Instructions.
22 11 00	1	1.3 B.	All Piping and tubing materials
		1.3 B.	Fittings materials and design
		1.3 B.	Strainers
		1.3 B.	Dielectric fittings
		1.3 B.	Water hammer arrestors
22 13 00	1	1.3 B.1	Piping, joints, and fittings
		1.3 B.2	Floor Drains
		1.3 B.3	Cleanouts
		1.3 B.4	Traps
22 40 00	1	1.3 B	Plumbing Fixtures
22 62 00	1	1.4 B.2.	Piping, joints, and fittings
		1.4 B.3.	Valves
		1.4 B.5.	Valve Cabinets
		1.4 B.6.	Gages

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		1.4 B.7.	Alarm Controls and Panels
		1.4 B.8.	Vacuum Switches
	2	1.4 D.	Certification
22 63 00	1	1.4 B.1.	Piping, joints, and fittings
		1.4 B.2.	Valves
		1.4 B.3.	Valve cabinets.
		1.4 B.4.	Gages
		1.4 B.5.	Alarm controls and panels.
		1.4 B.6.	Pressure switches
		1.4 C.	Station outlets certification/certificate
	2	1.4 D.	Completed system certification
DIVISION 23			
23 05 11	1	1.3.F	Welding Certificates
		1.3.G	Equipment Installation Instructions
		1.4.D	Confirmation of Equipment Coordination
		1.4.E	Equipment and System Shop Drawing
		1.4.H	Complete Systems Layout / Coordination Drawings
	2	1.4.K	Approved Equipment Submittals to T&B Contractor
		2.8	Materials and Equipment Identification
		2.11	HVAC Pipe and Equipment Supports, Hangers, Rails, Etc.
		2.12	Pipe Sleeves
	3	1.4.J	Maintenance Data and Operation Instructions
23 05 41	1	1.4.B	Vibration Isolators and Bases
		1.4.C	Isolation Load Calculations
		1.4.D	Seismic Restraint Provisions and Calculations
23 05 93	1	1.4.B	T&B Agency Qualifications
		1.4.D	Complete Set of Applicable AABC or NEBB Publications
	2	1.4.D	Design Review Report
	3	1.4.D	Systems Inspection Report
		1.4.D	Duct Air Leakage Test Report
	4	1.4.D	Systems Readiness Report
	5	1.4.D	Intermediate T&B Report
		1.4.E	Final T&B Report
23 07 11	1	1.4.B	Shop Drawings
		1.4.C	Insulation Samples
		2.1	Mineral Fiber Insulation
		2.2	Mineral Wool or Refractory Fiber Insulation
		2.3	Rigid Cellular Phenolic Foam Insulation
		2.4	Cellular Glass Closed-Cell Insulation
		2.6	Flexible Elastomeric Cellular Thermal Insulation
		2.8	Calcium Silicate Insulation
		2.9	Insulation Facings and Jackets
		2.10	Removable Insulation Jackets
		2.11	Pipe Covering Protection Saddles
		2.12	Adhesive, Mastic, Cement
		2.13	Mechanical Fasteners
23 08 00	1	1.6	Equipment Submittals to CxA
23 09 23	1	1.7.B	Wiring Diagrams and Points Lists
		1.7.B	Control Dampers and Valves Schedule and Cutsheets
		1.7.B	Catalog Cutsheets of All DDC Equipment
		1.7.B	Color Prints of Proposed Graphics
		1.7.B	BACnet Protocol Implementation Conformance Statement for each Device
		1.7.B	Instrumentation Lists for Each System
		1.7.B	Riser Diagrams

