

SECTION 01 33 23
SHOP DRAWINGS, PRODUCT DATA, AND SAMPLES

PART 1 - GENERAL

1.1 DESCRIPTION

- A. This specification defines the general requirements and procedures for submittals. A submittal is information submitted for VA review to establish compliance with the contract documents.
- B. Detailed submittal requirements are found in the technical sections of the contract specifications. The Contracting Officer may request submittals in addition to those specified when deemed necessary to adequately describe the work covered in the respective technical specifications at no additional cost to the government.
- C. VA approval of a submittal does not relieve the Contractor of the responsibility for any error which may exist. The Contractor is responsible for fully complying with all contract requirements and the satisfactory construction of all work, including the need to check, confirm, and coordinate the work of all subcontractors for the project. Non-compliant material incorporated in the work will be removed and replaced at the Contractor's expense.

1.2 DEFINITIONS

- A. Preconstruction Submittals: Submittals which are required prior to issuing contract notice to proceed or starting construction. For example, Certificates of insurance; Surety bonds; Site-specific safety plan; Construction progress schedule; Schedule of values; Submittal register; List of proposed subcontractors.
- B. Shop Drawings: Drawings, diagrams, and schedules specifically prepared to illustrate some portion of the work. Drawings prepared by or for the Contractor to show how multiple systems and interdisciplinary work will be integrated and coordinated.
- C. Product Data: Catalog cuts, illustrations, schedules, diagrams, performance charts, instructions, and brochures, which describe and illustrate size, physical appearance, and other characteristics of materials, systems, or equipment for some portion of the work. Samples of warranty language when the contract requires extended product warranties.
- D. Samples: Physical examples of materials, equipment, or workmanship that illustrate functional and aesthetic characteristics of a material or product and establish standards by which the work can be judged. Color samples from the manufacturer's standard line (or custom color samples

if specified) to be used in selecting or approving colors for the project. Field samples and mock-ups constructed to establish standards by which the ensuing work can be judged.

- E. Design Data: Calculations, mix designs, analyses, or other data pertaining to a part of work.
- F. Test Reports: Report which includes findings of a test required to be performed by the Contractor on an actual portion of the work. Report which includes finding of a test made at the job site or on sample taken from the job site, on portion of work during or after installation.
- G. Certificates: Document required of Contractor, or of a manufacturer, supplier, installer, or subcontractor through Contractor. The purpose is to document procedures, acceptability of methods, or personnel qualifications for a portion of the work.
- H. Manufacturer's Instructions: Pre-printed material describing installation of a product, system, or material, including special notices and MSDS concerning impedances, hazards, and safety precautions.
- I. Manufacturer's Field Reports: Documentation of the testing and verification actions taken by manufacturer's representative at the job site on a portion of the work, during or after installation, to confirm compliance with manufacturer's standards or instructions. The documentation must indicate whether the material, product, or system has passed or failed the test.
- J. Operation and Maintenance Data: Manufacturer data that is required to operate, maintain, troubleshoot, and repair equipment, including manufacturer's help, parts list, and product line documentation. This data shall be incorporated in an operations and maintenance manual.
- K. Closeout Submittals: Documentation necessary to properly close out a construction contract. For example, Record Drawings and as-built drawings. Also, submittal requirements necessary to properly close out a phase of construction on a multi-phase contract.

1.3 SUBMITTAL REGISTER

- A. The submittal register will list items of equipment and materials for which submittals are required by the specifications. This list may not be all inclusive and additional submittals may be required by the specifications. The Contractor is not relieved from supplying submittals required by the contract documents but which have been omitted from the submittal register.

