### TABLE OF CONTENTS

## **INTRODUCTORY INFORMATION**

00 00 10 – Title Page 00 00 20 – Table of Contents

### <u>DIVISION 0 - BIDDING REQUIREMENTS, CONTRACTOR FORMS AND</u> <u>CONDITIONS OF THE CONTRACT</u>

Section	00 02 00	Notice to Bidders
	00 10 00	Instructions to Bidders
	00 12 00	Procurement Substitution Procedures
	00 12 10	Substitution Request Form
	00 20 00	Information Available to Bidders
		Geotechnical Data
	00 30 50	Bidder Reminder List
	00 31 00	Bid Form
	00 37 00	Standard Forms
	00 41 00	Bid Bond
	00 43 50	Subcontractors and Products List
	00 50 00	Standard Form of Agreement
	00 61 00	Performance Bond and Payment Bond
	00 70 00	Amended General Conditions
	00 82 00	Insurance and Bonds Requirements
	00 82 00S	Schedule of Insurance Standard Requirements
	00 82 00U	Schedule of Insurance Upgraded Requirements
	00 82 50	Escrow Agreement

#### **DIVISION 1 - GENERAL REQUIREMENTS**

01 12 00	Multiple Contract Summary
01 14 33	Work in Countrymark Right-of-Way
01 21 00	Allowances
01 23 00	Alternates
01 25 00	Contract Modification Procedures
01 28 00	Schedule of Values
01 29 00	Application for Payment
01 31 00	Project Meetings
01 32 00	Schedules and Reports
01 33 00	Submittal Procedures
01 34 00	Digital Data Request Procedures
01 40 00	Quality Requirements
01 45 10	Testing Laboratory Services
01 45 23.13	Concrete Floor Moisture Content and pH Testing

Section

- 01 50 50 Temporary Facilities and Controls
- 01 51 10 Temporary Electricity, Lighting and Warning Systems
- 01 51 30 Temporary Heating, Ventilation and Cooling
- 01 51 50 Temporary Water
- 01 51 60 Temporary Sanitary Facilities
- 01 51 80 Temporary Fire Protection
- 01 52 10 Construction Aids and Temporary Enclosures
- 01 52 60 Rubbish Container
- 01 53 10 Fences (Temporary Security)
- 01 53 20 Tree and Plant Protection
- 01 53 30 Barricades
- 01 54 60 Environment Protection
- 01 54 80 Utility Protection
- 01 55 00 Access Roads and Parking Areas
- 01 56 20 Dust Control
- 01 56 30 Water Control
- 01 56 80 Erosion Control
- 01 56 90 Housekeeping and Safety
- 01 57 60 Project Signs
- 01 59 10 Project Office
- 01 59 20 Offices and Sheds
- 01 60 00 Product Requirements
- 01 71 50 Final Cleaning
- 01 72 00 Field Engineering
- 01 72 50 Work Layout
- 01 73 10 Cutting and Patching
- 01 77 00 Contract Closeout

#### **DIVISION 03: CONCRETE**

Section	03 06 30.01	Concrete Schedule
	03 06 30.02	Typical Slab Depression Legend
	03 06 30.03	Concrete Mix Design Submittal
	03 30 00	Cast-in-Place Concrete

#### **DIVISION 04: MASONRY**

Section	04 20 00	Unit Masonry
	04 72 00	Cast Stone Masonry

#### **DIVISION 05: METALS**

Section	05 12 00	Structural Steel Framing
	05 21 00	Steel Joist Framing
	05 31 00	Steel Decking
	05 40 00	Cold-Formed Metal Framing

05 50 00	Metal Fabrications
05 52 13	Pipe and Tube Railings
05 58 13	Column Covers

# **DIVISION 06: CARPENTRY**

Section	06 10 00 06 16 00 06 20 23	Rough Carpentry Sheathing Interior Finish Carpentry
	06 41 16 06 61 16	Plastic-Laminate-Faced Architectural Cabinets Solid Surface Fabrications
	00 01 10	Sond Surface Fublications