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	2	1.7.F	O&M Manuals
		1.7.G	Performance Report Prior to Final Inspection
	3	1.4.D	Software Licenses
23 11 13		1.7.E	As-built Control Drawings
	1	1.3.B	Pipe, Fittings, Valves, Strainers
		1.3.B	All other products
23 21 13		1.3.C	Shop Drawings
	1	1.3.B	Pipe and Fittings
		1.3.B	Valves
		1.3.B	Strainers
23 21 23		1.3.C	Shop Drawings
	1	1.4.B	Pumping Equipment
		1.4.D	Pump Curves
	2	1.4.C	O&M Manuals
23 23 00	1	1.4.B	Shop Drawings
		1.4.C	Welding Certificates
		1.4.D	Equipment Design Manuals
		2.1	Pipe and Fittings
		2.2	Gages
		2.3	Thermometers and Test Wells
		2.7	Pipe/Conduit Roof Penetration Cover
23 25 00	1	1.4.B	Cleaning Compounds and Recommended Procedures for use
		1.4.C	Water Analysis Verification
		1.4.D	MSDS for all Proposed Equipment
	2	1.4.B	Chemical Treatment for Closed Systems
	3	1.4.E	O&M Manuals
23 31 00	1	1.4.B	Rectangular Ducts
		1.4.B	Round Ducts
		1.4.B	Volume Dampers
		1.4.B	Upper Hanger Attachments
		1.4.B	Fire and Smoke Dampers
		1.4.B	Flexible Duct
		1.4.B	Flexible Connections
		1.4.B	Instrument Test Fittings
		1.4.C	Coordination Drawings
23 34 00	1	1.4.B	Centrifugal Fans
		1.4.B	Prefabricated Roof Curbs
		1.4.B	Power Roof and Wall Ventilators
		1.4.C	Certified Sound Power Levels
		1.4.D	Motor Ratings Types and Electrical Characteristics
		1.4.E	Roof Curbs
		1.4.F	Belt Guards
		1.4.H	Certified Fan Performance Curves
	2	1.4.G	O&M Manuals
23 36 00	1	1.4.B	Air Terminal Units
		1.4.D	Compliance Certificates
	2	1.4.E	O&M Manuals
23 37 00	1	1.4.B	Intake/Exhaust Hoods
		1.4.B	Diffusers, Registers and Grilles
		1.4.C	Coordination Drawings
23 40 00	1	1.4.B	Extended Surface Air Filters
		1.4.C	Filter Performance Report
		1.4.D	Supplier Warranty
23 52 25	1	1.4.B	Boiler
		1.4.C	Boiler Trim
		1.4.D	Fuel Trains

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		1.4.F	Electrical Diagrams
		1.4.G	Water Treatment Test Report
23 64 00	1	1.6.B	Chiller Performance Data
		1.6.B	Fan Performance
		1.6.B	Refrigerant
		1.6.B	Wiring Diagrams and Points Lists
		1.6.B	Certified and Guaranteed Sound/Noise Data Report
		1.6.E	AHRI Product Certificate
		1.6.F	Seismic Restraint Provisions and Calculations
		2	1.6.C
	3	1.6.D	Run test report for Chillers
23 73 00	1	1.4.B	Shop Drawings
		1.4.B	AHU Performance Data (Fans, Coils, Filters, etc)
		1.4.B	Sound Power Levels
		1.4.B	Fan Curves
		1.4.B	Static Pressure Profiles
		1.4.E	Shipping Information
	2	1.4.D	Written Test Procedures
3	1.4.C	O&M Manuals	
23 81 00	1	1.4.B	Ductless Split Systems
		1.4.B	Dimensions and Required Clearances, Weights, Start-up Instructions
		1.4.B	Electrical Requirements and Wiring Diagrams
		1.4.B	Roof Curbs/Mounting
		1.4.C	ARI Certification
		1.4.D	Equipment Performance Ratings (EER, COP)
	2	1.4.E	O&M Manuals
23 82 00	1	1.4.B	Unit Heaters
		1.4.B	Fan Coil Units
		1.4.C	Performance Certificates
	2	1.4.D	O&M Manuals
	3	1.4.E	Systems Readiness Report
DIVISION 25			
251010	1	2.1	Advanced Utility Metering System
		2.3	Cable Systems - Twisted Pair and Fiber Optic
		2.4	Grounding
		2.5	Meter Communication
		2.7	Water and Gas Meter Devices
DIVISION 26			
260519	2	2.1	Conductors and Cables
		2.2	Splices
		2.3	Connectors and Terminations
260526	1	2.1	Grounding and Bonding Conductors
		2.4	Ground Connections
		2.6	Ground Terminal Blocks
		2.7	Grounding Bus bar
260533	1	2.1	Conduit
		2.1	Conduit Fittings
		2.1	Conduit Supports
		2.1	Outlet, Junction, and Pull Boxes
		2.1	Metal Wireways
260923	3	2.1	Electronic Time Switches
		2.2	Electromechanical-Dial Time Switches
		2.3	Outdoor Photoelectric Switches
		2.7	Indoor Occupancy Sensors
		2.11	Lighting Control System - Relay Panel Type
262726	3	2.1	Receptacles

