

**ADDENDUM  
NO. 01**

**February 24, 2026**

**Kalamazoo Public Schools Lakewood Valley Center Secure Vestibule  
3122 Lake Street  
Kalamazoo, MI 49048**

**TO: ALL BIDDERS OF RECORD**

This Addendum forms a part of and modifies the Bidding Requirements, Contract Forms, Contract Conditions, the Specifications and the Drawings dated December 19, 2025, by TowerPinkster. Acknowledge receipt of the Addendum in the space provided on the Bid Form. Failure to do so may subject the Bidder to disqualification.

This Addendum consists of Pages ADD 1-2 through ADD 1-1 and attached TowerPinkster Addendum No. 01 dated February 20, 2026, consisting of 9 pages.

**A. SPECIFICATION SECTION 00 00 20 TABLE OF CONTENTS**

**Remove**

1. 01 73 29 Cutting And Patching

**B. SPECIFICATION SECTION 00 43 50 - SUBCONTRACTORS AND PRODUCTS LIST**

**Remove the following Specifications from Bid Category No. 01 General Trades.**

1. 08 41 13 Aluminum-Framed Entrances And Storefronts

**Remove** the following Specifications from **Bid Category No. 02 Aluminum Entrances, Storefronts & Glazing.**

1. 07 84 13 Penetration Firestopping
2. 07 84 46 Fire-Resistive Joint Systems

**C. SPECIFICATION SECTION 01 12 00 - MULTIPLE CONTRACT SUMMARY**

**3.02 GENERAL REQUIREMENTS**

B. PROVIDED BY ALL CONTRACTORS AS APPLICABLE

**Remove**

1. 01 73 29 Cutting And Patching

**3.03 BID CATEGORIES**

**Remove**

A. **BID CATEGORY NO. 01 GENERAL TRADES**

1. 08 41 13 Aluminum-Framed Entrances And Storefronts

**Remove**

B. **BID CATEGORY NO. 02 - ALUMINUM ENTRANCES, STOREFRONTS & GLAZING**

1. 07 84 13 Penetration Firestopping
2. 07 84 46 Fire-Resistive Joint Systems

**D. SPECIFICATION SECTION 01 32 00 – SCHEDULES AND REPORTS**

**a. 1.03 GUIDELINE SCHEDULE**

**Add:**

- 1. See Guideline Schedule attached.**
- 2. See Site Logistics attached.**

## ADDENDUM NO. 1

**DATE OF ISSUANCE:** February 20, 2026

**PROJECT:** Lakewood-Valley Center Secure Vestibule  
3122 Lake Street  
Kalamazoo, MI 49048

**OWNER:** Kalamazoo Public Schools

**ARCHITECT'S PROJECT NO.:** 23-643.00

**ORIGINAL BID ISSUE DATE:** December 19, 2025

---

### **SCOPE OF WORK**

This Addendum includes changes to, or clarifications of, the original Bidding Documents and any previously issued addenda, and shall be included in the Bid. All of these Addendum items form a part of the Contract Documents. The Bidder shall acknowledge receipt of this Addendum in the appropriate space provided on the Bid Form. Failure to do so may result in disqualification of the Bid.

### **DOCUMENTS INCLUDED IN THIS ADDENDUM**

This Addendum includes One (1) pages of text and the following documents:

- Specification Sections: **08 5113**
- Drawings: **IG 002, I 431**

### **CHANGES TO SPECIFICATIONS**

#### **ADD-1 Item No. S-1 - Sliding Aluminum Window Specification**

Spec section 08 5113 – Aluminum Windows is now included in Project Manual.

### **CHANGES TO DRAWINGS**

#### **ADD-1 Item No. D-1 - Entrance Carpet Tile**

ECPTL-1 added to MSS on sheet IG 002 and location of ECPTL-1 noted on drawing on sheet I 431.

