**TABLE OF CONTENTS**

When adding new documents/sections use one tab before the document/section number and one tab after the document/section number.

Do not use spaces to position the document/section number or title.

Do not use the division number and title if no sections in that division will be included in the project manual.

Table of contents symbol legend:

\* INDICATES A DOCUMENT/SECTION THAT MUST BE USED IN ALL CONTRACTS.

@ INDICATES DOCUMENTS/SECTIONS WHICH ARE INSERTED BY CONTRACT AWARDS.

# INDICATES A DOCUMENT/SECTION THAT IS A COMMON DOCUMENT IN A MULTI CONTRACT PROJECT.

PROJECTS GOING TO BID SHALL USE THE LATEST MASTER SPECIFICATION. VERIFY DATES WITH PROJECT SPECIFICATION FOOTER DATES.

**Procurement and contracting requirements group**

**Division 00 – Procurement And Contracting Requirements**

**INTRODUCTORY INFORMATION**

**Document Number and Title**

Use version below for M project.

\* 000101.01 Title Page (Cover)

Use version below for Standard contract.

\* 000101.02 Title Page (Cover)

Use version below for Wicks Exempt contract.

\* 000101.03 Title Page (Cover)

Use version below for consultant project.

\* 000105.01 Certification Page

Use version below for in house design project.

\* 000105.02 Certification Page

Use version below for Standard project.

\* 000110 Table Of Contents

Use version below for Short Form contract.

\* 000110 Table Of Contents

Use version below for multi trade contract.

\*# 000115.01 List Of Drawings

Use version below for single contract.

\*# 000115.02 List Of Drawings

**BIDDING REQUIREMENTS**

 **Document Number and Title**

Use an advertisement for bids document for all contracts except emergency contracts, inmate labor contracts or sole-source contracts. Select one of the following documents.

Use document below only in the rare case that the labor and materials and performance bonds requirement for a contract under $200,000 is being waived. (rarely used).

@# 001113 Advertisement For Bids

Use document below for all projects except wicks exempt or PLA projects, or unless 001113 is applicable. (most often used).

@# 001114 Advertisement For Bids

Use document below for Wicks Exempt contract projects.

@ 001116 Advertisement For Bids

Use document below for PLA projects.

@ 001117 Advertisement For Bids

Use document below for all projects except short form.

\*@# 002113 Instructions To Bidders

Modifications to the instructions to bidders are made by use of the various supplementary instructions to bidders. If more than one supplementary instructions to bidders is used, coordinate the paragraph number of the paragraph being added so there is only one paragraph 17 included.

Use document below for all contracts (not total project cost) over $100,000 in conjunction with 007307 Supplementary Conditions – MWBE-EEO.

 002213 Supplementary Instructions To Bidders – MWBE-EEO

Use document below in conjunction with service contract 004166 Bid Form.

 002214 Supplementary Instructions To Bidders – Total Bid

Use document below in conjunction with 012977 Measurement and Payment in Unit Cost Contracts.

 002215 Supplementary Instructions To Bidders – Unit Price Contracts

Use document below in project manuals containing 028213 Asbestos Abatement.

 002216 Supplementary Instructions To Bidders – Asbestos Projects

Use version below in all project manuals containing 133419 Pre-Engineered Metal Building.

 002217.01 Supplementary Instructions To Bidders – Condition Of Award

Use version below in all project manuals containing 133423 Rectangular Salt Storage Structure, or 133424 Dome Salt Storage Structure.

 002217.02 Supplementary Instructions To Bidders – Condition Of Award

\* 002218 Supplementary Instructions To Bidders – Pre-Bid Site Visit

\* 002219 Supplementary Instructions To Bidders – Qualifications Of Bidders

Use document below for Wicks Exempt projects only.

@ 002220 Supplementary Instructions To Bidders – Wicks Exempt

Use 2 documents below for PLA projects.

@ 002221 Supplementary Instructions to Bidders - Project Labor Agreement

@ 002222 Supplementary Instructions to Bidders - Condition of Award PLA

Use document below in conjunction with 013200 Construction Progress Documentation and only when specifically directed by Team Leader or OGS Scheduling Department. (rarely used).

# 003113 Reference Summary Project Schedule

Use document below only when hazmat investigation has been performed. Included in all project manuals for multi-contract projects.

# 003126 Existing Hazardous Material Information

Use document below if soil investigations and analysis were conducted (normally used for a new building or addition).

# 003132 Geotechnical Data

Use one of the following 8 bid forms:

Use version below for standard contracts.

@ 004113 Bid Form – Standard

Use document below for Wicks Exempt projects.

@ 004120 Bid Form- Wicks Exempt

Use document below for PLA projects.

@ 004121 Bid Form - Project Labor Agreement

Use document below for 2 base bids.

@ 004123 Bid Form

Use document below for cost plus fixed fee contract projects and cost plus percentage fee projects.

@ 004133 Bid Form

Use document below for unit price contract projects.

@ 004143 Bid Form

Use document below for projects with service contract and in conjunction with 002214.

@ 004166 Bid Form

Use document below for Wicks Exempt projects only.

@ 004200 BDC-59 Wicks Exempt List Of Subcontractors

Use document below for PLA projects only.

@ 004201 BDC-59P Project Labor Agreement List Of Subcontractors

 Use document below on all contracts.

@\* 004313 Form Of Bid Bond – Bid Security

@\* 004314 New York State Surety Bond

@\* 006517 DCA-3 Offerer Disclosure Of Prior Non-Responsibility Determinations

**CONTRACTING REQUIREMENTS**

 **Document Number and Title**

Use one of the following 2 General Conditions below in every project manual.

Use document below in all contracts unless 007214 is applicable.

@\*# 007213 General Conditions

Use version below in emergency contract projects. Do not use on projects with hazmat abatement.

@\* 007214 General Conditions – Emergency Contract

Supplementary conditions are used to modify the general conditions. More than one supplementary conditions may be used for any given project.

Use document below in projects prepared for bidding by DASNY:

@ 007302 Supplementary Conditions – Dormitory Authority Of The State Of New York

Use either of the 2 documents below in all cost plus contracts.

@ 007303 Supplementary Conditions – Cost Plus Fixed Fee Contract

@ 007304 Supplementary Conditions – Cost Plus Percentage Fee Contract

Use document below on all contracts.

@\*# 007305 Supplementary Conditions – Liquidated Damages

Use document below if an extension of the standard one-year warranty is required for the work of a particular section.

 007306 Supplementary Conditions – Warranty Extension

Use document below in all contracts over $100,000 in conjunction with 002213.

@ 007307 Supplementary Conditions – MWBE-EEO

Use document below for projects located in New York City (Manhattan, Bronx, Brooklyn, Queens, and Staten Island counties) that contain electrical work, plumbing work, and/or fire protection work.

 007309 Supplementary Conditions – License Requirements

Use document below on all contracts.

@\*# 007310 Supplementary Conditions – Contractor’s Supervision

@\*# 007311 Supplementary Conditions – Payments

Use document below for Wicks Exempt projects only.

@ 007320 Supplementary Conditions – Wicks Exempt

 Use document below on all contracts.

@\*# 007322 Supplementary Conditions – Worker’s Compensation

@\*# 007323 Supplementary Conditions – Vendor Responsibility

@\*# 007324 Supplementary Conditions - Encouraging Use of New York State Businesses in Contract Performance

Use document below for PLA projects only.

@ 007325 Supplementary Conditions - Project Labor Agreement (PLA)

 Use document below on all contracts.

@\*# 007326 Supplementary Conditions - Orders on Contract (Change Orders)

@\*# 007327 Supplementary Conditions – SDVOB

Use document below for Bridges and Roads only.

# 007328 Supplementary Conditions – Buy American Steel

Use document below on all contracts.

@\*# 007331 Supplementary Conditions – Labor Law

Use documents below on some Office of General Services and Office of Mental Health projects. Consult with Business Unit Leader and clients before using.

SPECIFICATION SECTIONS MAY BE PROVIDED BY RESPECTIVE CLIENT AGENCY OR A DESIGN CONSULTANT.

 008081 Warranty Service Contract – General Conditions

 008091 Warranty Services Agreement

**specifications group**

**general requirements subgroup**

**Division 01 – General Requirements**

 **Section Number and Title**

Use this version for multi contract work.

\*# 011000.01 Summary Of The Work Multi Contract

Use this version for single contract work.

\*# 011000.03 Summary Of The Work Single Contract

Use this document for all 40000 series, M, and Q projects. For other contract types, this document is generally not used, however, when work is inherently dangerous confirm with Team Leader, Area Supervisor, and Regional Safety Manager with regards to potential use.

# 011100 Safety

Use one of two versions below for buildings that will be occupied during construction and must comply with joint commission on accreditation of healthcare organizations (JCAHO) requirements for special safety measures during construction. Team Leader must obtain a written request from the client agency’s central office to include this requirement in the contract.

# 011400.01 Interim Life Safety Measures- Multi Contract

# 011400.02 Interim Life Safety Measures- Single Contract

Use SECTION below for all fixed price contracts with 012100 allowances.

\*# 012100.0 Allowances

Use section below for all fixed price and unit price contracts containing 012100 allowances.

\*# 012200 Cost Computations

Use section below for fixed price contracts when there are bidding alternates.

