

## **TABLE OF CONTENTS**

### **INTRODUCTORY INFORMATION**

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

### **DIVISION 0 - BIDDING REQUIREMENTS, CONTRACTOR FORMS AND CONDITIONS OF THE CONTRACT**

Section	00 02 00	Notice to Bidders
	00 10 00	Instructions to Bidders
	00 11 13	Advertisement for Bids
	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 34 10	Additional Bidding Requirements Franklin Township
	00 37 00	Standard Forms
	00 41 00	Bid Bond
	00 43 50	Subcontractors and Products List
	00 50 00	Standard Form of Agreement AIA 132 Exhibit A Insurance & Bonds Schedule of Insurance Requirements
	00 61 00	Performance Bond and Payment Bond
	00 70 00	Amended General Conditions
	00 82 50	Escrow Agreement
	00 83 00	Schedule of Project Construction Wages

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

Section	01 12 00	Multiple Contract Summary
	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 40 00	Quality Requirements
	01 45 10	Testing Laboratory Services
	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 2 – EXISTING CONDITIONS**

Section	02 41 30	Minor Demolition for Remodeling
---------	----------	---------------------------------

**DIVISION 3 – CONCRETE**

Section	03 30 00	Concrete
---------	----------	----------

**DIVISION 4 – MASONRY**

Section	04 20 00	Unit Masonry
---------	----------	--------------

**DIVISION 5 – METALS**

Section	05 12 00	Structural Steel
	05 21 00	Steel Joists
	05 31 23	Steel Roof Deck
	05 50 00	Miscellaneous Metals
	05 50 10	Embedded Structural Anchor Bolts
	05 52 16	Aluminum Railings

**DIVISION 6 – WOOD, PLASTICS, and COMPOSITES**

Section	06 10 00	Rough Carpentry
	06 20 00	Finish Carpentry
	06 61 16	Solid Surfacing Fabrications

### **DIVISION 7 – THERMAL and MOISTURE PROTECTION**

Section	07 21 13	Board Insulation
	07 21 16	Batt and Blanket Insulation
	07 21 19	Foamed-In-Place Insulation
	07 21 27	Enclosed Cavity Foamed Insulation
	07 24 00	Exterior Insulation and Finish System (EIFS)
	07 31 00	Shingle Roofing
	07 53 24	Roof Insulation and Membrane Roofing – TPO
	07 62 00	Sheet Metal Flashing
	07 71 19	Aluminum Fascias, Copings, Gutters, and Downspouts
	07 84 00	Firestopping
	07 90 00	Joint Sealants
	07 95 00	Expansion Joint Systems

### **DIVISION 8 – OPENINGS**

Section	08 11 13	Standard Steel Doors and Frames
	08 14 16	Wood Doors
	08 31 13	Access Doors
	08 33 00	Rolling Doors
	08 41 00	Aluminum Entrances and Storefronts
	08 51 13	Aluminum Windows
	08 71 00	Door Hardware
	08 81 00	Glazing
	08 91 00	Aluminum Wall Louvers and Penthouses

### **DIVISION 9 – FINISHES**

Section	09 22 13	Metal Framing and Furring
	09 29 00	Gypsum Board
	09 31 00	Ceramic Tile
	09 51 00	Acoustical Ceilings
	09 64 29	Wood Flooring
	09 65 13	Resilient Flooring
	09 67 23	Resinous Flooring
	09 68 00	Carpet
	09 84 00	Acoustical Wall Panels
	09 91 00	Painting

## **DIVISION 10 – SPECIALTIES**

Section	10 11 00	Markerboards and Corkboards
	10 12 00	Display Cases
	10 14 00	Signage
	10 21 14	Solid Plastic Toilet Partitions
	10 26 00	Wall Protection
	10 28 13	Toilet Accessories
	10 44 00	Fire Extinguishers
	10 51 13	Metal Lockers
	10 51 14	Ventilated Lockers

## **DIVISION 11 – EQUIPMENT**

Section	11 52 13	Power Operated Projection Screen
	11 52 14	Projection Screens
	11 66 23	Athletic Equipment
	11 66 43	Scoreboards

## **DIVISION 12 – FURNISHINGS**

Section	12 32 16	Plastic Laminate Casework
	12 66 00	Folding Bleachers

## **DIVISION 21 – FIRE SUPPRESSION**

Section	21 05 00	General Fire Suppression Requirements
	21 05 29	Supports and Anchors
	21 12 23	Fire Protection Valves
	21 23 00	Wet-Pipe Sprinkler Systems
	21 23 01	Fire Protection Piping

## **DIVISION 22 – PLUMBING**

Section	22 05 00	General Plumbing Requirements
	22 05 13	Motors
	22 05 16	Expansion Compensation
	22 05 19	Meters and Gages
	22 05 23	Valves
	22 05 29	Supports and Anchors
	22 05 53	Plumbing Identification
	22 07 00	Piping Insulation
	22 10 00	Plumbing Piping
	22 11 00	Plumbing Specialties
	22 11 16	Pipe and Pipe Fittings
	22 11 19	Piping Specialties
	22 30 00	Plumbing Equipment
	22 40 00	Plumbing Fixtures