**END OF ADDENDUM.**

**MATERIAL SELECTION SCHEDULE**

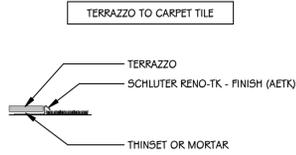
ABBREV	ITEM	MANUFACTURER	PATTERN	COLOR	PRODUCT NO.	SIZE	SINGLE SOURCE	BASIS OF DESIGN	ADDITIONAL MANUFACTURERS	PERFORMANCE	REMARKS
ACP-1	ACOUSTIC CEILING PANEL	ARMSTRONG	CORTEGA	WHITE	704	24" X 24"	X				15/16" GRID
CPML-1	CARPET TILE	PARSONS	GRANITE	WARM GRAY	SP560	24" X 24"	X				WALK OFF CARPET   MONOLITHIC INSTALLATION
ECPTL-1	ENTRANCE CARPET TILE	MILLIKEN	OBEX CUTXSTIPPLE	TAUPE	STX174-133	50CM X 50CM	X				WALK OFF CARPET   MONOLITHIC INSTALLATION
P-1	PAINT	--	--	TO MATCH EXISTING	--	--		X	BENJAMIN MOORE, PITTSBURGH PAINTS		WALL PAINT
P-2	PAINT	--	--	TO MATCH EXISTING	--	--		X	BENJAMIN MOORE, PITTSBURGH PAINTS		DOOR FRAME PAINT
RB-1	RUBBER BASE	--	--	TO MATCH EXISTING	--	--		X	ROPPE, TARKETT		--
SSM-1	SOLID SURFACE	LX HAUSYS	HI-MACS	GHOST WHITE	ST907	30" X 145" X 1/2"	X				WINDOW SILLS
TZ-1	TERRAZZO	--	--	--	--	--	X				TO MATCH EXISTING TERRAZZO

- NOTES:
- NO COMPARABLE PRODUCTS WILL BE REVIEWED FOR PRODUCTS DESIGNATED AS SINGLE SOURCE
  - COMPARABLE PRODUCTS WILL BE REVIEWED FOR ITEMS LISTED AS BASIS OF DESIGN. COMPARABLE PRODUCTS ARE REQUIRED TO MEET ANY MINIMUM PERFORMANCE REQUIREMENTS LISTED IN REMARKS AND DESIGN ATTRIBUTES OF SPECIFIED PRODUCT.
  - REFER TO TYPICAL DETAILS AND PRODUCT SPECIFICATION FOR ADDITIONAL TRIMS AND ACCESSORIES ASSOCIATED WITH SPECIFIED PRODUCTS ABOVE

**WINDOW TREATMENT SCHEDULE**

MARK	TYPE	OPERATION	MOUNTING	SHADECLOTH(S)	FINISHES	ACCESSORIES	REMARKS
RS-1	SINGLE	MANUAL	HEAD TO SILL AND JAMB TO JAMB	3% LIGHT FILTERING	TO BE SELECTED FROM MANUFACTURER'S FULL RANGE	FASCIA, BEAD CHAIN RETENTION-CLIP	EXTEND BEAD CHAIN AS REQUIRED FOR ACCESS BY USER

- NOTES:
- REFER TO SPECIFICATION FOR MORE INFORMATION.
  - WINDOW TREATMENT TAGS SHOWN ON PLAN REPRESENTS A SINGLE SHADE.
  - REFER TO FLOOR PLANS, EXTERIOR ELEVATIONS AND FRAME TYPES FOR HEIGHT AND WIDTH OF OPENINGS.
  - WINDOW TREATMENTS ARE TO BE MOUNTED INSIDE OF THE WINDOW OPENING FROM HEAD TO SILL AND JAMB TO JAMB, UNLESS NOTED OTHERWISE.
  - VERIFY ALL DIMENSIONS IN FIELD PRIOR TO FABRICATION.



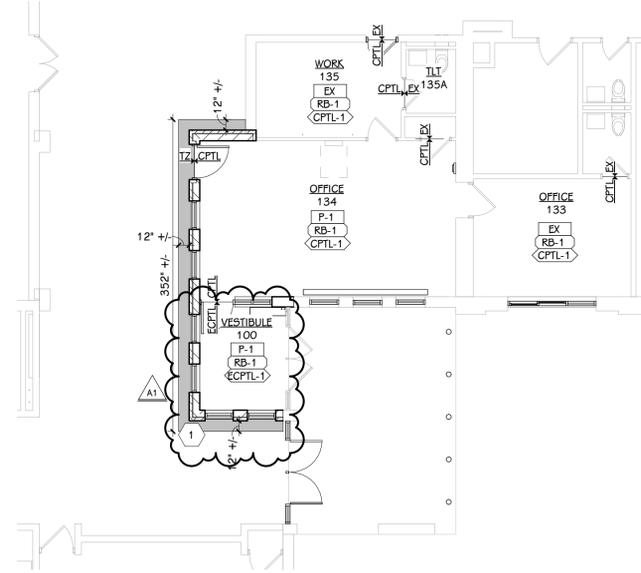
1  
16 002  
**TYPICAL FLOORING TRANSITION DETAILS**  
3" = 1'-0"