# 012300 Alternates

Use section below for cost plus fixed fee contract projects and cost plus percentage fee contract projects.

 012910 Record Keeping – Cost Plus Percentage Fee Contracts

Use one of three versions below for all Unit Price contracts.

 012977.01 Measurement And Payment- Directive

 012977.02 Measurement And Payment- Standard

 012977.03 Measurement And Payment- Work Order Unit

Use one version below.

\*# 013000.01 Administrative Requirements ECP version

\*# 013000.02 Administrative Requirements non ECP version

Use document below for all projects unless specifically directed by Business Unit Leader or OGS Scheduling Department to use 013200 (most often used).

# 013113 Project Planning and Scheduling

\*# 013119 Project Meetings

Use document below in conjunction with 003113 reference summary project schedule only, or when specifically directed by Business Unit Leader or OGS Scheduling Department (rarely used). 013113 should be used for all unless the project has a Construction Manager that is responsible for the schedule.

# 013200 Construction Progress Documentation

\*# 013300 Submittals

 013350 Computer Aided Design Coordination Drawings

Use section below only when approved, in writing, by the Deputy Commissioner for Design & Construction.

 013500 Partnering

Use section below only when requested by the Team Leader to take advantage of energy efficiency incentive programs.

 013510 Energy Efficiency Programs

 013591 Historic Treatment Procedures

Use one version below in all contracts. Not a common document; needs to be edited for each project manual on a multi-trade project.

\* 014100.01 Regulatory Requirements Upstate

\* 014100.02 Regulatory Requirements NY

Use section below in project manuals for contracts containing Divisions 22, 23, 26, or 27. Not a common document; needs to be edited for each project manual on a multi-trade project.

 014216 Definitions

 014217 Abbreviations

 014339 Mockup Requirements

Use one of three appropriate versions below.

\*# 015000.01 Construction Facilities And Temporary Controls New Construction

\*# 015000.02 Construction Facilities And Temporary Controls Rehab

 015116 Temporary Fire Pump And Generator

Use section below at the direction of the Team Leader for projects under construction during the heating season when temporary heat (not construction heat) is required.

# 015123 Construction Heat And Temporary Heat

Section below is prepared by the Division of Construction and must be approved by the Director of the Division of Construction and is furnished to the Team Leader for insertion into the project manual at the time of submission for bid processing. Use at the direction of the Team Leader when a larger and/or more complex field office that the one specified in 015000 is needed for the project.

 015213 State Field Office

Use section below when protection of vehicular traffic is required. This section should only be used when approved by the Business Unit Leader. On multi-contract projects this section should generally only be included in the construction work contract.

 015526 Traffic Maintenance And Protection

Use one of two versions below in all contracts for work at these facilities.

# 015633.01 Security DOCCS

# 015633.02 Security OCFS

# 015634 Maintaining Perimeter Security

 015720 Temporary Maintenance Of Sewer Flows And Sewer Service

 015813 Project Identification Sign

\*# 016500 Materials And Equipment

 017123 Field Engineering

\*# 017329 Removals Cutting And Patching

Use ANY TWO of the four versions below.

# 017419.01 Construction Waste Management

# 017419.02 LEED Construction Waste Management

# 017419.03 Contractor Construction Waste Management Report

# 017419.04 LEED Contractor Construction Waste Management Report

 017423 Pre-Occupancy Cleaning

\*# 017716 Contract Closeout

 017900.01 Video Training Programs

Use section below for detention equipment.

