**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**