## **DIVISION 23 – HEATING VENTILATING AND AIR CONDITIONING (HVAC)**

Section	23 05 00	General HVAC Requirements
	23 05 13	Motors
	23 05 14	Variable Frequency Drives
	23 05 19	Meters and Gauges
	23 05 23	Valves
	23 05 29	Supports and Anchors
	23 05 33	Electric Heat Tracing
	23 05 49	Vibration Isolation
	23 05 53	Mechanical Identification
	23 05 93	Testing, Adjusting, and Balancing
	23 07 01	Ductwork Insulation
	23 07 02	Piping Insulation
	23 08 00	Functional Performance Testing of HVAC Systems
	23 09 13	Automatic Temperature Control System
	23 09 63	Instrument Devices
	23 09 93	Sequence of Operation
	23 11 19	Piping Specialties
	23 11 23	Natural Gas Systems
	23 20 00	HVAC Pumps
	23 21 13	Hydronic Piping
	23 21 23	Hydronic Specialties
	23 23 00	Refrigeration Piping and Specialties
	23 25 13	Chemical (Water) Treatment Systems
	23 31 00	Ductwork
	23 31 16	Fabric Duct Systems
	23 33 00	Ductwork Accessories
	23 33 53	Duct Liner
	23 34 23	Power Ventilators
	23 37 00	Relief Vents
	23 37 01	Air Outlets and Inlets
	23 41 15	Disposable Air Filters
	23 51 01	Breechings, Chimneys, and Stacks
	23 52 16	Condensing Gas Fired Boilers
	23 64 25	Air Cooled Water Chillers
	23 73 00	Packaged Air Handling Units With Coils
	23 81 15	Air Terminal Units
	23 81 26	Split Air Conditioning Units
	23 81 50	Terminal Heat Transfer Units
	23 82 16	Air Coils
	23 82 41	Electric Space Heating Units

## **DIVISION 26 – ELECTRICAL**

Section	26 05 00	Basic Electrical Requirements
	26 05 01	Electrical Demolition for Remodeling
	26 05 02	Equipment Wiring Systems
	26 05 19	Wires and Cables – 600 Volts and Less
	26 05 26	Grounding and Bonding
	26 05 29	Supporting Devices
	26 05 30	Conduits
	26 05 34	Boxes
	26 05 43	Handholes
	26 05 44	Ductbank
	26 05 53	Electrical Identification
	26 09 24	Room Occupancy Sensors
	26 09 27	Relays
	26 09 36	Dimmers
	26 22 13	Transformers
	26 24 16	Panelboards
	26 27 13	Electricity Metering and Incoming Electrical Service
	26 27 26	Wiring Devices
	26 28 13	Low Voltage Cartridge Fuses – 600 Volts and Less
	26 29 13	Disconnect and Safety Switches
	26 29 15	Motor Starters
	26 43 13	Surge Protective Devices (SPDS) – 1 KV or Less
	26 51 00	LED Lighting Fixtures and Accessories
	26 56 29	Site Lighting

## **DIVISION 27 – COMMUNICATIONS**

Section	27 00 01	General Requirements for Communications
	27 00 02	Quality Assurance for Communications
	27 00 04	Existing Conditions and Demolition
	27 05 00	Communication Systems Electrical Requirements
	27 05 01	Operation and Maintenance of Communications Systems
	27 05 02	Basic Materials and Methods for Communications
	27 05 26	Grounding and Bonding for Communications Systems
	27 05 28	Pathways for Communications Systems
	27 05 43	Underground Ducts and Raceways for Communications Systems
	27 05 50	Firestopping for Communications Systems
	27 05 53	Identification for Communications Systems
	27 08 10	Verification Testing of Structured Cabling
	27 11 11	Communications Room Wall Linings
	27 11 16	Communication Cabinets, Racks, Frames, and Enclosures
	27 11 23	Communication Cable Management and Ladder Rack
	27 11 26	Communications Rack Mounted Power Protection and Power Strips
	27 13 13	Communications Copper Backbone Cabling

27 13 23	Communications Fiber Optic Backbone Cabling
27 16 00	Communications Connecting Cords, Devices, and Adapters
27 41 16	Integrated Sound Reinforcement Systems
27 41 26	Video Systems
27 51 23	Intercommunication & Clock Systems

**DIVISION 28 - ELECTRONIC SAFETY AND SECURITY**

Section	28 00 01	General Requirements for Safety and Security
	28 00 02	Quality Assurance for Safety and Security
	28 05 00	Electronic Safety and Security Systems Electrical Requirements
	28 05 01	Basic Electronic Safety and Security Systems Requirements
	28 05 02	Basic Materials and Methods for Safety and Security
	28 13 01	Access Control and Intrusion Detection System
	28 13 02	IP Video Surveillance Systems
	28 31 01	Fire Alarm Systems

**DIVISION 31 – EARTHWORK**

Section	31 10 00	Site Clearing
	31 20 00	Earthwork
	31 25 13	Soil Erosion Control
	31 31 16	Termite Control

**DIVISION 32 – EXTERIOR IMPROVEMENTS**

Section	32 11 16	Granular Base Course
	32 12 16	Asphaltic Concrete Paving
	32 13 13	Portland Cement Concrete Paving
	32 13 80	Exterior Concrete and Site Equipment
	32 17 23	Roadway and Paving Marking
	32 31 13	Chain Link Fences and Gates
	32 91 13	Soil Preparation
	32 92 19	Seeding
	32 93 00	Trees, Shrubs, and Ground Cover

**DIVISION 33 – UTILITIES**

Section	33 11 00	Water Distribution Systems
	33 11 50	Exterior Water Lines, Fire Lines, and Facilities
	33 13 00	Disinfection of Water Distribution System
	33 18 00	Water Quality Treatment
	33 30 00	Sanitary Sewage Systems
	33 40 00	Storm Sewage Systems
	33 46 00	Subdrainage Systems

END OF SECTION 00 00 20