- B. The submittal register will serve as a scheduling document for submittals and will be used to control submittal actions throughout the contract period.
- C. The VA will provide the initial submittal register in electronic format. Thereafter, the Contractor shall track all submittals by maintaining a complete list, including completion of all data columns, including dates on which submittals are received and returned by the VA.
- D. The Contractor shall update the submittal register as submittal actions occur and maintain the submittal register at the project site until final acceptance of all work by Contracting Officer.
- E. The Contractor shall submit formal monthly updates to the submittal register in electronic format. Each monthly update shall document actual submission and approval dates for each submittal.
- F. Submittals shall be identified on the submittal transmittal form by specification number and group number. For example, specification section 01 00 00 requires two submittal groups, which shall be submitted separately. Each submittal shall be identified as 01 00 00 - 1 (for Group 1) and 01 00 00 - 2 (for Group 2). In addition, Resubmittals shall be identified as 01 00 00-1-R1 and 01 00 00-2-R1. Submittals not bearing this identification or not containing all items required to be in that submittal are incomplete and will be returned unreviewed. Submittals returned as incomplete shall not be cause for delays in the project construction period.

1.4 SUBMITTAL SCHEDULING

- A. Submittals are to be scheduled, submitted, reviewed, and approved prior to the acquisition of the material or equipment.
- B. Coordinate scheduling, sequencing, preparing, and processing of submittals with performance of work so that work will not be delayed by submittal processing. Allow time for potential resubmittal.
- C. No delay costs or time extensions will be allowed for time lost in late submittals or resubmittals.
- D. All submittals are required to be approved prior to the start of the specified work activity.

1.5 SUBMITTAL PREPARATION

- A. Each submittal is to be complete and in sufficient detail to allow ready determination of compliance with contract requirements.

- B. Collect required data for each specific material, product, unit of work, or system into a single submittal. Prominently mark choices, options, and portions applicable to the submittal. Partial submittals will not be accepted for expedition of construction effort. Submittal will be returned without review if incomplete.
- C. If available product data is incomplete, provide Contractor-prepared documentation to supplement product data and satisfy submittal requirements.
- D. All irrelevant or unnecessary data shall be removed from the submittal to facilitate accuracy and timely processing. Submittals that contain the excessive amount of irrelevant or unnecessary data will be returned with review.
- E. Provide a transmittal form for each submittal with the following information:
 - 1. Project title, location and number.
 - 2. Construction contract number.
 - 3. Date of the drawings and revisions.
 - 4. Name, address, and telephone number of subcontractor, supplier, manufacturer, and any other subcontractor associated with the submittal.
 - 5. List paragraph number of the specification section and sheet number of the contract drawings by which the submittal is required.
 - 6. When a resubmission, add alphabetic suffix on submittal description. For example, submittal 18 would become 18A, to indicate resubmission.
 - 7. Product identification and location in project.
- F. The Contractor is responsible for reviewing and certifying that all submittals are in compliance with contract requirements before submitting for VA review. Proposed deviations from the contract requirements are to be clearly identified. All deviations submitted must include a side by side comparison of item being proposed against item specified. Failure to point out deviations will result in the VA requiring removal and replacement of such work at the Contractor's expense.
- G. Stamp, sign, and date each submittal transmittal form indicating action taken.

H. Stamp used by the Contractor on the submittal transmittal form to certify that the submittal meets contract requirements is to be similar to the following:

CONTRACTOR
(Firm Name)
_____ Approved
_____ Approved with corrections as noted on submittal data and/or attached sheets(s)
SIGNATURE: _____
TITLE: _____
DATE: _____

1.6 SUBMITTAL FORMAT AND TRANSMISSION

- A. Provide submittals in electronic format, with the exception of material samples. Use PDF as the electronic format, unless otherwise specified or directed by the Contracting Officer.
- B. Compile the electronic submittal file as a single, complete document. Name the electronic submittal file specifically according to its contents.
- C. Electronic files must be of sufficient quality that all information is legible. Generate PDF files from original documents so that the text included in the PDF file is both searchable and can be copied. If

documents are scanned, Optical Character Resolution (OCR) routines are required.