# **DIVISION 07: THERMAL AND MOISTURE PROTECTION**

Section	07 21 00	Thermal Insulation
	07 24 13	Polymer-Based Exterior Insulation and Finish System (EIFS)
	07 24 19	Water-Drainage Exterior Insulation and Finish System (EIFS)
	07 24 23	Direct Applied Exterior Finish System
	07 27 26.02	Vapor-Permeable, Fluid-Applied Membrane Air Barrier
	07 31 13	Asphalt Shingles
	07 54 00	Thermoplastic Membrane Roofing (PVC and KEE)
	07 62 00	Sheet Metal Flashing and Trim
	07 71 00	Roof Specialties
	07 72 00	Roof Accessories
	07 84 13	Penetration Firestopping
	07 84 43	Joint Firestopping
	07 91 00	Preformed Joint Seals
	07 92 00	Joint Sealants
	07 95 13.13	Interior Expansion Joint Cover Assemblies

# **DIVISION 08: OPENINGS**

Section	08 11 13	Hollow Metal Doors and Frames
	08 13 16.13	Aluminum Doors
	08 14 16	Flush Wood Doors
	08 16 13	Fiberglass Doors
	08 31 13	Access Doors and Frames
	08 33 13	Coiling Counter Doors
	08 33 23	Overhead Coiling Doors
	08 43 13	Aluminum-Framed Storefronts
	08 63 00	Metal-Framed Skylights
	08 71 00	Door Hardware
	08 80 00	Glazing
	08 91 19	Fixed Louvers

# **DIVISION 09: FINISHES**

Section	09 05 61.13	Moisture Vapor Emission Control
	09 21 16	Gypsum Board Assemblies
	09 30 00	Tiling
	09 51 13	Acoustical Panel Ceilings
	09 54 23	Linear Metal Ceiling
	09 64 66	Wood Athletic Flooring
	09 65 13	Resilient Base and Accessories
	09 65 16	Resilient Sheet Flooring
	09 65 19	Resilient Tile Flooring
	09 67 11	Fluid-Applied Cementitious Urethane Flooring (Kitchen)
	09 67 23	Decorative Resinous Flooring
	09 68 13	Tile Carpeting
	09 72 16	Vinyl-Coated Fabric Wall Coverings
	09 77 13	Stretched-Fabric Wall Systems
	09 84 33	Sound-Absorbing Wall Units
	09 84 33.13	Abuse-Resistant Sound-Absorbing Wall Units
	09 91 23	Interior Painting
	09 96 00	High-Performance Coatings

## **DIVISION 10: SPECIALTIES**

Section	$\begin{array}{c} 10 \ 11 \ 00 \\ 10 \ 12 \ 00.16 \\ 10 \ 14 \ 19 \\ 10 \ 14 \ 23.13 \\ 10 \ 14 \ 23.13 \\ 10 \ 14 \ 23.16 \\ 10 \ 21 \ 13.19 \\ 10 \ 21 \ 23 \\ 10 \ 22 \ 33 \\ 10 \ 22 \ 33 \\ 10 \ 22 \ 39 \\ 10 \ 26 \ 00 \\ 10 \ 28 \ 00 \\ 10 \ 41 \ 16 \\ 10 \ 44 \ 13 \\ 10 \ 44 \ 16 \\ 10 \ 51 \ 13 \end{array}$	Visual Display Units Custom Display Cases Dimensional Letter Signage Exterior Panel Signage Interior Panel Signage Solid Polymer Toilet Compartments Cubicles Accordion Folding Partitions Operable (Folding Panel) Partitions Wall and Door Protection Toilet, Bath, and Laundry Accessories Lock Box Fire Extinguisher Cabinets Fire Extinguishers Metal Lockers
	10 31 13	Metal Lockers

## **DIVISION 11: EQUIPMENT**

Section	11 13 00	Loading Dock Equipment
	11 31 00	Residential Appliances
	11 40 00	Food Service Equipment
	11 51 23	Library Stack Systems
	11 52 13	Front Projection Screens