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		2.2	Toggle Switches
		2.3	Manual Dimming Controls
		2.4	Wall Plates
		2.5	Surface Multiple-Outlet Assemblies
265100	2	2.1	Lighting Fixtures
		2.9	LED Exit Light Fixtures
		2.1	LED Light Fixtures
DIVISION 27			
270526	1	2.1	Grounding and Bonding Conductors
		2.3	Splices and Termination Components
		2.4	Ground Connections
		2.7	Ground Terminal Blocks
		2.8	Splice Case Ground Accessories
270533	1	2.1	Conduit
		2.1	Conduit Fittings
		2.1	Conduit Supports
		2.1	Outlet, Junction, and Pull Boxes
		3.1	Firestopping Materials
271500	2	2.1	Equipment and Materials
		2.2	Distribution Equipment and Systems
		2.5	Installation Kit
275223	3	2.1	System Description
		2.4	Nurse Call and Code Blue System Devices (Patient, Staff, Duty, Master Stations, Dome Lights, Auxiliary Alarm Jacks, Patient Bed Interfaces (Lighting, TV, Bed))
DIVISION 28			
280513	1	2.1	General
		2.2	Backboards
	2	2.3	UTP
		2.4	UTP Cable Hardware
		2.7	Coaxial Cable
		2.8	Coaxial Cable Hardware
		2.9	RS-232 Cable
		2.1	RS-485 Cable
		2.11	Low-Voltage Control Cable
		2.12	Control-Circuit Conductors
		2.13	Fire Alarm Wire and Cable
		2.14	Identification Products
		2.15	Source Quality Control
		2.17	Fireproofing Tape
280526	1	2.1	Grounding and Bonding Conductors
		2.3	Splices and Termination Components
		2.4	Equipment Rack and Cabinet Ground Bars
		2.5	Ground Terminal Blocks
		2.6	Splice Case Ground Accessories
280528.33	1	2.1	General
		2.2	Conduit
		2.3	Wireways and Raceways
		2.4	Conduit Fittings
		2.5	Conduit Supports
		2.6	Outlet, Junction, and Pull Boxes
		2.7	Cabinets
		2.8	Wireways
		2.11	Sleeves for Raceways
		2.12	Sleeve Seals
		2.13	Grout

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282300	2	2.1	General
		2.2	Cameras
		2.6	Video Cameras
		2.8	Power Supplies
		2.12	Wires and Cables
282600	2	2.1	Equipment and Materials
		2.2	Equipment Items
283100	3	2.1	Equipment and Materials, General
		2.2	Conduit, Boxes, and Wire
	3	2.3	Fire Alarm Control Unit
		2.6	Alarm Notification Appliances
		2.7	Alarm Initiating Devices
		2.8	Supervisory Devices
		2.9	Address Reporting Interface Device
		2.1	Smoke Barrier Door Control
		2.12	Utility Locks and Keys
		2.13	Spare and Replacement Parts
		2.14	Instruction Chart