A1 02/20/2026  
ISSUED FOR DATE

PROJECT TITLE  
LAKEWOOD-VALLEY  
CENTER SECURE  
VESTIBULE

OWNER  
KALAMAZOO PUBLIC  
SCHOOLS  
Kalamazoo, Michigan

SHEET TITLE  
MATERIAL SELECTION SCHEDULE,  
WINDOW TREATMENT SCHEDULE &  
FLOORING TRANSITIONS  
SHEET NUMBER  
16 002  
DATE  
DECEMBER 19, 2025  
23-643.00



1  
1431  
ENLARGED FINISH PLAN - VESTIBULE  
1/8" = 1'-0"

KEYED NOTES - INTERIOR - FINISH PLAN  
1 PATCH TERRAZZO TO MATCH EXISTING

A1  
ISSUED FOR  
02/20/2026  
DATE

PROJECT TITLE  
LAKEWOOD-VALLEY  
CENTER SECURE  
VESTIBULE

OWNER  
KALAMAZOO PUBLIC  
SCHOOLS  
Kalamazoo, Michigan

SHEET TITLE  
ENLARGED FINISH PLAN  
DATE  
DECEMBER 19, 2025

SHEET NUMBER  
1431  
23-643.00

## SECTION 08 5113 - ALUMINUM WINDOWS

### PART 1 - GENERAL

#### 1.1 SUMMARY

- A. This Section includes operable aluminum-framed windows.
- B. Related Sections include the following:
  - 1. Division 08 Section "Aluminum-Framed Entrances and Storefronts" for coordinating finish among aluminum fenestration units.

#### 1.2 PERFORMANCE REQUIREMENTS

- A. General: Provide aluminum windows capable of complying with performance requirements indicated, based on testing manufacturer's windows that are representative of those specified, and that are of minimum test size required by AAMA/WDMA 101/I.S.2/NAFS.
- B. Thermal Movements: Provide aluminum windows, including anchorage, that allow for thermal movements resulting from the following maximum change (range) in ambient and surface temperatures by preventing buckling, opening of joints, overstressing of components, failure of joint sealants, failure of connections, and other detrimental effects. Base engineering calculation on surface temperatures of materials due to both solar heat gain and nighttime-sky heat loss.
  - 1. Temperature Change (Range): 120 deg F, ambient; 180 deg F material surfaces.

#### 1.3 SUBMITTALS

- A. Product Data: For each type of aluminum window indicated.
- B. Shop Drawings: Include plans, elevations, sections, details, hardware, attachments to other work, operational clearances, and installation details
- C. Samples for Initial Selection: For units with factory-applied color finishes.
  - 1. Include similar Samples of hardware and accessories involving color selection.
- D. Product Schedule: Use same designations indicated on Drawings.
- E. Qualification Data: For Installer.

#### 1.4 QUALITY ASSURANCE

- A. Installer: A qualified installer, approved by manufacturer to install manufacturer's products.

- B. Glazing Publications: Comply with published recommendations of glass manufacturers and with GANA's "Glazing Manual" unless more stringent requirements are indicated.
- C. Preinstallation Conference: Conduct conference at Project site.

#### 1.5 PROJECT CONDITIONS

- A. Field Measurements: Verify aluminum window openings by field measurements before fabrication and indicate measurements on Shop Drawings.
  - 1. Established Dimensions: Where field measurements cannot be made without delaying the Work, establish opening dimensions and proceed with fabricating aluminum windows without field measurements. Coordinate wall construction to ensure that actual opening dimensions correspond to established dimensions.

#### 1.6 WARRANTY

- A. Special Warranty: Manufacturer's standard form in which manufacturer agrees to repair or replace aluminum windows that fail in materials or workmanship within specified warranty period.
  - 1. Failures include, but are not limited to, the following:
    - a. Failure to meet performance requirements.
    - b. Structural failures including excessive deflection, water leakage, air infiltration, or condensation.
    - c. Faulty operation of movable sash and hardware.
    - d. Deterioration of metals, other materials, and metal finishes beyond normal weathering.
    - e. Failure of insulating glass.
  - 2. Warranty Period:
    - a. Window: Five years from date of Substantial Completion.
    - b. Glazing: 10 years from date of Substantial Completion.