11 58 00	Art Room Equipment
11 61 43	Stage Curtains
11 66 00	Athletic Equipment
11 68 33	Athletic Field Equipment

#### **DIVISION 12: FURNISHINGS**

Section	12 21 13	Horizontal Louver Blinds
	12 24 13	Roller Window Shades
	12 32 16	Manufactured Plastic Laminate-Faced (Educational) Casework
	12 48 13	Entrance Floor Mats and Frames
	12 66 00	Telescoping Stands
	12 93 00	Site Furnishings and Amenities

## **DIVISION 21: FIRE SUPPRESSION**

Section	21 05 00	Common Work Results for Fire Suppression
	21 10 00	Water-Based Fire Suppression Systems

#### **DIVISION 22: PLUMBING**

Section	22 05 00	Common Work Popults for Plumbing
Section		Common Work Results for Plumbing
	22 05 01	Basic Plumbing Materials and Methods
	22 05 13	Common Motor Requirements for Plumbing Equipment
	22 05 19	Meters and Gages for Plumbing Piping
	22 05 23	General-Duty Valves for Plumbing Piping
	22 05 29	Hangers and Supports for Plumbing Piping and Equipment
	22 05 53	Identification for Plumbing Piping and Equipment
	22 07 00	Plumbing Insulation
	22 11 13	Facility Water Distribution Piping
	22 11 16	Domestic Water Piping
	22 11 19	Domestic Water Piping Specialties
	22 11 22	Facility Natural Gas Piping
	22 11 23	Domestic Water Pumps
	22 13 16	Sanitary, Waste, and Vent Piping System
	22 13 23	Sanitary Waste Interceptors
	22 14 13	Facility Storm Drainage Piping
	22 31 00	Domestic Water Softeners
	22 34 00	Fuel-Fired Domestic Water Heaters
	22 40 00	Plumbing Fixtures
	22 47 00	Drinking Fountains and Water Coolers

# **DIVISION 23: HEATING, VENTILATING, AND AIR CONDITIONING**

Section	23 05 00	Common Work Results for HVAC
	23 05 13	Common Motor Requirements for HVAC Equipment
	23 05 16	Expansion Fittings and Loops for HVAC Piping

- 23 05 19 Meters and Gages for HVAC Piping
- 23 05 23 General-Duty Valves for HVAC Piping
- 23 05 29 Hangers and Supports for HVAC Piping and Equipment
- 23 05 48 Vibration and Seismic Controls for HVAC Piping and Equipment
- 23 05 53 Identification for HVAC Piping and Equipment
- 23 05 93 Testing, Adjusting, and Balancing for HVAC
- 23 07 00 HVAC Insulation
- 23 09 00 HVAC Direct Digital Controls
- 23 09 93 HVAC Sequence of Operation
- 23 21 13 Hydronic Piping
- 23 21 23 Hydronic Pumps
- 23 23 00 Refrigerant Piping
- 23 25 00 HVAC Water Treatment
- 23 29 23 Variable-Frequency Motor Controllers
- 23 31 13 Metal Ducts
- 23 33 00Air Duct Accessories
- 23 34 23 HVAC Power Ventilators
- 23 36 00Air Terminal Units
- 23 37 13 Diffusers, Registers, and Grilles
- 23 37 23 HVAC Gravity Ventilators
- 23 51 00 Breechings, Chimneys, and Stacks
- 23 52 16 Condensing Boilers
- 23 64 23 Air Cooled Rotary Screw Chiller with Remote Evaporator
- 23 72 00 Air-to-Air Energy Recovery Equipment
- 23 73 13 Modular Indoor Central-Station Air-Handling Units
- 23 81 23 Computer-Room Air-Conditioners
- 23 82 19 Fan Coil Units
- 23 82 39 Unit Heaters