- D. E-mail electronic submittal documents smaller than 5MB in size to e-mail addresses as directed by the Contracting Officer.
- E. Provide electronic documents over 5MB through an electronic FTP file sharing system. Confirm that the electronic FTP file sharing system can be accessed from the VA computer network. The Contractor is responsible for setting up, providing, and maintaining the electronic FTP file sharing system for the construction contract period of performance.
- F. Provide hard copies of submittals when requested by the Contracting Officer. Up to 3 additional hard copies of any submittal may be requested at the discretion of the Contracting Officer, at no additional cost to the VA.

1.7 SAMPLES

- A. Submit two sets of physical samples showing range of variation, for each required item.
- B. Where samples are specified for selection of color, finish, pattern, or texture, submit the full set of available choices for the material or product specified.
- C. When color, texture, or pattern is specified by naming a particular manufacturer and style, include one sample of that manufacturer and style, for comparison.
- D. Before submitting samples, the Contractor is to ensure that the materials or equipment will be available in quantities required in the project. No change or substitution will be permitted after a sample has been approved.
- E. The VA reserves the right to disapprove any material or equipment which previously has proven unsatisfactory in service.
- F. Physical samples supplied maybe requested back for use in the project after reviewed and approved.

1.8 OPERATION AND MAINTENANCE DATA

- A. Submit data specified for a given item within 30 calendar days after the item is delivered to the contract site.
- B. In the event the Contractor fails to deliver O&M Data within the time limits specified, the Contracting Officer may withhold from progress payments 50 percent of the price of the item with which such O&M Data are applicable.

1.9 TEST REPORTS

COR may require specific test after work has been installed or completed which could require contractor to repair test area at no additional cost to contract.

1.10 VA REVIEW OF SUBMITTALS AND RFIS

- A. The VA will review all submittals for compliance with the technical requirements of the contract documents. The Architect-Engineer for this project will assist the VA in reviewing all submittals and determining contractual compliance. Review will be only for conformance with the applicable codes, standards and contract requirements.
- B. Period of review for submittals begins when the VA COR receives submittal from the Contractor.
- C. Period of review for each resubmittal is the same as for initial submittal.
- D. VA review period is 15 working days for submittals.
- E. VA review period is 10 working days for RFIs.
- F. The VA will return submittals to the Contractor with the following notations:
 - 1. "Approved": authorizes the Contractor to proceed with the work covered.
 - 2. "Approved as noted": authorizes the Contractor to proceed with the work covered provided the Contractor incorporates the noted comments and makes the noted corrections.
 - 3. "Disapproved, revise and resubmit": indicates noncompliance with the contract requirements or that submittal is incomplete. Resubmit with appropriate changes and corrections. No work shall proceed for this item until resubmittal is approved.
 - 4. "Not reviewed": indicates submittal does not have evidence of being reviewed and approved by Contractor or is not complete. A submittal marked "not reviewed" will be returned with an explanation of the reason it is not reviewed. Resubmit submittals after taking appropriate action.

1.11 APPROVED SUBMITTALS

- A. The VA approval of submittals is not to be construed as a complete check, and indicates only that the general method of construction, materials, detailing, and other information are satisfactory.
- B. VA approval of a submittal does not relieve the Contractor of the responsibility for any error which may exist. The Contractor is

responsible for fully complying with all contract requirements and the satisfactory construction of all work, including the need to check, confirm, and coordinate the work of all subcontractors for the project. Non-compliant material incorporated in the work will be removed and replaced at the Contractor's expense.

- C. After submittals have been approved, no resubmittal for the purpose of substituting materials or equipment will be considered unless accompanied by an explanation of why a substitution is necessary.
- D. Retain a copy of all approved submittals at project site, including approved samples.

1.12 WITHHOLDING OF PAYMENT

Payment for materials incorporated in the work will not be made if required approvals have not been obtained.