 017900.02 Video Training Programs Detention

# 018113 LEED Documentation Requirements

# 018113 LEED New Construction Project Scorecard 2009

# 018119 Construction Indoor Air Quality Management

 018120 Volatile Organic Compound Limits For Adhesives And Sealants

# 019113 General Commissioning Requirements

**facility CONSTRUCTION subgroup**

**Division 02 – Existing Conditions**

 **Section Number and Title**

 023313 Underground Utility Locator Service

 024116 Structure Demolition

 026500 Underground Storage Tank Removal – Abandonment

 028003 Disposal Of Non-Hazardous Industrial-Commercial Waste

 028213 Asbestos Abatement

 028303 Abatement Of Lead Containing Materials

 028304 Handling Of Lead Containing Materials

 028334 Water Tank Paint Removal

 028335 Lead Contaminated Soil Removal

 028402 Identifying Dielectric Fluids

 028403 Disposal Of PCB Liquid Filled Electrical Equipment

 028433 Abatement Of PCB Containing Caulk-Sealant Materials

 028533 Mold Remediation And Disposal

 028733 Bird, Bat And Rodent Droppings Remediation And Disposal

**Division 03 – Concrete**

 **Section Number and Title**

 030130 Maintenance Of Cast-In-Place Concrete

 031000 Concrete Forming And Accessories

 032000 Concrete Reinforcing

 033000 Cast-In-Place Concrete

 033713 Shotcrete

 034100 Precast Structural Concrete

 034500 Precast Architectural Concrete

 035300 Concrete Topping

 035413 Gypsum Cement Underlayment

 035416 Hydraulic Cement Underlayment

 036000 Grouting

**Division 04 – Masonry**

 **Section Number and Title**

 040110 Masonry Cleaning

 040120.63 Brick Masonry Repair

 040120.64 Brick Masonry Repointing

 040140.61 Stone Repair

 040140.62 Stone Repointing

 040310 Historic Masonry Cleaning

 040322 Historic Brick Unit Masonry Repair

 040323 Historic Brick Unit Masonry Repointing

 040326 Historic Terra Cotta Unit Masonry Repair

 040327 Historic Terra Cotta Unit Masonry Repointing

 040336 Historic Treatment Of Adobe Masonry

 040342 Historic Stone Masonry Repair

 040343 Historic Stone Masonry Repointing

 040345 Historic Stone Consolidation Treatment

 042000 Unit Masonry

 042200 Concrete Unit Masonry

 042300 Glass Unit Masonry

 042613 Masonry Veneer

 044200 Exterior Stone Cladding

 044313.13 Anchored Stone Masonry Veneer

 044313.16 Adhered Stone Masonry Veneer

 047200 Cast Stone Masonry

**Division 05 – Metals**

 **Section Number and Title**

 050371 Historic Decorative Metal Cleaning

 050372 Historic Decorative Metal Repair

 050373 Historic Decorative Metal Refinishing

 050374 Historic Decorative Metal Replication

 050383 Historic Cast Iron Repair

 050385 Historic Treatment Of Decorative Formed Metal

 050387 Historic Treatment Of Metal Sculpture

 051200 Structural Steel Framing

 051213 Architecturally Exposed Structural Steel Framing

 052100 Steel Joist Framing

 053100 Steel Decking

 054000 Cold-Formed Metal Framing

 054400 Cold-Formed Metal Trusses

 055000 Metal Fabrications

 055113 Metal Pan Stairs

 055116 Metal Floor Plate Stairs

 055119 Metal Grating Stairs

 055213 Pipe And Tube Railings

 057000 Decorative Metal

**Division 06 – Wood, Plastics, And Composites**

 **Section Number and Title`**

 061000 Rough Carpentry

 061053 Miscellaneous Rough Carpentry

 061063 Exterior Rough Carpentry

 061300 Heavy Timber Construction

 061600 Sheathing

 061753 Shop-Fabricated Wood Trusses

 061800 Glued-Laminated Construction

 062013 Exterior Finish Carpentry

 062023 Interior Finish Carpentry

 064013 Exterior Architectural Woodwork

 064023 Interior Architectural Woodwork

 064113 Wood-Veneer-Faced Architectural Cabinets

 064116 Plastic-Laminate-Clad Architectural Cabinets

 064214 Stile And Rail Wood Paneling

 064216 Flush Wood Paneling

 064219 Plastic-Laminate-Faced Wood Paneling

 064400 Ornamental Woodwork

 066400 Plastic Paneling

 067413 Fiberglass Reinforced Gratings

**Division 07 – Thermal And Moisture Protection**

 **Section Number and Title**

 070130 Maintenance Of Steep Slope Roofing

 070150 Modifications to Existing Warrantied Roof System

 070150.19 Preparation For Reroofing

 070153 EPDM Roofing Repair

 070160 Roof Flashing And Related Roof Repairs

 071113 Bituminous Dampproofing

 071326 Self-Adhering Sheet Waterproofing

 071353 Elastomeric Sheet Waterproofing

 071354 Thermoplastic Sheet Waterproofing

 071416 Cold Fluid-Applied Waterproofing

 071613 Polymer Modified Cement Waterproofing

 071616 Crystalline Waterproofing

 071700 Bentonite Waterproofing

 071800 Traffic Coatings

 071900 Water Repellents

 072100 Thermal Insulation

 072119 Foamed-In-Place Insulation

 072413 Polymer-Based Exterior Insulation and Finish System (EIFS)

 072500 Weather Barriers

 072600 Vapor Retarders

 072700 Air Barriers

 072713 Modified Bituminous Sheet Air Barriers

 072715 Nonbituminous Self-Adhering Sheet Air Barriers

 072726 Fluid-Applied Membrane Air Barriers

 073113 Asphalt Shingles

 073116 Metal Shingles

 073126 Slate Shingles

 073129 Wood Shingles And Shakes

 073213 Clay Roof Tiles

 074113.16 Standing-Seam Metal Roof Panels

 074116 Insulated Metal Roof Panels

 074213.13 Formed Metal Wall Panels

 074213.19 Insulated Metal Wall Panels

 074293 Soffit Panels

 074616 Aluminum Siding

 074619 Steel Siding

 074624 Wood Shingle And Shake Siding

 074633 Plastic Siding

 074646 Fiber Cement Siding

 075113 Built-Up Asphalt Roofing

 075116 Built-Up Coal Tar Roofing

 075216 Styrene-Butadiene-Styrene (SBS) Modified Bituminous Membrane Roofing

 075323 Ethylene-Propylene-Diene Monomer (EPDM) Roofing

 075419 Polyvinyl-Chloride (PVC) Roofing

 075423 Thermoplastic-Polyolefin (TPO) Roofing

 075551 Built-Up Bituminous Protected Membrane Roofing

 075552.16 Styrene-Butadiene-Styrene (SBS) Modified Bituminous Protected Membrane Roofing

 075553 Elastomeric Protected Membrane Roofing

 075556 Fluid-Applied Protected Membrane Roofing

 075713 Sprayed Polyurethane Foam Roofing

 076100 Sheet Metal Roofing

 076200 Sheet Metal Flashing And Trim

 076223 Fabricated Gutters And Downspouts

 077100 Roof Specialties

 077123 Manufactured Gutters And Downspouts

 077129 Manufactured Roof Expansion Joints

 077200 Roof Accessories

 077226 Ridge Vents

 077253 Snow Guards

 077273 Vegetated Roof Systems

 078100 Applied Fire Protection

 078123 Intumescent Fire Protection

 078200 Board Fire Protection

 078413 Penetration Firestopping

 078443 Joint Firestopping

 079100 Preformed Joint Seals

 079200 Joint Sealants

 079219 Acoustical Joint Sealants

**Division 08 – Openings**

 **Section Number and Title**

 080152.61 Wood Window Repairs

 080314 Historic Treatment Of Wood Doors

 080351.23 Historic Treatment Of Steel Windows

 080351.33 Historic Treatment Of Aluminum Windows

 080352 Historic Treatment Of Wood Windows

 081113 Hollow Metal Doors And Frames

 081119 Stainless Steel Doors And Frames

 081163.23 Aluminum Screen And Storm Doors

 081163.26 Residential Aluminum Screen And Storm Doors

 081173 Sliding Metal Fire Doors

 081416 Flush Wood Doors

 081433 Stile And Rail Wood Doors

 083113 Access Doors And Frames

 083313 Coiling Counter Doors

 083323 Overhead Coiling Doors

 083325 Composite Sectional Overhead Doors

 083326 Overhead Coiling Grilles

 083343 Overhead Coiling Smoke Curtains

 083344 Overhead Coiling Fire Curtains

 083459 Vault Doors And Day Gates

 083463 Detention Doors And Frames

 083473.13 Metal Sound Control Door Assemblies

 083473.16 Wood Sound Control Door Assemblies

 083513 Folding Doors

 083613 Sectional Doors

 083613 Sectional Doors-Thermal Option

 084113 Aluminum-Framed Entrances And Storefronts

 084126 All-Glass Entrances And Storefronts

 084126.23 Interior All-Glass Entrances

 084229.13 Folding Automatic Entrances

 084229.23 Sliding Automatic Entrances

 084229.33 Swinging Automatic Entrances

 084233 Revolving Door Entrances

 084236 Balanced Door Entrances

 084243 Intensive Care Unit-Critical Care Unit (ICU/CCU) Entrances

 084413 Glazed Aluminum Curtain Walls

 084423 Structural-Sealant-Glazed Curtain Walls

 084433 Sloped Glazing Assemblies

 084513 Structured-Polycarbonate-Panel Assemblies

 084523 Fiberglass-Sandwich-Panel Assemblies

 085113 Aluminum Windows

 085119 Stainless Steel Windows

 085123 Steel Windows

 085123.13 Hot-Rolled Steel Windows

 085123.23 Cold-Rolled Steel Windows

 085169 Metal Storm Windows

 085200 Wood Windows

 085300 Plastic Windows

 085313 Vinyl Windows

 085413 Fiberglass Windows

 085653 Security Windows

 085656 Security Window Screens

 085662 Steel Detention Windows – Sheet Steel Framing

 085663 Steel Detention Windows – Hot Rolled Framing

 085664 Steel Sliding Detention Windows

 086100 Roof Windows

 086200 Unit Skylights

 086300 Metal-Framed Skylights

 087100 Door Hardware

 087113 Power Door Operators

 087163 Detention Door Hardware

 088000 Glazing

 088113 Decorative Glass Glazing

 088300 Mirrors

 088400 Plastic Glazing

 088813 Fire Rated Glazing

 088853 Security Glazing

 089116 Operable Wall Louvers

 089119 Fixed Louvers

 089516 Wall Vents

**Division 09 – Finishes**

 **Section Number and Title**

 090190.52 Maintenance Repainting

 090320 Historic Treatment Of Plaster

 090353 Historic Treatment Of Metal Ceilings

 090391 Historic Treatment Of Plain Painting

 090394 Historic Treatment Of Decorative Painting

 090395 Historic Treatment Of Artistic Painting

 090398 Historic Treatment Of Gilding

 090561.13 Moisture Vapor Emission Control

 092116 Gypsum Board Assemblies

 092116.23 Gypsum Board Shaft Wall Assemblies

 092216 Non-Structural Metal Framing

 092300 Gypsum Plastering

 092400 Cement Plastering

 092613 Gypsum Veneer Plastering

 092713 Glass-Fiber-Reinforced Gypsum Fabrications

 092900 Gypsum Board

 093013 Ceramic Tiling

 093023 Glass Mosaic Tiling

 093033 Stone Tiling

 093500 Chemical Resistant Tiling

 095113 Acoustical Panel Ceilings

 095123 Acoustical Tile Ceilings

 095133 Acoustical Metal Pan Ceilings

 095423 Linear Metal Ceilings

 095426 Suspended Wood Ceilings

 095436 Suspended Decorative Grids

 095443 Stretched-Fabric Ceiling Systems

 095446 Fabric Wrapped Ceiling Panels

 095753 Security Ceiling Assemblies

 096229 Cork Flooring

 096313 Brick Flooring

 096340 Stone Flooring

 096400 Wood Flooring

 096466 Wood Athletic Flooring

 096513 Resilient Base And Accessories

 096516 Resilient Sheet Flooring

 096519 Resilient Tile Flooring

 096536 Static-Control Resilient Flooring

 096543 Linoleum Flooring

 096566 Resilient Athletic Flooring

 096613 Portland Cement Terrazzo Flooring

 096623 Resinous Matrix Terrazzo Flooring

 096723 Resinous Flooring

 096766 Fluid-Applied Athletic Flooring

 096813 Tile Carpeting

 096816 Sheet Carpeting

 096900 Access Flooring

 096933 Low-Profile Fixed Height Access Flooring

 097200 Wall Coverings

 097513 Stone Wall Facing

 097519 Stone Trim

 097713 Stretched-Fabric Wall Systems

 098433 Sound-Absorbing Wall Units

 098436 Sound-Absorbing Ceiling Units

 099114 Exterior Painting (MPI Standards)

 099123 Interior Painting

 099300 Staining And Transparent Finishing

 099600 High-Performance Coatings

 099613 Painting Water Treatment Plant

 099623 Painting Wastewater Treatment Plant

 099633 High-Temperature-Resistant Coatings

 099646 Intumescent Painting

 099653 Elastomeric Coatings

 099713.24 Steel Water Storage Tank Painting

 099723.24 Concrete Water Storage Tank Painting

 099726 Cementitious Coatings

**Division 10 – Specialties**

 **Section Number and Title**

 101100 Visual Display Units

 101146 Visual Display Fabrics

 101200 Display Cases

 101300 Directories

 101416 Plaques

 101419 Dimensional Letter Signage

 101423 Panel Signage

 101423.16 Room-Identification Panel Signage

 101426 Post And Panel/Pylon Signage

 101429 Modular Signage

 101473 Painted Signage

 101700 Telephone Specialties

 102113.13 Metal Toilet Compartments

 102113.14 Stainless-Steel Toilet Compartments

 102113.16 Plastic-Laminate-Clad Toilet Compartments

 102113.17 Phenolic-Core Toilet Compartments

 102113.19 Plastic Toilet Compartments

 102113.40 Stone Toilet Compartments

 102116.13 Metal Shower And Dressing Compartments

 102116.14 Stainless-Steel Shower And Dressing Compartments

 102116.17 Phenolic-Core Shower And Dressing Compartments

 102116.19 Plastic Shower And Dressing Compartments

 102123 Cubicle Curtains And Track

 102213 Wire Mesh Partitions

 102219 Demountable Partitions

 102233 Accordion Folding Partitions

 102239 Folding Panel Partitions

 102239.13 Folding Glass-Panel Partitions

 102600 Wall And Door Protection

 102800 Toilet, Bath, And Laundry Accessories

 102813.63 Detention Toilet Accessories

 102814 Electric Hand Dryers

 102819 Tub And Shower Enclosures

 104413 Fire Protection Cabinets

 104416 Fire Extinguishers

 104513 Photoluminescent Egress Path Markings

 105113 Metal Lockers

 105113.13 Coin-Operated Metal Lockers

 105116 Wood Lockers

 105123 Plastic-Laminate-Clad Lockers

 105143 Wire Mesh Storage Lockers

 105500.13 USPS-Delivery Postal Specialties

 105500.16 Private-Delivery Postal Specialties

 105613 Metal Storage Shelving

 105626 Mobile Storage Shelving

 107313 Awnings

 107343 Transportation Stop Shelters

 107516 Ground-Set Flagpoles

 107523 Wall-Mounted Flagpoles

 107526 Roof-Mounted Flagpoles

 107529 Plaza-Mounted Flagpoles

 108316 Banners

 108600 Safety- Security Mirrors

**Division 11 – Equipment**

 **Section Number and Title**

 111200 Parking Control Equipment

 111313 Loading Dock Bumpers

 111316 Loading Dock Seals And Shelters

 111319 Stationary Loading Dock Equipment

 111323 Portable Dock Equipment

The following spec.111901 is not available for editing by consultants. Coordinate with OGS PM.