#### 1.7 EXTRA MATERIALS

- A. Furnish full-size units of operating window hardware including rollers, gear-type rotary operators, hinges, sash locks, and similar items that match products installed and that are packaged with protective covering for storage and identified with labels describing contents.
  - 1. Quantity: Minimum 5 percent of the amount provided.

### PART 2 - PRODUCTS

#### 2.1 MANUFACTURERS

- A. Manufacturers: Subject to compliance with requirements, provide products by one of the following:

#### ADDENDUM NO. 1

1. EFCO Corporation.
2. Graham Architectural Products Corp.

## 2.2 WINDOWS

### A. Window Type: Horizontal sliding and related fixed.

1. Comply with AAMA/WDMA 101/I.S.2/NAFS.
  - a. Performance Class and Grade: AW40.
2. Frame Depth: 3-1/4 to 3-3/4 inches as standard with manufacturer.
3. Condensation-Resistance Factor (CRF): Provide aluminum windows tested for thermal performance according to AAMA 1503, showing a CRF of 47.
4. Thermal Transmittance: Provide aluminum windows with a whole-window, U-factor maximum indicated at 15-mph exterior wind velocity and winter condition temperatures when tested according to NFRC 100.
  - a. U-Factor: 0.62 Btu/sq. ft. x h x deg F or less.
5. Air Infiltration: Maximum rate not more than indicated when tested according to AAMA/WDMA 101/I.S.2/NAFS, Air Infiltration Test.
  - a. Maximum Rate: 0.16 cfm/sq. ft. of area at an inward test pressure of 6.24 lbf/sq. ft..
6. Water Resistance: No water leakage as defined in AAMA/WDMA referenced test methods at a water test pressure of 10 lbf/sq. ft., when tested according to AAMA/WDMA 101/I.S.2/NAFS, Water Resistance Test.
7. Forced-Entry Resistance: Comply with Performance Grade 10 requirements when tested according to ASTM F 588.
8. Life-Cycle Testing: Test according to AAMA 910 and comply with AAMA/WDMA 101/I.S.2/NAFS.
9. Operating Force and Auxiliary (Durability) Tests: Comply with AAMA/WDMA 101/I.S.2/NAFS for operating window types indicated.

## 2.3 GLAZING

- ### A. Glass and Glazing Materials: Refer to Division 08 Section "Glazing" for glass units and glazing requirements applicable to glazed aluminum window units.

## 2.4 HARDWARE

- ### A. General: Provide manufacturer's standard hardware fabricated from aluminum, stainless steel, carbon steel complying with AAMA 907, or other corrosion-resistant material compatible with aluminum; designed to smoothly operate, tightly close, and securely lock aluminum windows, and sized to accommodate sash or ventilator weight and dimensions. Do not use aluminum in frictional contact with other metals. Where exposed, provide solid bronze or nonmagnetic stainless steel.
- ### B. Sill Cap/Track: Extruded-aluminum track with natural anodized finish, of thickness, dimensions, and profile indicated; designed to comply with performance requirements indicated and to drain to the exterior.

### ADDENDUM NO. 1

- C. Locks and Latches: Designed to allow unobstructed movement of the sash across adjacent sash in direction indicated and operated from the inside only.
- D. Roller Assemblies: Low-friction design.
- E. Gear-Type Rotary Operators: Comply with AAMA 901 when tested according to ASTM E 405, Method A.
  - 1. Operation Function: All ventilators move simultaneously and securely close at both jambs without using additional manually controlled locking devices.
- F. Four- or Six-Bar Friction Hinges: Comply with AAMA 904.
  - 1. Locking mechanism and handles for manual operation.
  - 2. Friction Shoes: Provide friction shoes of nylon or other nonabrasive, nonstaining, noncorrosive, durable material.
- G. Horizontal-Sliding Windows: Provide the following operating hardware:
  - 1. Sash Rollers: Stainless-steel, lubricated ball-bearing rollers with nylon tires.
  - 2. Sash Lock: Cam-action sweep sash lock and keeper at meeting rails.

