

## SECTION 000115 TABLE OF CONTENTS

### DIVISION 00 – PROCUREMENT AND CONTRACTING REQUIREMENTS

00 01 15	Table of Contents
00 11 13	Advertisement for Bid
00 21 13	Instruction to Bidders
	AIA Document A101-2017, Standard Form of Agreement Between Owner and Contractor where the Basis of Payment is a Stipulated Sum, as modified
	AIA Document A101-2017 Exhibit A, Insurance and Bonds, as modified
00 31 19	Existing Condition Information
00 31 26	Existing Hazardous Material Information
	Phase I Environmental Site Assessment
00 31 32	Geotechnical Data
	Geotechnical Engineering Investigation
00 41 14	Bid Form
	Contractor's Bid for Public Work - Form 96
00 60 00	Project Forms
	AIA Document A201-2017 General Conditions of the Contract for Construction, as modified

### DIVISION 01 – GENERAL REQUIREMENTS

01 10 00	Summary
01 23 00	Alternates
01 25 00	Substitution Procedures
01 26 00	Contract Modification Procedures
01 29 00	Payment Procedures
01 31 00	Project Management and Coordination
01 32 00	Construction Progress Documentation
01 32 33	Photographic Documentation
01 33 00	Submittal Procedures
01 40 00	Quality Requirements
01 42 00	References
01 50 00	Temporary Facilities and Control
01 57 13	Temporary Erosion and Sediment Control
01 60 00	Product Requirements
01 73 00	Execution
01 74 19	Construction Waste Management and Disposal
01 77 00	Closeout Procedures
01 78 23	Operation and Maintenance Data
01 78 39	Project Record Documents
01 79 00	Demonstration and Training

DIVISION 02 – EXISTING CONDITIONS

- 02 41 13.....Selective Site Demolition
- 02 41 16.....Structure Demolition

DIVISION 03 – CONCRETE

- 03 10 00.....Concrete Forming and Accessories
- 03 20 00.....Concrete Reinforcing
- 03 30 00.....Cast-In-Place Concrete

DIVISION 04 – MASONRY

- 04 22 00.....Concrete Unit Masonry

DIVISION 05 – METALS

- 05 12 00.....Structural Steel Framing
- 05 21 00.....Steel Joist Framing
- 05 31 00.....Steel Decking
- 05 50 00.....Metal Fabrication
- 05 51 19.....Metal Grating Stairs
- 05 52 13.....Pipe and Tube Railings

DIVISION 06 – WOOD, PLASTICS AND COMPOSITES

- 06 10 00.....Rough Carpentry
- 06 15 00.....Fences, Boardwalk, Deck & Bridges
- 06 15 33.....Wood Patio Decking
- 06 16 00.....Sheathing
- 06 20 13.....Exterior Finish Carpentry
- 06 20 23.....Interior Finish Carpentry
- 06 40 23.....Interior Architectural Woodwork
- 06 41 16.....Plastic-Laminate-Clad Architectural Cabinets

DIVISION 07 – THERMAL AND MOISTURE PROTECTION

- 07 11 13.....Bituminous Dampproofing
- 07 21 00.....Thermal Insulation
- 07 24 13.....Polymer-Based Exterior Insulation and Finish System (EIFS)
- 07 26 00.....Vapor Retarders
- 07 27 26.....Fluid-Applied Membrane Air Barriers
- 07 31 13.....Asphalt Shingles
- 07 41 13.16.....Standing Seam Metal Roof Panels
- 07 42 93.....Soffit Panels
- 07 53 23.....Ethylene-Propylene-Diene-Monomer (EPDM) Roofing
- 07 62 00.....Sheet Metal Flashing and Trim
- 07 72 00.....Roof Accessories
- 07 72 53.....Snow Guards
- 07 84 13.....Penetration Firestopping
- 07 84 43.....Joint Firestopping
- 07 92 00.....Joint Sealants

DIVISION 08 – OPENINGS

- 08 11 13.....Hollow Metal Doors and Frames
- 08 14 16.....Flush Wood Doors
- 08 31 13.....Access Doors and Frames
- 08 41 13.....Aluminum-Framed Entrances and Storefronts
- 08 51 13.....Aluminum Windows
- 08 71 11.....Door Hardware
- 08 80 00.....Glazing
- 08 91 16.....Operable Wall Louvers
- 08 91 19.....Fixed Louvers