 111901 Detention Equipment

 111902 Detention Accessories

 111903 Steel Detention Screens

 111904 Steel Security Screens

 111905 Secure Therapy Cubicle

 111916 Detention Gun Lockers

 113013 Residential Appliances

 113200 Unit Kitchens

 114000 Foodservice Equipment

 114100 Walk-In Box And Refrigeration Systems

 114103 Stainless Steel Pan And Trough Drain System

 115123 Library Stack Systems

 115213 Projection Screens

 115213.19 Rear Projection Screens

 115313 Laboratory Fume Hoods

 116123 Folding And Portable Stages

 116143 Stage Curtains

 116623 Gymnasium Equipment

 116653 Gymnasium Dividers

 116800 Play Field Equipment And Structures

 117300 Patient Care Equipment

 118226 Facility Waste Compactors

**Division 12 – Furnishings**

 **Section Number and Title**

 122413 Roller Window Shades

 123213 Manufactured Wood-Veneer-Faced Casework

 123216 Manufactured Plastic-Laminate-Clad Casework

 123553.13 Metal Laboratory Casework

 123553.16 Plastic-Laminate-Clad Laboratory Casework

 123553.19 Wood Laboratory Casework

 123570 Healthcare Casework

 123616 Metal Countertops

 123623.13 Plastic-Laminate-Clad Countertops

 123640 Stone Countertops

 123661.16 Solid Surfacing Countertops

 124813 Entrance Floor Mats And Frames

 124816 Entrance Floor Grilles

 125500 Detention Furniture

 126100 Fixed Audience Seating

 126600 Telescoping Stands

**Division 13 – Special Construction**

 **Section Number and Title**

 132001 Protection Padding System

 132126 Cold Storage Rooms

 132700 Vaults

 132701 Vault Doors And Day Gates

 133419 Metal Building Systems

 133423 Rectangular Salt Storage Structure

 133423.16 Fabricated Control Booths

 133424 Dome Salt Storage Structure

 134713 Cathodic Protection

 134900 Radiation Protection

**Division 14 – Conveying Equipment**

 **Section Number and Title**

 140120 Elevator Rehabilitation - Elevator(s) No.

 141000 Dumbwaiters

 142000 Elevators

 142111 Elevator Hoisting Equipment - Gearless Electric

 142112 Elevator Hoisting Equipment - Geared Electric

 142411 Elevator Hoisting Equipment - Hydraulic

 142711 Elevator Cars

 142813 Elevator Door Operators

 142816 Elevator Controller And Operation

 142820 Elevator Hoistway Equipment

 142821 Elevator Hoistway Entrances

 142851 Elevator Safety Equipment

 142861 Elevator Landing Signal Equipment

 142871 Elevator Emergency Operation And Emergency Signal Devices

 142881 Elevator Wiring

 144216 Vertical Wheelchair Lift

 144400 Sidewalk Elevator

 144501 Surface Mounted Vehicle Lifts

**Division 21 – Fire SupPression**

 **Section Number and Title**

 210513 Common Motor Requirements For Fire Suppression Equipment

 210517 Sleeves And Sleeve Seals For Fire-Suppression Piping

 210518 Escutcheons For Fire-Suppression Piping

 210523 General-Duty Valves For Water-Based Fire-Suppression Piping

 210524 Backflow Preventers

 210529 Hangers And Supports For Fire Suppression Piping And Equipment

 210533 Heat Tracing For Fire Suppression Piping

 210548 Vibration And Seismic Controls For Fire-Suppression Piping And Equipment

 210548.13 Vibration Controls For Fire-Suppression Piping And Equipment

 210553 Identification For Fire-Suppression Piping And Equipment

 210700 Fire- Suppression System Insulation

 210800 Commissioning Of Fire Suppression

 211100 Facility Fire-Suppression Water-Service Piping

 211116 Facility Fire Hydrants

 211119 Fire Department Connections

 211200 Fire-Suppression Standpipes

 211213 Fire-Suppression Hoses And Nozzles

 211313 Wet-Pipe Sprinkler Systems

 211316 Dry-Pipe Sprinkler Systems

 211339 Foam-Water Systems

 212113.13 High Pressure, Carbon-Dioxide Fire-Extinguishing Systems

 212113.16 Low Pressure, Carbon-Dioxide Fire-Extinguishing Systems

 212200 Clean-Agent Fire-Extinguishing Systems

 213113 Electric-Drive, Centrifugal Fire Pumps

 213116 Diesel-Drive, Centrifugal Fire Pumps

 213213 Electric-Drive, Vertical-Turbine Fire Pumps

 213216 Diesel-Drive, Vertical-Turbine Fire Pumps

 213413 Pressure-Maintenance Pumps

 213900 Controllers For Fire-Pump Drivers

**Division 22 – Plumbing**

 **Section Number and Title**

 220513 Common Motor Requirements For Plumbing Equipment

 220516 Expansion Fittings And Loops For Plumbing Piping

 220517 Sleeves And Sleeve Seals For Plumbing Piping

 220518 Escutcheons For Plumbing Piping

 220519 Meters And Gages For Plumbing Piping

 220523 General-Duty Valves For Plumbing Piping

 220523.12 Ball Valves For Plumbing Piping

 220523.13 Butterfly Valves For Plumbing Piping

 220523.14 Check Valves For Plumbing Piping

 220523.15 Gate Valves For Plumbing Piping

 220529 Hangers And Supports For Plumbing Piping And Equipment

 220533 Heat Tracing For Plumbing Piping

 220548 Vibration And Seismic Controls For Plumbing Piping And Equipment

 220548.13 Vibration Controls For Plumbing Piping And Equipment

 220553 Identification For Plumbing Piping And Equipment

 220700 Plumbing Insulation

 220716 Plumbing Equipment Insulation

 220719 Plumbing Piping Insulation

 220800 Commissioning Of Plumbing

 221000 Plumbing Piping

 221100 Facility Water Distribution

 221113 Facility Water Distribution Piping

 221116 Domestic Water Piping

 221117 Gray-Water Piping

 221119 Domestic Water Piping Specialties

 221123.13 Domestic-Water Packaged Booster Pumps

 221123.21 Inline, Domestic-Water Pumps

 221200 Facility Potable-Water Storage Tanks

 221216 Facility Elevated, Potable-Water Storage Tanks

 221219 Facility Ground-Mounted, Potable-Water Storage Tanks

 221223.11 Facility Indoor Potable-Water Storage Tanks

 221300 Facility Sanitary Sewerage

 221313 Facility Sanitary Sewers

 221316 Sanitary Waste And Vent Piping

 221319 Sanitary Waste Piping Specialties

 221319.13 Sanitary Drains

 221323 Sanitary Waste Interceptors

 221329 Sanitary Sewerage Pumps

 221343 Facility Packaged Sewage Pumping Stations

 221353 Facility Septic Tanks

 221363 Facility Gray-Water Storage Tanks

 221400 Facility Storm Drainage

 221413 Facility Storm Drainage Piping

 221423 Storm Drainage Piping Specialties

 221429 Sump Pumps

 221429.16 Submersible Sump Pumps

 221463 Facility Storm-Water Retention Tanks

 221513 General-Service Compressed-Air Piping

 221516 General Service Compressed-Air Valves

 221519 General-Service Packaged Air Compressors And Receivers

 223100 Domestic Water Softeners

 223200 Domestic Water Filtration Equipment

 223300 Electric, Domestic-Water Heaters

 223400 Fuel-Fired, Domestic-Water Heaters

 223500 Domestic-Water Heat Exchangers

 224000 Plumbing Fixtures

 224100 Residential Plumbing Fixtures

 224213.13 Commercial Water Closets

 224213.16 Commercial Urinals

 224216.13 Commercial Lavatories

 224216.16 Commercial Sinks

 224223 Commercial Showers

 224233 Wash Fountains

 224300 Healthcare Plumbing Fixtures

 224500 Emergency Plumbing Fixtures

 224600 Security Plumbing Fixtures

 224713 Drinking Fountains

 224716 Pressure Water Coolers

 224723 Remote Water Coolers

 225100 Swimming Pool Plumbing Systems

 226000 Gas And Vacuum Systems For Laboratory And Healthcare Facilities

 226113 Compressed-Air Piping For Laboratory And Healthcare Facilities

 226119 Compressed-Air Equipment For Laboratory And Healthcare Facilities

 226213 Vacuum Piping For Laboratory And Healthcare Facilities

 226219 Vacuum Equipment For Laboratory And Healthcare Facilities

 226313 Gas Piping For Laboratory And Healthcare Facilities

 226400 Medical Gas Alarms

 226600 Chemical-Waste Systems For Laboratory And Healthcare Facilities

 226713 Processed Water Piping For Laboratory And Healthcare Facilities

 226719 Processed Water Equipment For Laboratory And Healthcare Facilities

**Division 23 – Heating Ventilating And Air Conditioning**

 **Section Number and Title**

 230130.52 Existing HVAC Air Distribution System Cleaning