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MASTER SUBMITTAL LIST

Section	Submittal Group	Description
This Master Submittal Log summarizes the required submissions of the following spec sections and is complementary to them. Refer to each section individually for the full extent of required submissions.		
01 33 23		THIS SECTION APPLIES TO ALL SUBMITTALS IN THE PROJECT SPECIFICATIONS
DIVISION 01		
01 00 00	1	Security Plan
		Duplicate Keys and lock combinations
		Electronic security memorandum
		Phasing plan
	Recurring	As-built drawings
	Recurring	Photographic documentation of construction progress
01 32 16.15	1	Qualification proposal to COR within 10 days of bid acceptance
		Provide all computer-produced time/cost estimates monthly
		Submit 3 blue line copies of interim schedule within 45 days of notice to proceed
		Cost per work activity/event and responsibility code for all activities/events
		Supporting data to project schedule
		Electronic file containing all info needed to produce a schedule
		Submit monthly AIA application and certificate for payment documents
		Submit updated schedule after each monthly schedule meeting
		Within 30 days of VA approval of updated project schedule, submit revised electronic file of activity/event changes
Submit any requests for change of completion date to contracting officer and show all CPM logic revisions, durations changes, and cost changes		
01 33 23	1	Preconstruction Submittals
		Updated Submittal Register
01 35 26	1	Submit the APP to the COR for review 15 days prior to the date of preconstruction conference for acceptance.
		Submit AHAs to the COR at least 15 calendar days prior to the start of each phase.
		Deficiencies in submitted APP will be brought to the COR within 14 days of submittal and contractor shall revise the plan.
		Submit training records to COR for review for compliance with contract requirements 15 calendar days prior to the date of preconstruction conference for acceptance.
01 45 00	1	Interim CQC Plan
	2	CQC Plan
01 45 29	1	Accreditation Requirements
		Written Reports
		Verbal Reports

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01 57 19	1	Environmental Protection Plan
		Debris Management Plan
01 74 19	1	Waste Management Plan

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		Monthly summary of construction and demolition debris diversion and disposal
DIVISION 02		
02 41 00		Survey Report Circuit Trace Report (see Electrical Drawings)
02 82 13.13		Shop Drawings Mill Test Reports Manufacturers Certifications CCRL Plant & Personnel Approval Test Reports for Concrete Mix Designs Shoring and Reshoring Sequence Pre-Concrete Conference
02 82 13.19		Per-Start Meeting Submittals Submittals During Abatement Submittals at Completion of Abatement
02 83 33.13		Pre-Construction Meeting Pre-Abatement Tasks
DIVISION 03		
03 30 00	1	Shop Drawings Mill Test Reports Manufacturers Certifications CCRL Plant & Personnel Approval Test Reports for Concrete Mix Designs Shoring and Reshoring Sequence Pre-Concrete Conference
DIVISION 04		
DIVISION 05		
05 40 00	1	Shop Drawings Manufacturer's Literature and Data Structural analysis data sealed and signed by the qualified professional engineer
05 50 00		Shop Drawings Manufacturers Certificates Design Calculations for specified live loads including dead loads Furnish setting drawings and instructions for installation of anchors to be preset into concrete masonry
DIVISION 06		
06 10 00	1	Sustainable Design Shop Drawings Manufacturer's Literature and Data Manufacturer's Certificate for unmarked labor
DIVISION 07		
07 21 13	1	Shop Drawings

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07 24 13	1	Sustainable Construction
07 24 00	1	Submittal Drawings
		Manufacturer's Literature and Data
		Samples
		Test reports
		Qualifications
07 81 00	1	Installer qualifications
		Testing laboratory accreditations
		Manufacturers Literature and Data
		Certificates
		Miscellaneous
07 84 00	1	Sustainable Design
		Installer Qualifications
		Inspector Qualifications
		Manufacturer's Literature and Data
		List of FM, UL, or WH classification number of systems installed
		Certified laboratory test reports for ASTM E814 test for systems not listed by FM, UL, or WH proposed for use
		Submit Certificates from Manufacturer
07 92 00	1	Lab Tests
		Joint Certification
		Sustainable Design
		Installer Qualifications
		Contractor Qualifications
		Contractor Qualifications
		Samples
		Manufacturers Literature and Data
Warranty		
07 95 13	1	Submittal Drawings
		Manufacturer's Literature and Data
		Samples
		Sustainable Construction Submittals
		Qualifications
		Certificates
DIVISION 08		
08 11 13	1	Shop Drawings
		Manufacturers Literature and Data
		Shop Drawings
		Manufacturer's Literature and Data