DIVISION 09 – FINISHES

- 09 22 16.....Non-Structural Metal Framing
- 09 29 00.....Gypsum Board
- 09 29 00.....Ceramic Tiling
- 09 51 13.....Acoustical Panel Ceilings
- 09 65 13.....Resilient Base and Accessories
- 09 65 16.....Resilient Sheet Flooring
- 09 65 19.....Resilient Tile Flooring
- 09 91 14.....Exterior Painting (MPI Standards)
- 09 91 24.....Interior Painting (MPI Standards)
- 09 93 00.....Staining and Transparent Finishing
- 09 96 01.....High-Performance Coatings (MPI Standards)

DIVISION 10 – SPECIALTIES

- 10 11 00.....Visual Display Units
- 10 14 19.....Dimensional Letter Signage
- 10 14 23.16.....Room-Identification Panel Signage
- 10 21 13.19.....Plastic Toilet Compartments
- 10 22 39.....Folding Panel Partitions
- 10 26 00.....Wall and Door Protection
- 10 28 00.....Toilet, Bath, and Laundry Accessories
- 10 44 13.....Fire Protection Cabinets
- 10 44 16.....Fire Extinguishers
- 10 51 13.....Metal Lockers
- 10 56 13.....Metal Storage Shelving

DIVISION 11 – EQUIPMENT

- 11 13 13.....Loading Dock Bumpers
- 11 30 13.....Residential Appliances
- 11 52 13.....Projection Screens
- 11 53 13.....Laboratory Fume Hoods
- 11 73 00.....Patient Care Equipment

DIVISION 12 – FURNISHINGS

- 12 24 13.....Roller Window Shades
- 12 35 53.13.....Metal Laboratory Casework
- 12 35 23.13.....Plastic-Laminate Countertops
- 12 48 13.....Entrance Floor Mats and Frames

DIVISION 13 – SPECIAL CONSTRUCTION

- 13 27 00.....Cold Rooms
- 13 49 00.....Radiation Protection

DIVISION 14 – NOT USED

DIVISION 21 – FIRE PROTECTION

- 21 00 00.....Fire Protection General
- 21 05 10.....Fire-Stopping
- 21 05 11.....Valves
- 21 05 12.....Piping Specialties
- 21 05 13.....Excavation Backfill
- 21 05 14.....Painting
- 21 05 15.....Sleeves & Collars
- 21 05 18.....Inserts, Pipe Hangers & Supports
- 21 05 20.....Cutting & Patching
- 21 05 21.....Electrical Work
- 21 05 30.....Tests & Adjustments
- 21 05 31.....Flushing & Sterilization
- 21 05 40.....Valve Tagging and Piping Identification
- 21 05 41.....Equipment Identification
- 21 05 50.....Demolition
- 21 05 51.....Remodeling
- 21 05 60.....Manufacturers Drawings
- 21 07 00.....Fire Protection Insulation
- 21 13 13.....Fire Protection Piping System -Wet

DIVISION 22 – PLUMBING

- 22 00 00.....Plumbing General
- 22 05 10.....Fire-Stopping
- 22 05 11.....Valves
- 22 05 12.....Piping Specialties
- 22 05 13.....Excavation
- 22 05 15.....Sleeves Collars
- 22 05 18.....Insert Hangers Supports
- 22 05 19.....Drains Cleanouts Drains Specialties
- 22 05 21.....Electrical Work
- 22 05 30.....Test Adjustment
- 22 05 31.....Flushing and Sterilization

22 05 40	Valve Tagging and Piping Identification
22 05 41	Equipment Identification
22 05 60	Manufactures Drawings
22 05 94	Protection and Cleaning
22 07 00	Plumbing Insulation
22 10 00	Domestic Water Service, Metering and Backflow
22 11 16	Domestic Water Piping Systems
22 11 16	House Pump Controls
22 11 24	Recirculation Pump
22 13 16	Building Soil Waste Vent Piping System
22 13 19	Drains Cleanouts
22 16 00	Gas Service & Metering
22 16 13	House Lines Gas
22 33 36	Electric Water Heaters
22 34 38	Gas Fired Water Heater
22 42 00	Plumbing Fixtures
22 62 19	Vet Medical Vacuum Pump
22 63 00	Vet Medical and Lab Gases Piping Systems

DIVISION 23 – HEATING, VENTILATING, AND AIR-CONDITIONING (HVAC)