 230503 Pipes And Tubes For HVAC Piping And Equipment

 230513 Common Motor Requirements For HVAC Equipment

 230516 Expansion Fittings And Loops For HVAC Piping

 230517 Sleeves And Sleeve Seals For HVAC Piping

 230518 Escutcheons For HVAC Piping

 230519 Meters And Gages For HVAC Piping

 230523 General-Duty Valves For HVAC Piping

 230523.11 Globe Valves For HVAC Piping

 230523.12 Ball Valves For HVAC Piping

 230523.13 Butterfly Valves For HVAC Piping

 230523.14 Check Valves For HVAC Piping

 230523.15 Gate Valves For HVAC Piping

 230523.16 Plug Valves For HVAC Piping

 230529 Hangers And Supports For HVAC Piping And Equipment

 230533 Heat Tracing For HVAC Piping

 230546 Coatings For HVAC

 230548 Vibration And Seismic Controls For HVAC

 230548.13 Vibration Controls For HVAC

 230553 Identification For HVAC Piping And Equipment

 230566 Anti-Microbial Ultraviolet Lamp Systems For HVAC

 230593 Testing, Adjusting, And Balancing For HVAC

 230700 HVAC Insulation

 230713 Duct Insulation

 230716 HVAC Equipment Insulation

 230719 HVAC Piping Insulation

 230800 Commissioning Of HVAC

 230900 Instrumentation And Control For HVAC

 230923 Direct Digital Control (DDC) System For HVAC

 230923.11 Control Valves

 230923.12 Control Dampers

 230923.13 Energy Meters

 230923.14 Flow Instruments

 230923.16 Gas Instruments

 230923.17 Level Instruments

 230923.18 Leak Detection Instruments

 230923.19 Moisture Instruments

 230923.21 Motion Instruments

 230923.22 Position Instruments

 230923.23 Pressure Instruments

 230923.24 Speed Instruments

 230923.27 Temperature Instruments

 230923.33 Vibration Instruments

 230923.43 Weather Stations

 230924.0 Modifications to Direct Digital Building Control System

 230953 Pneumatic And Electric Control System For HVAC

 230993 Sequence Of Operations For HVAC Controls

 230993.11 Sequence Of Operations For HVAC DDC

 231113 Facility Fuel-Oil Piping

 231116 Facility Gasoline Piping

 231123 Facility Natural-Gas Piping

 231126 Facility Liquefied-Petroleum Gas Piping

 231213 Facility Fuel-Oil Pumps

 231216 Facility Gasoline Dispensing Pumps

 231300 Facility Fuel-Storage Tanks

 231313 Facility Underground Fuel-Oil Storage Tanks

 231323 Facility Aboveground Fuel-Oil Storage Tanks

 232113 Hydronic Piping

 232113.13 Underground Hydronic Piping

 232113.33 Ground-Loop Heat-Pump Piping

 232116 Hydronic Piping Specialties

 232123 Hydronic Pumps

 232213 Steam And Condensate Piping

 232213.13 Underground Steam And Condensate Heating Piping

 232216 Steam And Condensate Heating Piping Specialties

 232223 Steam Condensate Pumps

 232300 Refrigerant Piping

 232416 Internal-Combustion Engine Exhaust Piping

 232500 HVAC Water Treatment

 232513 Water Treatment For Closed-Loop Hydronic Systems

 232516 Water Treatment For Open-Loop Hydronic Systems

 232519 Water Treatment For Steam System Feedwater

 232523 Water Treatment For Humidification Steam System Feedwater

 232533 HVAC Makeup-Water Filtration Equipment

 233100 HVAC Ducts And Casings

 233113 Metal Ducts

 233116 Nonmetal Ducts

 233119.13 Shop-Fabricated HVAC Casings

 233119.16 Manufactured HVAC Casings

 233300 Air Duct Accessories

 233346 Flexible Ducts

 233400 HVAC Fans

 233413 Axial HVAC Fans

 233416 Centrifugal HVAC Fans

 233423 HVAC Power Ventilators

 233433.13 Commercial Air Curtains

 233433.16 Industrial Air Curtains

 233439 High-Volume, Low-Speed Fans

 233533 Listed Kitchen Ventilation System Exhaust Ducts

 233600 Air Terminal Units

 233700 Air Outlets And Inlets

 233713.13 Air Diffusers

 233713.23 Registers And Grilles

 233713.43 Security Registers And Grilles

 233716 Fabric Air-Distribution Devices

 233723 HVAC Gravity Ventilators

 233813 Commercial-Kitchen Hoods

 234000 HVAC Air Cleaning Devices

 234100 Particulate Air Filtration

 234133 High-Efficiency Particulate Air Filtration

 234200 Gas-Phase Air Filtration

 234300 Electronic Air Cleaners

 235100 Breechings, Chimneys, And Stacks

 235113.11 Draft Control Fans

 235113.16 Vent Dampers

 235116 Fabricated Breechings And Accessories

 235123 Gas Vents

 235133 Insulated Sectional Chimneys

 235213 Electric Boilers

 235216 Condensing Boilers

 235223 Cast-Iron Boilers

 235233 Water-Tube Boilers

 235233.13 Finned Water-Tube Boilers

 235233.14 Flexible Water-Tube Boilers

 235233.16 Steel Water-Tube Boilers

 235239 Fire-Tube Boilers

 235300 Heating Boiler Feedwater Equipment

 235313 Boiler Feedwater Pumps

 235316 Deaerators

 235400 Furnaces

 235413 Electric-Resistance Furnaces

 235416.13 Gas-Fired Furnaces

 235416.16 Oil-Fired Furnaces

 235500 Fuel-Fired Heaters

 235513.16 Gas-Fired Duct Heaters

 235523.13 Low-Intensity, Gas-Fired, Radiant Heaters

 235523.16 High-Intensity, Gas-Fired, Radiant Heaters

 235533.13 Oil-Fired Unit Heaters

 235533.16 Gas-Fired Unit Heaters

 235613 Heating Solar Collectors

 235613.13 Heating, Flat-Plate, Solar Collectors

 235613.19 Heating, Solar, Vacuum-Tube Collectors

 235700 Heat Exchangers For HVAC

 236100 Refrigerant Compressors

 236200 Packaged Compressor And Condenser Units

 236313 Air-Cooled Refrigerant Condensers

 236333 Evaporative Refrigerant Condensers

 236413 Absorption Water Chillers

 236413.13 Direct-Fired Absorption Water Chillers

 236413.16 Indirect-Fired Absorption Water Chillers

 236416 Centrifugal Water Chillers

 236419 Reciprocating Water Chillers

 236423 Scroll Water Chillers

 236423.13 Air-Cooled, Scroll Water Chillers

 236423.16 Water-Cooled, Scroll Water Chillers

 236426 Rotary-Screw Water Chillers

 236426.13 Air-Cooled, Rotary-Screw Water Chillers

 236426.16 Water-Cooled, Rotary-Screw Water Chillers

 236500 Cooling Towers

 236513.13 Open-Circuit, Forced-Draft Cooling Towers

 236513.16 Closed-Circuit, Forced-Draft Cooling Towers

 236514.13 Open-Circuit, Induced-Draft, Counterflow Cooling Towers

 236514.14 Open-Circuit, Induced-Draft, Crossflow Cooling Towers

 236514.16 Closed-Circuit, Induced-Draft, Counterflow Cooling Towers

 236514.17 Closed-Circuit, Induced-Draft, Combined-Flow Cooling Towers

 236523 Field-Erected Cooling Towers

 237213 Heat Wheel Air-To-Air Energy Recovery Units

 237216 Heat Pipe Air-To-Air Energy Recovery Units

 237219 Fixed Plate Air-To-Air Energy Recovery Units

 237223.13 Packaged, Indoor Heat Wheel Energy Recovery Units

 237223.19 Packaged, Indoor Fixed Plate Energy Recovery Units

 237223.23 Packaged, Outdoor Heat Wheel Energy Recovery Units

 237223.29 Packaged, Outdoor Fixed Plate Energy Recovery Units

 237300 Indoor Central-Station Air-Handling Units

 237313.13 Indoor, Basic Air-Handling Units

 237313.16 Indoor, Semi-Custom Air-Handling Units

 237313.19 Indoor, Custom Air-Handling Units

 237333.16 Indoor, Indirect, Gas-Fired Heating And Ventilating Units

 237339 Indoor, Direct-Fired Heating And Ventilating Units

 237343.16 Outdoor, Semi-Custom Air Handling Units

 237343.19 Outdoor, Custom Air Handling Units

 237413 Packaged, Outdoor, Central-Station Air Handling Units

 237416.11 Packaged, Small-Capacity, Rooftop Air-Conditioning Units

 237416.12 Packaged, Intermediate-Capacity, Rooftop Air-Conditioning Units

 237416.13 Packaged, Large-Capacity, Rooftop Air-Conditioning Units

 237423.13 Packaged, Direct-Fired, Outdoor, Heating-Only Makeup-Air Units

 237423.16 Packaged, Indirect-Fired, Outdoor, Heating-Only Makeup-Air Units

 237433 Dedicated Outdoor-Air Units

 238113 Packaged Terminal Air-Conditioners

 238113.11 Packaged Terminal Air-Conditioners, Through-Wall Units

 238113.12 Packaged Terminal Air-Conditioners, Freestanding Units

 238113.13 Packaged Terminal Air-Conditioners, Outdoor, Wall-Mounted Units

 238119 Self-Contained Air-Conditioners

 238123 Computer Room Air-Conditioners