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08 14 00	1	Samples
		Sustainable Construction
		Test Reports
		Operation and Maintenance Data
		Warranty
08 31 13	1	Submittal Drawings
		Manufacturer's Literature and Data
		Sustainable Construction Submittals
08 41 13	1	Submittal Drawings
		Manufacturer's Literature and Data
		Samples
		Sustainable Construction Submittals
		Test reports
		Certificates
		Qualifications
		Delegated Design Drawings and Calculations
Operation and Maintenance Data		
08 71 00	1	Hardware Schedule
		Samples and Manufacturer's literature
		Certificate of Compliance
08 71 13	1	Submittal Drawings
		Manufacturer's Literature and Data
		Sustainable Construction Submittals
		Test Reports
		Qualifications
		Operation and Maintenance Data
08 80 00	1	Sustainable Design
		Manufacturer's Certificates
		Manufacturer's Warranty
		Manufacturer's Literature and Data
		Samples
		Preconstruction Adhesion and Compatibility Test Report
08 90 00	1	Shop Drawings
		Manufacturer's Literature and Data
		Color Samples
DIVISION 09		
09 05 16	1	Written approval confirming product compatibility with subfloor material manufacturer and flooring manufacturer
		Product Data
		Test Data

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09 22 16	1	Manufacturers Literature and Data Shop Drawings Test Results
09 29 00	1	Manufacturers Literature and Data Shop Drawings Samples Test Results Certificates
09 30 13	1	Sustainable Design Samples Product Data Certification Installer Qualifications
09 51 00	1	Samples Manufacturers Literature and Data Manufacturers Certifications: Acoustical units, each type, in accordance with specification requirements
09 65 13	1	Manufacturers Literature and Data Samples Sustainable Construction Operation and Maintenance Data
09 65 16	1	Manufacturer's Literature and Data Samples Sustainable Construction Certifications Qualifications Warranty
09 65 19	1	Sustainable Design Manufacturers Literature and Data Samples Shop Drawings Test Reports
09 67 23.60	1	Manufacturer's Literature and Data Qualification Data: For Installer Samples Shop Drawings Certifications and Approvals Warranty
		Sustainable Design Painter Qualifications

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09 91 00	1	Manufacturer's Literature and Data
		Sample Panels
		Sample of Identity Markers
		Manufacturer's Literature and Data
09 96 59	1	Manufacturer's Literature and Data
		Qualification Data: For Installer
		Samples
		Shop Drawings
Certification and Approval		
Division 10		
10 14 00	1	Sustainable Design Submittals
		Interior Sign Samples
		Exterior Sign Samples
		Manufacturer's Literature
		Sign Location Plan
		Shop Drawings
		Full size layout patterns for dimensional letters
		Manufacturer's Qualifications
10 26 00	1	Installer's Qualifications
		Sustainable Design
		Shop Drawings
		Manufacturer's Literature and Data
		Test Report
		Manufacturer's Qualifications
10 28 00	1	Installers Qualifications
		Manufacturer's Warranty
		Shop Drawings
		Manufacturer's Literature and Data
		Samples
10 44 13	1	Manufacturer's Certificates
		Qualifications
		Operation and Maintenance Data
		Manufacturer's Literature and Data
DIVISION 11		
11 05 12	1	Shop Drawings
		Manuals
		Certification
DIVISION 12		
		Samples
		Manufacturer's Literature and Data