## 2.5 INSECT SCREENS

- A. General: Design windows and hardware to accommodate screens in a tight-fitting, removable arrangement, with a minimum of exposed fasteners and latches. Fabricate insect screens to fully integrate with window frame. Locate screens on outside of window and provide for each operable exterior sash or ventilator.
  - 1. Aluminum Tubular Frame Screens: Comply with SMA 1004, "Specifications for Aluminum Tubular Frame Screens for Windows," Architectural C-24 class.
- B. Aluminum Insect Screen Frames: Manufacturer's standard aluminum alloy complying with SMA 1004. Fabricate frames with mitered or coped joints or corner extrusions, concealed fasteners, and removable PVC spline/anchor concealing edge of frame.
  - 1. Aluminum Tubular Framing Sections and Cross Braces: Roll formed from aluminum sheet with minimum wall thickness as required for class indicated.
  - 2. Finish: Match aluminum window members.
- C. Aluminum Wire Fabric: 18-by-16 mesh of 0.011-inch- diameter, coated aluminum wire.
  - 1. Wire-Fabric Finish: Natural bright.

## 2.6 FABRICATION

- A. Fabricate aluminum windows that are reglazable without dismantling sash or ventilator framing.
  - 1. Provide windows with principal framing members minimum 0.125 inch thick.

- B. Thermally Improved Construction: Fabricate aluminum windows with an integral, concealed, low-conductance thermal barrier; located between exterior materials and window members exposed on interior side; in a manner that eliminates direct metal-to-metal contact.
  - 1. Provide thermal-break construction that has been in use for not less than three years and has been tested to demonstrate resistance to thermal conductance and condensation and to show adequate strength and security of glass retention.
  - 2. Provide thermal barriers tested according to AAMA 505; determine the allowable design shear flow per the appendix in AAMA 505.
  - 3. Provide hardware with low conductivity or nonmetallic material for hardware bridging thermal breaks at frame or vent sash.
- C. Weather Stripping: Provide full-perimeter weather stripping for each operable sash and ventilator.
- D. Weep Holes: Provide weep holes and internal passages to conduct infiltrating water to exterior.
- E. Provide water-shed members above side-hinged ventilators and similar lines of natural water penetration.
- F. Mullions: Provide mullions and cover plates as shown, matching window units, complete with anchors for support to structure and installation of window units. Allow for erection tolerances and provide for movement of window units due to thermal expansion and building deflections, as indicated. Provide mullions and cover plates capable of withstanding design loads of window units.
- G. Subframes: Provide subframes with anchors for window units as shown, of profile and dimensions indicated but not less than 0.062-inch- thick extruded aluminum. Miter or cope corners, and weld and dress smooth with concealed mechanical joint fasteners. Finish to match window units. Provide subframes capable of withstanding design loads of window units.
- H. Factory-Glazed Fabrication: Glaze aluminum windows in the factory where practical and possible for applications indicated. Comply with requirements in Division 08 Section "Glazing" and with AAMA/WDMA 101/I.S.2/NAFS.
- I. Glazing Stops: Provide snap-on glazing stops coordinated with Division 08 Section "Glazing" and glazing system indicated. Provide glazing stops to match sash and ventilator frames.

## 2.7 ALUMINUM FINISHES

- A. Aluminum Anodic Finish: Class II, coating complying with AAMA 611. Match finish of storefront system in which the window is installed.

## PART 3 - EXECUTION

### 3.1 INSTALLATION

- A. Comply with Drawings, Shop Drawings, and manufacturer's written instructions for installing windows, hardware, accessories, and other components.

- B. Install windows level, plumb, square, true to line, without distortion or impeding thermal movement, anchored securely in place to structural support, and in proper relation to wall flashing and other adjacent construction.
- C. Set sill members in bed of sealant or with gaskets, as indicated, for weathertight construction.
- D. Install windows and components to drain condensation, water penetrating joints, and moisture migrating within windows to the exterior.
- E. Separate aluminum and other corrodible surfaces from sources of corrosion or electrolytic action at points of contact with other materials.
- F. Adjust operating sashes and ventilators, screens, hardware, and accessories for a tight fit at contact points and weather stripping for smooth operation and weathertight closure. Lubricate hardware and moving parts.
- G. Clean aluminum surfaces immediately after installing windows. Avoid damaging protective coatings and finishes. Remove excess sealants, glazing materials, dirt, and other substances.
- H. Clean factory-glazed glass immediately after installing windows. Comply with manufacturer's written recommendations for final cleaning and maintenance. Remove nonpermanent labels, and clean surfaces.
- I. Remove and replace glass that has been broken, chipped, cracked, abraded, or damaged during construction period.