 238123.11 Small Capacity (6 Tons (21kW) And Smaller), Computer-Room Air-Conditioners, Floor-Mounted Units

 238123.12 Large Capacity (7 Tons (25kW) And Larger), Computer-Room Air-Conditioners, Floor-Mounted Units

 238123.13 Computer-Room Air-Conditioners, Ceiling-Mounted Units

 238123.14 Computer-Room Air-Conditioners, Console Units

 238123.18 Computer-Room, Rack-Cooling Equipment

 238126 Split-System Air-Conditioners

 238129 Variable-Refrigerant-Flow HVAC Systems

 238143 Air-Source Unitary Heat Pumps

 238146 Water-Source Unitary Heat Pumps

 238146.13 Water-To-Air Heat Pumps

 238200 Convection Heating And Cooling Units

 238213 Valence Heating And Cooling Units

 238214 Chilled Beams

 238216.11 Hydronic Air Coils

 238216.12 Steam Air Coils

 238216.13 Refrigerant Air Coils

 238216.14 Electric-Resistance Air Coils

 238219 Fan Coil Units

 238223 Unit Ventilators

 238229 Radiators

 238233 Convectors

 238236 Finned-Tube Radiation Heaters

 238239.13 Cabinet Unit Heaters

 238239.16 Propeller Unit Heaters

 238239.19 Wall And Ceiling Unit Heaters

 238300 Radiant Heating Units

 238313 Radiant-Heating Electric Cables

 238316 Radiant-Heating Hydronic Piping

 238323 Radiant-Heating Electric Panels

 238400 Humidity Control Equipment

 238413.16 Wetted-Element Humidifiers

 238413.19 Atomizing Humidifiers

 238413.23 Direct-Steam-Injection Humidifiers

 238413.29 Self-Contained Steam Humidifiers

 238413.36 Heat Exchanger Humidifiers

 238416.13 Outdoor, Mechanical Dehumidification Units

 238416.16 Indoor, Mechanical Dehumidification Units

**Division 26 – Electrical**

 **Section Number and Title**

 260221 Motors And Motor Controllers

 260505 Wiring for Gate System

 260506 Wiring for Detention Equipment

 260513 Medium-Voltage Cables

 260519 Low-Voltage Electrical Power Conductors And Cables

 260523 Control-Voltage Electrical Power Cables

 260526 Grounding And Bonding For Electrical Systems

 260529 Hangers And Supports For Electrical Systems

 260533 Raceways And Boxes For Electrical Systems

 260539 Underfloor Raceways For Electrical Systems

 260543 Underground Ducts And Raceways For Electrical Systems

 260544 Sleeves And Sleeve Seals For Electrical Raceways And Cabling

 260548 Vibration And Seismic Controls For Electrical Systems

 260553 Identification For Electrical Systems

 260573.13 Short-Circuit Studies

 260573.16 Coordination Studies

 260573.19 Arc-Flash Hazard Analysis

 260913 Electrical Power Monitoring And Control

 260923 Lighting Control Devices

 260936 Modular Dimming Controls

 260943.16 Addressable-Luminaire Lighting Controls

 260943.23 Relay-Based Lighting Controls

 261116.11 Secondary Unit Substations with Switchgear Secondary

 261116.12 Secondary Unit Substations with Switchboards Secondary

 261116.13 Secondary Unit Substations with Motor Control Center Secondary

 261213 Liquid-Filled, Medium-Voltage Transformers

 261216 Dry-Type, Medium-Voltage Transformers

 261219 Pad-Mounted, Liquid-Filled, Medium-Voltage Transformers

 261220 Transformers-Station Type

 261221 Replace Load Center Unit Substation Transformer

 261323 Medium-Voltage, Metal-Enclosed Switchgear

 261326 Medium-Voltage, Metal-Clad Switchgear

 261329 Medium-Voltage, Pad-Mounted Switchgear

 261330 Load Center Unit Substation

 262211 Transformers-Indoor Distribution Liquid Immersed

 262213 Low-Voltage Distribution Transformers

 262413 Switchboards

 262419 Motor-Control Centers

 262500 Enclosed Bus Assemblies

 262502 Busway System, Plug-In

 262503 Busway System Feeder

 262713 Electricity Metering

 262719 Multi-Outlet Assemblies

 262726 Wiring Devices

 262733 Power Distribution Units

 262743 Electric-Vehicle Service Equipment-AC Level 1 And Level 2

 262746 Electric-Vehicle Service Equipment-DC Level 1 And Level 2

 262811 Main Service Disconnect-Under 600 V

 262813 Fuses

 262816 Enclosed Switches And Circuit Breakers

 262913.03 Manual And Magnetic Motor Controllers

 262913.06 Soft-Start Motor Controllers

 262923 Variable-Frequency Motor Controllers

 263213.13 Diesel -Engine-Driven Generator Sets

 263213.16 Gas-Engine-Driven Generator Sets

 263214 Diesel-Alternator Emergency System For Under 15KW – 600V Max

 263215 Diesel-Alternator Power System For 600V Max

 263323.11 Central Battery Equipment For Emergency Lighting

 263343 Battery Chargers

 263353 Static Uninterruptible Power Supply

 263600 Transfer Switches

 264113 Lightning Protection For Structures

 264313 Surge Protection For Low-Voltage Electrical Power Circuits

 265116 Fluorescent Interior Lighting

 265119 LED Interior Lighting

 265123 HID Interior Lighting

 265213 Emergency And Exit Lighting

 265613 Lighting Poles And Standards

 265619 LED Exterior Lighting

 265621 HID Exterior Lighting

 265668 Exterior Athletic Lighting

**Division 27 – Communications**

 **Section Number and Title**

Use Section below in conjunction with CCTV Systems, such as Section 282301.

 271524 Optical Fiber Cables

Use Section below in conjunction with Fire Alarm Systems or Direct Digital Building Control Systems.

 271525 Optical Fiber Cables

 273601 Telephone Interconnection Cabinets And Boards

 274171 Community Antenna Television (CATV) System

 274172 Inmate Radio And CATV System

 275111 Intercom System

 275112 Intercom And Zone Paging System

 275113 Primary Satellite Intercom System

 275114 Telephone Intercom And Paging System

 275116 Public Address System

 275117 Modifications To Public Address System

Select the version of the Section below based on the number of stations required.

 275223 Nurse Call System – For 130 Station Max

 275223 Nurse Call System - For Over 1000 Stations Max

**Division 28 – Electronic Safety And Security**

 **Section Number and Title**

 281300 Card Access Control System

 281354 Metal Detector

 281601 Main Security Console

 281602 Fence Accessory Stations For Perimeter Security Systems

 281603 Perimeter Security Multiplex System

 281604 Microwave Detection System - Testing And Adjustments

Use the Section below in conjunction with Section 281603.

 281604 Microwave Detection System

Use the Section below in conjunction with Section 281603.

 281605 Sensor Cable Detection System

 281606 Perimeter Alarm Monitoring And Inground Detection System

Use the Section below in conjunction with Section 281603.

 281607 Infrared Detection System

Use the Section below in conjunction with Section 281603.

 281608 Taut Wire Fence And Alarm System

Use the Section below in conjunction with Section 281603.

 281609 E-Field Detection System

 281611 Modifications To Main Security Console

 281613 Modifications To Perimeter Security Multiplex System

 281615 Modifications To Electronic Fence Alarm System

Use the Section below in conjunction with Section 281613.

 281615 Modifications To Electric Fence

Use the Section below in conjunction with Section 281603.

 281618 Modifications To Taut Wire Fence And Alarm System

 281650 Systems Programming Computer

Use the Section below in conjunction with Section 281603.

 282301 Perimeter Surveillance CCTV System

 282302 CCTV System - Special Housing Unit

 282303 CCTV System - Corridor And Stairs

Select the version of the Section below based on the number of inputs and outputs required.

 282304 Indoor And Outdoor Surveillance CCTV System - 64 Inputs 8 Outputs

 282304 Indoor And Outdoor Surveillance CCTV System - 256 Inputs 64 Outputs

 282304 Indoor And Outdoor Surveillance CCTV System – 5121 Inputs 64 Outputs

 282305 CCTV System

 282315 Modifications To Perimeter Surveillance CCTV System

 283101 Protected Premises Fire Alarm System – Not For DCS

 283101 Protected Premises Fire Alarm System – For DCS

Select the alternate version of the Section below if the project is located in NYC.