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12 24 00	1	Shop Drawings
		Fire Testing
		Manufacturer's Warranty
DIVISION 13		
13 05 41	1	Coordinated set of equipment anchorage drawings prior to installation
		Coordinated set of bracing drawings for seismic protection of piping prior to installation
		Bracing drawings for seismic protection of suspended ductwork and suspended electrical and communication cables
		Design Calculations
		ICBC Evaluation Reports
DIVISION 14		
DIVISION 21		
21 13 13	1	Qualifications
		Drawings
		Manufacturer's Data Sheets
		Calculation Sheets
		Valve Charts
		Final Documents submittals
DIVISION 22		
22 05 11	1	Manufacturer's Literature and Data
		Submittals and shop drawings
		Coordination Drawings
		Maintenance Data and Operating Instructions
		Completed System Readiness Checklist
		Submit training plans, trainer qualifications and instructor qualifications
	4	As-Built Documentation -
		Drawing Red Lines
		Final Testing Certifications
		O&M Manuals For All Sections Submitted Together
22 05 19	1	Manufacturer's Literature And Data
		Shop Drawings
	4	As Built Documents
		Valve Charts
22 05 23	1	Manufacturer's Literature And Data
	4	O&M Manuals
		Completed System Readiness Checklist
22 07 11	1	Manufacturer's Literature And Data
		Shop Drawings
	2	Samples

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		Completed System Readiness Checklist
22 11 00	1	Manufacturer's Literature And DATA For: All Part 2 Products
	4	As-Built Documentation O&M Manuals
22 13 00	1	Manufacturer's Literature & Data Detailed Shop Drawing of Clamping Device
22 40 00	1	Manufacturer's Literature And Data Operating Instructions Completed System Readiness Checklist Submit training plans and instructor qualifications
DIVISION 23		
23 05 11	1	Items submitted under this section shall be marked "SUBMITTED UNDER SECTION 23 05 11, COMMON WORK RESULTS FOR HVAC"
		If the project is phased submit complete phasing plan/schedule with manpower levels prior to commencing work.
		Contractor shall make all necessary field measurements and investigations
		If equipment is submitted which differs in arrangement from that shown, provide documentation
		Certify in writing that manufacturers of all major items of equipment have each reviewed contract documents
		Submittals and shop drawings for interdependent items, containing applicable descriptive information, shall be furnished together
		Coordination/Shop Drawings
		Manufacturer's Literature and Data
		Rigging Plan
		HVAC Maintenance Data and Operating Instructions
Provide copies of approved HVAC equipment submittals to the TAB Subcontractor		
23 05 12	1	Submit motor submittals with driven equipment
		Manufacturer's Literature and Data including Complete operating and maintenance manuals Certification
23 05 41	1	Manufacturer's Literature and Data Isolator manufacturer shall furnish with submittal load calculations Seismic Requirements
23 05 93	1	Submit names and qualifications of TAB agency and TAB specialists Submit one complete set of applicable AABC or NEBB publications Submit items per spec section part 1.4.D. Submit completed Test and Balance report for the area.
23 07 11	1	Shop Drawings Samples

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23 22 13	1	Manufacturer's Literature and Data
		Manufacturer's certified data report
		Coordination Drawings
		As-Built Piping Diagrams
		Complete operating and maintenance manuals
		Completed System Readiness Checklist
		Submit training plans and instructor qualifications
23 23 00	1	Shop Drawings
		Certification
		Design Manual
23 31 00	1	Manufacturer's Literature and Data
		Coordination Drawings
23 34 00	1	Manufacturer's Literature and Data
		Certified Sound Power Levels
		Motor Ratings
		Belt Guards
		O&M Manuals
		Certified Fan Performance Curves
		Roof Curbs
23 36 00	1	Manufacturer's Literature and Data
		Samples
		Certificates
		O&M Manuals
23 37 00	1	Manufacturer's Literature and Data
		Coordination Drawings
23 40 00	1	Manufacturer's Literature and Data
		Air Filter performance reports
		Suppliers Warranty
		Field Test Results for HEPA
23 73 00	1	Manufacturer's Literature and Data
		Maintenance and operating manuals
		Submit written test procedures
		Information that clearly indicates how the units will be shipped
23 80 00	1	Review of selected Submittals that pertain to the systems to be commissioned.
		Submittal review occurs simultaneously with engineering review.
23 81 00	1	Manufacturer's Literature and Data
		Certification
		Performance Rating
		Operating and Maintenance Manuals
		Completed System Readiness Checklists