**END OF SECTION 08 5113**

## **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 12 10	Substitution Request Form
	00 20 00	Information Available to Bidders
	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
		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 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	Substitution Procedures
	01 25 00a	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 40 00a	Quality Requirements
	01 42 00	References
	01 45 10	Testing Laboratory Services
	01 50 50	Temporary Facilities And Controls
	01 51 10	Temporary Electricity, Lighting & Warning Systems
	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 20	Tree And Plant Protection
01 54 60	Environment Protection
01 56 90	Housekeeping And Safety
01 57 60	Project Signs
01 59 10	Project Office
01 60 00	Product Requirements
01 60 00a	Product Requirements
01 71 50	Final Cleaning
01 72 50	Work Layout
01 73 10	Cutting And Patching
01 77 00	Contract Closeout

## **DIVISION 02 — EXISTING CONDITIONS**

02 41 19	Selective Structure Demolition
----------	--------------------------------

## **DIVISION 03 — CONCRETE**

03 30 00	Cast-In-Place Concrete
03 60 00	Post Installed Anchors

## **DIVISION 04 — MASONRY**

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

## **DIVISION 05 — METALS**

05 40 00	Cold-Formed Metal Framing
05 50 00	Metal Fabrications

## **DIVISION 06 — WOOD, PLASTICS, AND COMPOSITES**

06 10 00	Rough Carpentry
06 16 00	Sheathing
06 46 00	Wood Trim

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

07 21 19	Foamed-In-Place Insulation
07 24 13	Polymer-Based Exterior Insulation & Finish System (EIFS)
07 27 15	Non-bituminous Self-Adhering Sheet Air Barriers
07 62 00	Sheet Metal Flashing And Trim
07 84 13	<del>Penetration Firestopping</del>

07 84 46 — Fire-Resistive Joint Systems  
07 92 00 Joint Sealants

### **DIVISION 08 — OPENINGS**

08 11 13 Hollow Metal Doors And Frames  
08 14 16 Flush Wood Doors  
~~08 41 13 Aluminum Framed Entrances And Storefronts~~  
08 71 00 Door Hardware  
08 80 00 Glazing  
08 88 13 Fire-Resistant Glazing  
08 91 19 Fixed Louvers

### **DIVISION 09 — FINISHES**

09 21 16.23 Gypsum Board Shaft Wall Assemblies  
09 22 16 Non-Structural Metal Framing  
09 26 13 Gypsum Veneer Plastering  
09 29 00 Gypsum Board  
09 51 13 Acoustical Panel Ceilings  
09 65 13 Resilient Base And Accessories  
09 66 13 Portland Cement Terrazzo Flooring  
09 68 13 Tile Carpeting  
09 91 13 Exterior Painting  
09 91 23 Interior Painting

### **DIVISION 10 — SPECIALTIES**

10 44 13 Fire Protection Cabinets  
10 44 16 Fire Extinguishers

### **DIVISION 23 — HEATING VENTILATING AND AIR CONDITIONING**

23 05 00 Common Work Results For HVAC  
23 05 13 Common Motor Requirements For HVAC Equipment  
23 05 23 General-Duty Valves For HVAC Piping (2&smaller)  
23 05 29 Hangers And Supports For HVAC Piping And Equipment  
23 05 53 Identification For HVAC Piping And Equipment  
23 07 00 HVAC Insulation  
23 09 00 Instrumentation And Control For HVAC  
23 21 13 Hydronic Piping  
23 81 13 Packaged Terminal Air-Conditioners  
23 82 39 Unit Heaters

### **DIVISION 26 — ELECTRICAL**

26 05 00	Common Work Results For Electrical
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	Raceways And Boxes For Electrical Systems
26 05 44	Sleeves And Sleeve Seals For Electrical Raceways And Cabling
26 05 53	Identification For Electrical Systems
26 09 23	Lighting Control Devices
26 24 16	Panelboards
26 27 26	Wiring Devices
26 29 13	Enclosed Enclosures
26 43 13	Surge Protection For Low-Voltage Electrical Power Circuits
26 51 00	Interior Lighting