### **DIVISION 26: ELECTRICAL**

Section	26 00 50	General Electrical Requirements
	26 05 05	Electrical Testing
	26 05 19	Low-Voltage Electrical Power Conductors and Cables
	26 05 26	Grounding and Bonding for Electrical Systems
	26 05 29	Hangers and Supports for Electrical Systems
	26 05 33	Conduit and Boxes for Electrical Systems
	26 05 35	Surface Raceways for Electrical Systems
	26 05 37	Wire Mesh Type Cable Trays
	26 05 43	Underground Ducts and Raceways for Electrical Systems
	26 05 53	Identification for Electrical Systems
	26 05 73	Power System Studies
	26 09 23	Lighting Control Devices
	26 22 00	Low-Voltage Transformers

26 24 13	Switchboards
26 24 16	Panelboards
26 27 13	Utility Electric Metering
26 27 26	Wiring Devices
26 28 13	Fuses
26 28 16	Enclosed Switches and Circuit Breakers
26 29 13	Enclosed Controllers
26 32 13	Engine Generators
26 35 33	Power Factor Correction Equipment
26 36 00	Transfer Switches
26 40 02	Underground Electrical Service
26 51 00	Interior Lighting
26 55 61	Stage Dimming System
26 56 00	Exterior Lighting

## **DIVISION 27: COMMUNICATIONS**

Section	27 01 00	Operation and Maintenance of Communications Systems
	27 01 11	Demonstration, Training and Warranty of Communications Systems
	27 05 00	Common Work Results for Communications
	27 05 26	Grounding and Bonding for Communications Systems
	27 05 28	Pathways for Communications Systems
	27 05 53	Identification for Communications Systems
	27 11 00	Communications Equipment Room Fittings
	27 11 00TM	Manufacturers Material List
	27 13 23	Communications Fiber Optical Backbone Cabling
	27 13 23TM	Manufacturers Material List
	27 15 11	Conductors and Cables for Intercom, Public Address and Mass
		Notification Systems
	27 15 15	Communications Copper Horizontal Cabling (Category 6)
	27 15 15TM	Manufacturers Material List
	27 15 17	Communications Copper Horizontal Cabling (Augmented Cat 6A)
	27 15 17TM	Manufacturers Material List
	27 15 53	Misc. Communications Audio/Video Cabling
	27 15 53TM	Manufacturers Material List
	27 51 16	Public Address and Mass Notification Systems
	27 51 17	Sound Reinforcement System
	27 51 25	IP Based Intercommunications and Program Systems
	27 53 15	Synchronous Wireless Clock Systems
	27 53 19	Distributed Antenna Systems (First Responder)

# **DIVISION 28 ELECTRONIC SAFETY AND SECURITY**

Section	28 05 10	Common Work Results for Electronic Safety and Security
	28 05 23	Conductors and Cables for Electronic Safety and Security
	28 31 11	Digital, Addressable Fire-Alarm System

### **DIVISION 31: EARTHWORK**

31 10 00	Site Clearing
31 20 00	Earth Moving
31 23 19	Dewatering
31 25 00	Erosion Control
31 32 00	Geotextile
31 50 00	Excavation Support and Protection
	31 20 00 31 23 19 31 25 00 31 32 00

#### **DIVISION 32: EXTERIOR IMPROVEMENTS**

Section	32 12 16	Asphalt Paving
	32 13 13	Concrete Paving
	32 13 73	Concrete Paving Joint Sealants
	32 17 13	Parking Bumpers
	32 17 23	Pavement Markings
	32 18 16	Playground Protective Surfacing
	32 31 13	Chain Link Fences and Gates
	32 91 13	Soil Preparation
	32 92 00	Turf and Grasses
	32 93 00	Plants

#### **DIVISION 33: UTILITIES**

Section	33 05 00 33 11 13 33 13 13 33 41 00	Common Work Results for Utilities Facility Water Distribution Piping Facility Sanitary Sewers Storm Utility Drainage Piping
	33 46 00	Subdrainage

END OF SECTION 00 00 20