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23 82 16	1	Manufacturer's Literature and Data
		Installation, Operating & Maintenance Instructions
		Certification Compliance
		Completed Systems Readiness Checklists
DIVISION 25		
DIVISION 26		
26 05 11	1	General Requirements
		Requirements
		O&M Manuals
		Samples
26 05 19	1	Shop Drawings
		Certifications
26 05 26	1	Shop Drawings
		Test Reports

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		Certifications
26 05 33	1	Shop Drawings Certifications
26 05 73	1	Product Data Complete study Certifications
26 09 23	1	Shop Drawings O&M Manuals Certifications
26 24 16	1	Shop drawings Manuals Certifications
26 27 26	1	Shop Drawings Manuals Certifications
26 29 11	1	Shop Drawings Manuals Certifications
26 29 21	1	Shop Drawings Manuals Certifications
26 51 00	1	Shop Drawings Manuals Certifications
DIVISION 27		
27 05 11	1	Parts list Manufacturer Product Information Source Quality Control Installer Qualifications Delegated Design Equipment anchors and support Test Equipment List Submittal Drawings Sustainable design Test reported Closeout submittals Maintenance Material Submittals
27 05 26	1	Provide plan indicating location of system grounding electrode connections Closeout Submittals
		Size and Location of Cabinets, splice box, and pull boxes

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27 05 33	1	Layout of required Conduit Penetrations Catalog Cuts Certification
27 10 00	1	Written certifications from OEM Identify environmental specifications on technical submittals, identify requirements for installation Power Conduit size requirements Closeout submittals
27 11 00	1	Pictorial Layouts Equipment Technical Literature Environmental Responses
27 15 00	1	Pictorial Layouts Test Equipment Certifications Closeout submittals
DIVISION 28		
28 05 00	1	The Government's approval shall be obtained for all equipment and material Submittals for individual systems and equipment assemblies which consist of more than one item or component shall be made for the system or assembly. Submittals shall include all items per spec section part 1.6.D. Submittals shall be in full compliance of the Contract Documents. Group I Technical Data Package Group II Technical Data Package Group III Technical Data Package Group IV Technical Data Package Group V Technical Data Package FIPS 201 Compliance Certificates Approvals will be based on complete submission of manuals together with shop drawings After approval and prior to installation, furnish the COR with samples Completed System Readiness Checklists
28 05 13	1	Certificates Manufacturer's Literature and Data Shop Drawings Wiring Diagrams Cable Administration Drawings Project planning documents as specified in Part 3. Maintenance Data
		Shop Drawings Certification

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28 05 28.33	1	Completed System Readiness Checklists
		Product Data
		Shop Drawings
		Coordination Drawings
		Manufacturer Seismic Qualification Certification
		Source quality-control test reports
28 08 00	1	Commissioning related submittals
28 13 00	1	Refer to 28 05 00 COMMON WORK RESULTS FOR ELECTRONIC SAFETY AND SECURITY, Part 1
28 16 00	1	Refer to Section 28 05 00, Part1
28 23 00	1	Certificates of Compliance
		Pre-installation and as-built design package
		Manufacturer Security System Cut Sheets
		Certification of Underwriter's Laboratories
28 31 00	1	Systems Readiness Checklists
		Drawings
		Manuals
		Certificates
DIVISION 31		
DIVISION 32		
DIVISION 33		
DIVISION 34		