**DIVISION 27 — COMMUNICATIONS**

27 05 00	Common Work Results For Communications
27 05 26	Grounding And Bonding For Communications Systems
27 05 28	Pathways For Communications Systems

**DIVISION 28 — ELECTRONIC SAFETY AND SECURITY**

28 31 00	Fire Detection And Alarm
----------	--------------------------

END OF SECTION 00 00 20

## **SECTION 00 43 50 - SUBCONTRACTORS AND PRODUCTS LIST**

### **PART 1 - GENERAL**

#### **1.01 DESCRIPTION**

- A. The two (2) low responsive Bidders in each Bid Category shall furnish electronically, the following Subcontractors and Products List to the Construction Manager within **one (1) working day (24 hrs.) of bid opening, unless submitted with Bid.** The blanks appropriate to the Bid Category(ies) on which they bid shall be completed.
1. The Owner and Architect shall have the right to select any material or equipment named in the Specifications for any particular item where the Bidder either fails to list same or lists more than one name for the item in question.
  2. It is intended that this list will show the manufacturer and supplier of major items of work that will be subcontracted and to whom.

#### **1.02 INSTRUCTIONS FOR SUBCONTRACTORS AND PRODUCTS LISTS**

- A. Each Bidder shall submit a copy of his list of subcontractors and manufacturers of products and equipment proposed for work indicated as required above.
- B. The list shall be submitted on forms provided and shall be completely executed. "As Specified" or "With Equipment" type of terminology will not be accepted.
- C. Under "Subcontractor", insert the name of the firm which the Bidder proposes to have perform the respective work. If work will be done by the Prime Bidder and no subcontract will be awarded, state "By Own Forces".
- D. Submission does not constitute acceptance for use of listed manufacturers' products. Materials and subcontractors are subject to the provisions of the General Conditions and "Standard of Product Acceptability" and must be formally reviewed and adjudged acceptable by the Architect/Engineer.
- E. Engineer, Architect and Owner reserve the right to reject submissions of materials, work, or subcontractors that do not, in their opinion, meet the requirements of Drawings, Specifications or job conditions.
- F. Materials and subcontractors used for work on the Project shall be in accordance with accepted material list.
1. The list is intended to assure use of materials and vendors acceptably equivalent to those specified and is not a substitution sheet or complete listing of required materials or services.

2. Substitutions for listed items will not be allowed, except when termed acceptable, in writing by the Architect/Engineer, provided that substitution will result in a cost savings to the Owner , determined by the Owner to be a better product,or is made necessary due to unavailability of listed item. Unavailability shall be confirmed in writing by manufacturer named on accepted list.

**1.03 CIVIL AND ARCHITECTURAL WORK SUBCONTRACTORS AND PRODUCTS LIST**

BID CATEGORY NO. 01 GENERAL TRADES

NAME OF BIDDER \_\_\_\_\_

The undersigned hereby submits the following Subcontractors and Products List which becomes a part of the undersigned Contract proposal. Subcontractor purchased material, equipment, and labor shall be under the direct management and control of the Prime Contractor. If a dual listing of manufacturers and subcontractors is herein made, it is understood the Architect/Engineer (not the Contractor) will select the manufacturer or subcontractor of his choice. State the XBE Designation.

CIVIL AND ARCHITECTURAL WORK

<u>Section</u>	<u>Description</u>	<u>Cost \$\$\$</u>	<u>Subcontractor</u>	<u>Manufacturer</u>
01 21 00	Allowances			
01 51 80	Temporary Fire Protection			
01 52 10	Construction Aids and Temporary Enclosures			
01 52 60	Rubbish Container			
01 53 20	Tree and Plant Protection			
01 57 60	Project Signs			
02 41 19	Selective Structure Demolition			
03 30 00	Cast-In-Place Concrete			
03 60 00	Post Installed Anchors			
04 20 00	Unit Masonry			