 283102 Protected Premises Fire Alarm/Emergency Communication System

 283102 Protected Premises Fire Alarm/Emergency Communication System – For NYC

 283103 Proprietary Fire Alarm System

 283105 Modifications To Fire Alarm System

 284601 Electronic Door Locking And Monitoring System

 284602 Door Alarm System

 284603 Door Buzzer System

**site and infrastructure subgroup**

**Division 31 – Earthwork**

 **Section Number and Title**

 310000 Earthwork

 310001 Earthwork Materials

 312316.26 Rock Removal

 312319 Dewatering

 312323.33 Flowable Fill

 312500 Erosion And Sedimentation Controls

 312514.13 Hydraulically-Applied Erosion Control

 313213.16 Cement Soil Stabilization

 313600 Gabions

 315000 Excavation Support And Protection

 315200 Cofferdams

 316213 Precast Concrete Piles

 316216 Steel Piles

 316219 Timber Piles

 316223 Composite Piles

 316300 Bored Piles

 316316 Auger Cast Grout Piles

 316329 Drilled Concrete Piers And Shafts

**Division 32 – Exterior Improvements**

 **Section Number and Title**

 320116 Flexible Paving Rehabilitation

 320126 Rigid Paving Rehabilitation

 321216 Asphalt Paving

 321313 Concrete Paving

 321373 Concrete Paving Joint Sealants

 321400 Unit Paving

 321443 Porous Unit Paving

 321613 Concrete Curbs And Gutters

 321613.23 Precast Concrete And Granite Curbing

 321723 Pavement Markings

 321724 Athletic Track Line Marking

 321725 Pavement Game Line Marking

 321726 Tactile Warning Surfacing

 323113 Chain Link Fences And Gates

 323113.53 High-Security Chain Link Fences And Gates

Use the Section below for DOCCS projects.