23 01 00	HVAC General
23 01 05	HVAC General Provisions
23 01 10	Manufacturer's Drawings
23 05 13	Electrical Work
23 05 16	Sleeves and Collars
23 05 17	Firestopping
23 05 19	Piping Specialties
23 05 20	Painting
23 05 21	Cutting and Patching
23 05 22	Foundations and Supports
23 05 23	Valves
23 05 29	Inserts, Pipe Hangers and Supports
23 05 30	Installation of Piping
23 05 49	Expansion and Vibration
23 05 53	Tagging and Coding
23 05 54	Equipment Identification
23 05 93	Tests and Adjustments
23 05 94	Protection and Cleaning
23 05 95	Filling, Purging, And Flushing of Piping
23 05 96	Substitutions
23 07 00	HVAC Insulation
23 08 00	HVAC Commissioning
23 21 13.13	Glycol Piping System
23 21 13.23	Hot Water Heating Piping System

23 21 13.33	.....	Condensation Drain and Drain Piping Systems
23 21 13.43	.....	Water Make-Up Piping System
23 21 13.53	.....	Expansion Tanks
23 21 23.13	.....	In-line Close-Coupled Pumps
23 21 23.14	.....	In-line Close-Coupled Pumps
23 21 23.16	.....	End Suction Pumps
23 23 00	.....	Refrigerant Piping System
23 25 13	.....	HVAC Water Treatment Systems
23 31 13.13	.....	Low Pressure Ductwork
23 31 13.14	.....	High Pressure Ductwork
23 33 13	.....	Louvers and Dampers
23 33 19	.....	Sound Traps
23 34 13	.....	Laboratory Exhaust Fans
23 35 10	.....	Cabinet Unit Heaters (Electric)
23 36 13	.....	Laboratory Airflow Control Systems
23 36 16	.....	Medium Velocity VAV Boxes
23 37 13	.....	Registers, Grilles and Diffusers
23 63 13	.....	Air Cooled Chiller
23 75 00	.....	Air Handling Units
23 75 20	.....	Ductless Split System A/C Unit
23 80 02	.....	Electric Steam Humidifier
23 82 16	.....	Hot Water Reheat Coils
23 82 19	.....	Fan-Coil Units
23 82 39.13	.....	Cabinet Unit Heaters
23 82 39.16	.....	Hot Water Horizontal Projection Unit Heaters
23 84 00	.....	Gas Fired Humidifier
23 85 00	.....	Variable Frequency Drives
25 00 00	.....	Temperature Controls

#### DIVISION 26 – ELECTRICAL

26 00 00	.....	General Provisions
26 00 15	.....	Work Included
26 00 20	.....	Codes and Fees
26 00 25	.....	Tests and Inspections
26 01 20	.....	Operation and Maintenance Manuals
26 05 19	.....	Wire and Cable (600V and Below)
26 05 23	.....	Motor and Equipment Wiring
26 05 33	.....	Grounding
26 05 33	.....	Conduits
26 05 34	.....	Boxes and Plates
26 05 43	.....	Underground Electrical Service
26 05 53	.....	Identification
26 09 23	.....	Lighting Control Devices
26 24 00	.....	Surge Protective Devices

26 24 13.....	Main Switchboards
26 24 16.....	Panelboards
26 27 26.....	Wiring Devices
26 28 13.....	Fuses
26 28 16.....	Disconnects
26 28 13.....	Motor Starters and Controls
26 32 13.....	Natural Gas Generators
26 36 12.....	Transfer Switches
26 51 13.....	Lighting Fixtures

#### DIVISION 27 – COMMUNICATIONS

27 05 28.....	Conduits & Backboxes for Comm Systems
27 05 36.....	Cable Tray for Communications System

#### DIVISION 28 – ELECTRONIC SAFETY AND SECURITY

28 31 00.....	Fire Alarm System
28 55 00.....	Emergency Responder Radio System Survey

#### DIVISION 31 – EARTHWORK

31 10 00 .....	Site Clearing
31 20 00 .....	Earth Moving
31 22 19 .....	Finish Grading
31 23 00 .....	Excavation and Fill
31 23 19 .....	Dewatering
31 50 00 .....	Excavation Support and Protection

#### DIVISION 32 – EXTERIOR IMPROVEMENTS

32 12 16 .....	Asphalt Paving
32 13 13 .....	Concrete Paving
32 24 00.....	Exterior Signage
32 40 00.....	Site Improvements
32 90 00.....	Planting
32 92 00 .....	Turf and Grasses

#### DIVISION 33 – UTILITIES

33 10 00 .....	Water Utilities
33 20 00 .....	Sanitary Sewerage Utilities
33 30 00 .....	Storm Drainage Utilities
33 32 00.....	Sanitary Sewage Lift Station
33 46 00.....	Subdrainage
33 51 00 .....	Natural Gas Distribution