 323114 Gate Systems

 323115 Sliding Gate Operator System

 323123 Plastic Fences And Gates

 323223 Segmental Retaining Walls

 323300 Site Furnishings

 323313 Site Bicycle Racks

 327100 Constructed Wetland

 329200 Turf And Grasses

 329300 Plants

**Division 33 – Utilities**

 **Section Number and Title**

 330110.58 Disinfection Of Water Utility Piping Systems

 330110.59 Disinfection Of Water Utility Storage Tanks

 330110.61 Repairing Steel Water Storage Tank

 330130.11 Television Inspection Of Sewers

 330130.61 Packer Injection Grouting

 330130.72 Cured-In-Place Pipe Lining

 330130.79 Fold-And-Form Pipe Lining

 330130.81 Rehabilitation Of Manholes

 330130.86 Manhole Rim Adjustment

 330130.87 Changing Elevations of Manholes And Drainage Structures

 330130.91 Restoration Of Manholes

 330505.31 Hydrostatic Testing

 330505.33 Infiltration And Exfiltration Testing

 330505.36 Vacuum Testing

 330505.41 Air Testing

 330505.43 Mandrel Testing

 330507 Trenchless Installation Of Utility Piping

 330507.13 Utility Directional Drilling

 330509.33 Thrust Restraint For Utility Piping

 330553 Identification For Utilities Piping And Equipment

 330561 Concrete Manholes

 330563 Concrete Vaults And Chambers

 330573 Polyethylene Manholes

 330576 Fiberglass Manholes

 330577 Fiberglass Metering Manholes

 330597 Identification And Signage For Utilities

 331113 Potable Water Supply Wells

 331205 Drinking Fountain

 331413 Public Water Utility Distribution Piping

 331416 Site Water Utility Distribution Piping

 331417 Site Water Service Utility Laterals

 331419 Valves And Hydrants For Water Utility Service

 331419.71 Changing Elevations Of Hydrants And Hydrant Levels

 331419.81 Changing Elevations Of Value Boxes

 331419.82 Removing And Relocating Hydrants And Valves

 331616 Multi-Column Elevated Steel Water Storage Tanks

 331636 Ground-Level Reinforced Concrete Water Storage Tanks

 331900 Water Utility Metering Equipment

 333100.13 Sanitary Sewerage Piping

 333123 Sanitary Sewerage Force Main Piping

 333126 Sanitary Pressure Sewer Piping

 333211 Field-Erected Wastewater Pumping Stations

 333213 Packaged Wastewater Pumping Stations

 333216 Packaged Wastewater Grinder Pump Assemblies

 333219 Septic Tank Effluent Pumps

 333413.13 Concrete Septic Tanks

 333413.23 Fiberglass Septic Tanks

 333413.33 Polyethylene Septic Tanks

 333451 Drainage Field System

 333453 Distribution Chambers

 334113 Foundation Drainage

 334119 Underslab Drainage

 334200 Stormwater Conveyance

 334213 Stormwater Culverts

 334236 Stormwater Trench Drains

 335216 Gas Hydrocarbon Piping

 337116 Electrical Poles

 337119 Electrical Underground Ducts, Ductbanks, And Manholes

 337126 Transmission And Distribution Equipment

 337149.13 Overhead Medium-Voltage Wiring

 337173 Electrical Utility Services

 337753 Medium-Voltage Utility Reclosers

 337900 Site Grounding

**Division 34 – Transportation**

 **Section Number and Title**

 344113 Traffic Signs

 347113 Vehicle Barriers

 347115 Site Bollards

**process equipment subgroup**

**Division 40 – Process Integration**

 **Section Number and Title**

 400506 Couplings, Adapters, And Specials For Process Piping

 400507 Hangers And Supports For Process Piping

 400512 Brass Process Pipe

 400517 Copper Process Pipe And Tubing

 400519 Ductile Iron Process Pipe

 400523 Stainless Steel Process Pipe And Tubing

 400524 Steel Process Pipe

 400531 Thermoplastic Process Pipe

 400536 Fiberglass-Reinforced Plastic Process Pipe

 400539.13 Concrete Pressure Water Pipe

 400539.23 Concrete Gravity And Drainage Process Pipe

 400551 Common Requirements For Process Valves

 400553 Identification For Process Piping

 400557 Actuators For Process Valves And Gates

 400559.21 Aluminum Slide Gates

 400559.23 Stainless Steel Slide Gates

 400559.26 Fiberglass-Reinforced Plastic Slide Gates

 400559.33 Cast Iron Slide Gates

 400561 Gate Valves

 400561.43 Knife Gate Valves

 400562 Plug Valves

 400563 Ball Valves

 400564 Butterfly Valves

 400565.11 Angle Valves

 400565.13 Cone Valves

 400565.16 Globe Valves

 400565.23 Swing Check Valves

 400565.26 Tilting Disc Check Valves

 400565.29 Double-Disk Check Values

 400567 Specialized Pressure And Flow-Control Valves

 400567.13 Reduced-Pressure Zone Backflow Preventors For Process Service

 400567.16 Double Check Value Assembly Backflow Preventors For Process Service

 400567.23 Pressure Vacuum Breaker Backflow Preventors

 400567.26 Atmospheric Vacuum Breaker Backflow Preventors

 400567.29 Hose Connection Vacuum Breaker Backflow Preventors

 400567.36 Pressure-Regulating Valves

 400567.39 Pressure-Relief Valves

 400571.16 Flap Gates

 400571.23 Mud Valves

 400571.33 Telescoping Valves

 400574.13 Diaphragm Valves

 400574.23 Pinch Valves

 400578.11 Air Release Valves For Water Service

 400578.13 Air/Vacuum Valves For Water Service

 400578.19 Combination Air Valves For Water Service

 400578.21 Air Release Valves For Wastewater Services

 400578.23 Air/Vacuum Valves For Wastewater Service

 400578.29 Combination Air Valves For Wastewater Service

 400581.26 Freeze-Proof Yard Hydrants

 400581.27 Freeze-Proof Ground Hydrants

 400582 Solenoid Valves For Process Service

 400589.13 Basket Strainers For Process Service

 400593 Common Motor Requirements For Process Equipment

 400596 Vibration And Seismic Controls For Process Equipment

 401113 Low-Pressure Stream Process Piping

 401116 Intermediate-Pressure Stream Process Piping

 401119 High-Pressure Stream Process Piping

 401123 Condensate Process Piping For Process Applications

 401649 Sulfur Dioxide Gas Piping

 401813 Low-Vacuum Systems Process Piping

 402319 Non-Potable Plant Water Process Piping

 402323 Potable Water Process Piping

 402329 Recirculated Water Process Piping

 402340 Sanitary Wastewater Process Piping

 402341 Grit Process Piping

 402343 Scum And Floatables Process Piping

 402344 Primary Sludge Process Piping

 402346 Waste Sludge Process Piping

 402414 Liquid Chlorine And Sodium Hypochlorite Piping

 402419 Slurries Process Piping

 402423 Thixotropic Liquid Piping

 402510 Liquid Acids Piping

 402550 Liquid Bases Piping

 402600 Liquid Polymer Piping

 403250 Nonabrasive Materials Piping And Chutes

 403326 Diverter Bulk Materials Valves

 404113.13 Process Piping Electrical Resistance Heat Tracing

 404113.26 Process Piping Thermal Fluids Heat Tracing

 404123.26 Process Equipment Thermal Fluids Heat Tracing

 404213 Process Piping Insulation

 404223 Process Equipment Insulation

 404642 Cathodic Process Corrosion Protection

 406343 Programmable Logic Controllers

 406700 Control System Equipment Panels And Racks

 407113 Magnetic Flow Meters

 407123.13 Venturi Flow Meters

 407123.23 Orifice Plate Flow Meters

 407123.36 Pitot Tube And Averaging Pitot Tube Flow Meters

 407133 Propeller Flow Meters

 407143 Variable Area Flow Meters

 407166 Transit Time Flow Meters

 407169 Open Channel Flow Meters

 407179 Flow Switches

 407213 Ultrasonic Level Meters (Continuous And Point Type)

 407223 Radar Level Meters

 407233 Capacitance Type Level Meters (Continuous And Point Type)

 407243 Pressure And Differential Pressure Type Level Meters

 407276 Level Switches

 407313 Pressure And Differential Pressure Gauges

 407326 Gauge-Pressure Transmitters

 407336 Pressure And Differential Pressure Switches

 407363 Diaphragm Seals

 407413 Resistance Temperature Devices

 407416 Thermocouples

 407513 pH/ORP Analyzers

 407556 Suspended Solids/Sludge Density Analyzers

 407636 Sulfur Dioxide Analyzers

**Division 41 – Material Processing And Handling Equipment**

 **Section Number and Title**

 412200 Hoists And Cranes

**Division 44 – Pollution Control Equipment**

 **Section Number and Title**

 440601 Sludge Collectors

 444201 Mechanical Bar Screens And Grinders

 444226 Communitor

 444239 Grit Chamber Tank

 444249 Oil-Water Separator

 444601 Plunger Sludge Pumps

**Division 46 –WATER AND WASTEWATER Equipment**

 **Section Number and Title**

460548 Vibration And Seismic Controls For Water And Wastewater Equipment

 460553 Identification For Water And Wastewater Equipment

 460713 Packaged Water Treatment Equipment

 460753 Packaged Wastewater Treatment Equipment

 462113 Chain-And-Rake Screens

 462133 Rotary Drum Screens

 462156 Wedge Wire Screens

 462171 Trash Raking Equipment

 462173 Screenings Washing And Compacting Equipment

 462179 Screenings Storage Containers

 462183 Septage Receiving Equipment

 462313 Chain-And-Bucket Grit Removal Equipment

 462316 Chain-And-Flight Grit Removal Equipment

 462323 Vortex Grit Removal Equipment

 462327 Cyclone Degritters

 462333 Aerated Grit Removal Equipment

 462363 Grit Classifying And Washing Equipment

 462366 Grit Storage Containers

 462413 Macerators

 462416 Comminutors

 462423 Inline Grinders

 462433 Open-Channel Grinders

 462436 Modular Grinding, Screening, And Compacting Equipment

 462513 Coalescing Oil-Water Separators

 462516 API Oil-Water Separators

 462523 Grease Traps

 462543 Tipping Trough Scum Skimming And Removal Equipment

 463111 Chlorine Gas Feed Equipment

 463113 Sulfur Dioxide Gas Feed Equipment

 463116 Ammonia Gas Feed Equipment

 463143 Carbon Dioxide Gas Feed Equipment

 463153 Ozone Generating And Feed Equipment

 463156 Liquid Oxygen Storage And Feed Equipment

 463159 Cleaning Requirements For Oxygen Equipment

 463183 Gas Chemical Feed Accessories And Safety Equipment

 463313 Sodium Hypochlorite Generating Equipment

 463333 Polymer Blending And Feed Equipment

 463341 Liquid Chemical Feed System Coordination And Integration

 463342 Diaphragm-Type Metering Pumps

 463344 Peristaltic Metering Pumps

 463346 Progressing Cavity Metering Pumps

 463348 Lobe Metering Pumps

 463353 Drum Pumps

 463373 Liquid Chemical Diffusers

 463383 Liquid Chemical Feed Accessories And Safety Equipment

 463613 Storage Silos

 463623 Dry Chemical Weighing Equipment

 463633 Volumetric Feed Equipment

 463636 Gravimetric Feed Equipment

 463643 Lime Slaking Equipment

 463653 Chemical Tablet Feeding Equipment

 463683 Dry Chemical Feed Accessories And Safety Equipment

 464111 Rapid Mixers

 464117 Inline Static Mixers

 464121 Jet Mixer Equipment

 464123 Submersible Mixers

 464126 Floating Mechanical Mixers

 464127 Paddle Mixers

 464131 Vertical Reel Flocculation Equipment

 464133 Horizontal Reel Flocculation Equipment

 464134 Vertical Turbine Flocculation Equipment

 464146 Portable Tank Mixers

 464311 Chain-And Flight Clarifier Equipment

 464314 Traveling Bridge Clarifier Equipment

 464321 Circular Clarifier Equipment

 464363 Dissolved Air Flotation Equipment For Water And Wastewater Treatment

 464373 Tube Settlers

 464376 Inclined Plater Settlers

 465111 Fixed Mechanical Aerators

 465113 Floating Mechanical Aerators

 465117 Jet Aeration Equipment

 465121 Coarse Bubble Diffusers

465123 Swing-Type Channel Aeration Equipment

465131 Flexible Membrane Tube Diffusers

 465133 Flexible Membrane Disc Diffusers

 465136 Ceramic Disc Fine Bubble Diffusers

 465146 Membrane Diffusers

 465323 Trickling Filter Rotary Distributor Equipment

 465324 Trickling Filter Media

 465341 Intermittent Sand Filters For Wastewater Treatment

 465349 Membrane Biological Reactors

 466121 Pressure Filters

 466123 Gravity Filters

 466133 Microfiltration And Ultrafiltration Membrane Equipment

 466141 Disc Cloth Filters

 466143 Rotary Drum Filters

 466146 Automatic Backwash Cloth Filter Equipment

 466153 Cartridge Filters

 466163 Bag Filters

 466173 Automatic Straining Equipment

 466323 Reverse-Osmosis And Nanofiltration Membrane Equipment

 466613 Closed-Vessel Low-Pressure/Low-Intensity Ultraviolet Treatment Equipment

 466616 Closed-Vessel Low-Pressure/High-Intensity Ultraviolet Treatment Equipment

 466623 Closed-Vessel Medium-Pressure Ultraviolet Treatment Equipment

 466653 Open- Channel Low-Pressure/Low-Intensity Ultraviolet Treatment Equipment

 466656 Low-Pressure/High0-Intensity Ultraviolet Treatment Equipment

 466663 Open-Channel Medium-Pressure Ultraviolet Treatment Equipment

 467113 Circular Gravity Thickeners

 467116 Gravity Belt Thickeners

 467133 Rotary Drum Thickening Equipment

 467146 Thickening Screw Press

 467319 Digester Appurtenances

 467321 Aerobic Digester Aeration Equipment

 467341 Digester Heating Equipment

 467621 Belt Filter Presses

 467623 Plate-And-Frame Filter Presses

**APPENDIX**

Use document below when required. Used in conjunction with Document 003126.

# Asbestos And Lead Survey Report (Modify The Title Accordingly To Match The Report)

Use document below Department Of Labor grants an asbestos variance for demolishing buildings within the same contract as asbestos removal. See Demolition Of Structures Guide for more information:

 Asbestos Variance

Use document below for Wicks Exempt projects only. This document is filed in the DCNET forms area, not in the Master Specifications files folders.

@ BDC-59 Contractor’s List Of Subcontractors (Wicks Exempt)

Use document below for Wicks Exempt projects only. This document is filed in the DCNET forms area, not in the Master Specifications files folders.

@ BDC-59.1 Contractor’s Proposal For Subcontractor Change (Wicks Exempt)

@ BDC-59.1 Contractor’s Proposal For Subcontractor Change (Wicks Exempt PLA)

@ BDC-59P Project Labor Agreement List Of Subcontractors

The next 2 documents are filed in the DCNET forms area, not in the Master Specifications files folders.

Use the next document in all contracts estimated to be over $100,000.

@ BDC-328 Utilization Plan

Use the next document in all contracts.

@\* BDC-329 Contractor's List Of Subcontractors-Suppliers

Use document below if the “Special Inspections” Article is in Section 011000, include BDC-406.1 in the appropriate Contract’s Table of Contents. This document is filed in the DCNET forms area, not in the Master Specifications files folders.

 BDC-406.1 Statement Of Special Inspections

Use below if there are project specific drawings bound into the project manual.

# Bound In Drawings (Listed On 000115)

# Bound In Drawings (Listed On The Title Sheet Of The Drawings)

Use document below if Commissioning is part of the contract requirements.

 Commissioning Process

Use document below only if a SWPPP (Storm Water Pollution Prevention Plan) has been prepared.

 Contractor’s Certification Statement

Include sign sample when truss type construction is part of the building design. This includes but not limited to steel bar joists, steel trusses and wood trusses.

 NYS DOS Example Truss Identification Sign

@\*# Prevailing Rate Case

Use document below for contracts containing Section 078400 with new wall construction where fire ratings are known. Designer completes footer, prints documents, and includes it in the Project Manual.

 Sample Firestop Schedule

Insert allowance support documentation from manufacturers, vendors, or utility companies when required by the complexity of equipment, products, and services included in the allowance. Documentation may include plans, details, and cost breakdowns of the work included in the allowance.

 Allowance Support Documentation

\* Schedule Of Submittals (SOS)

Use document below only if a PBSV Release of Liability – Site Conditions is required by Document 002218 and approved by the Business Unit Leader and Regional Supervisor.

# PBSV Release Of Liability - Site Conditions

**END OF TABLE OF CONTENTS**