<u>Section</u>	<u>Description</u>	<u>Cost \$\$\$</u>	<u>Subcontractor</u>	<u>Manufacturer</u>
05 40 00	Cold-Formed Metal Framing			
05 50 00	Metal Fabrications			
06 10 00	Rough Carpentry			
06 16 00	Sheathing			
06 46 00	Wood Trim			
07 21 19	Foamed-In-Place Insulation			
07 24 13	Polymer-Based Exterior Insulation And Finish System (EIFS)			
07 27 15	Nonbituminous Self-Adhering Sheet Air Barriers			
07 62 00	Sheet Metal Flashing And Trim			
07 84 13	Penetration Firestopping			
07 84 46	Fire-Resistive Joint Systems			
07 92 00	Joint Sealants			
08 11 13	Hollow Metal Doors And Frames			
08 14 16	Flush Wood Doors			
08 41 13	<del>Aluminum Framed Entrances And Storefronts</del>			
08 71 00	Door Hardware			
08 80 00	Glazing			
08 88 13	Fire-Resistant Glazing			
08 91 19	Fixed Louvers			
09 21 16.23	Gypsum Board Shaft Wall Assemblies			

<u>Section</u>	<u>Description</u>	<u>Cost \$\$\$</u>	<u>Subcontractor</u>	<u>Manufacturer</u>
09 22 16	Non-Structural Metal Framing			
09 26 13	Gypsum Veneer Plastering			
09 29 00	Gypsum Board			
09 51 13	Acoustical Panel Ceilings			
09 65 13	Resilient Base And Accessories			
09 66 13	Portland Cement Terrazzo Flooring			
09 68 13	Tile Carpeting			
09 91 13	Exterior Painting			
09 91 23	Interior Painting			
10 44 13	Fire Protection Cabinets			
10 44 16	Fire Extinguishers			
23 05 00	Common Work Results For HVAC			
23 05 13	Common Motor Requirements For HVAC Equipment			
23 05 23	General-Duty Valves For HVAC Piping (2&smaller)			
23 05 29	Hangers And Supports For HVAC Piping And Equipment			
23 05 53	Identification For HVAC Piping And Equipment			
23 07 00	HVAC Insulation			
23 09 00	Instrumentation And Control For HVAC			

<u>Section</u>	<u>Description</u>	<u>Cost \$\$\$</u>	<u>Subcontractor</u>	<u>Manufacturer</u>
23 21 13	Hydronic Piping			
23 81 13	Packaged Terminal Air-Conditioners			
23 82 39	Unit Heaters			

Name of Bidder:	Date:
Address:	
City/State/Zip:	
Telephone:	
By:	

BID CATEGORY NO. 02 ALUMINUM ENTRANCES, STOREFRONTS & GLAZING

NAME OF BIDDER \_\_\_\_\_

The undersigned hereby submits the following Subcontractors and Products List which becomes a part of the undersigned Contract proposal. Subcontractor purchased material, equipment, and labor shall be under the direct management and control of the Prime Contractor. If a dual listing of manufacturers and subcontractors is herein made, it is understood the Architect/Engineer (not the Contractor) will select the manufacturer or subcontractor of his choice. State the XBE Designation.

CIVIL AND ARCHITECTURAL WORK

<u>Section</u>	<u>Description</u>	<u>Cost \$\$\$</u>	<u>Subcontractor</u>	<u>Manufacturer</u>
01 21 00	Allowances			
07 84 13	<del>Penetration</del> Firestopping			
07 84 46	<del>Fire-Resistive Joint</del> Systems			
07 92 00	Joint Sealants			
08 41 13	Aluminum-Framed Entrances And Storefronts			
08 71 00	Door Hardware			
08 80 00	Glazing			
08 88 13	Fire-Resistant Glazing			

Name of Bidder:	Date:
Address:	
City/State/Zip:	
Telephone:	
By:	

## 1.05 ELECTRICAL WORK SUBCONTRACTORS AND PRODUCTS LIST

BID CATEGORY NO. 03 ELECTRICAL

NAME OF BIDDER \_\_\_\_\_

The undersigned hereby submits the following Subcontractors and Products List which becomes a part of the undersigned Contract proposal. Subcontractor purchased material, equipment, and labor shall be under the direct management and control of the Prime Contractor. If dual listing of manufacturers or subcontractors is herein made, it is understood the Architect/Engineer (not the Contractor) will select the manufacturer or subcontractor of his choice.

### ELECTRICAL WORK

<u>Section</u>	<u>Description</u>	<u>Cost \$\$\$</u>	<u>Subcontractor</u>	<u>Manufacturer</u>
01 21 00	Allowances			
01 51 10	Temporary Electricity, Lighting & Warning Systems			
07 84 13	Penetration Firestopping			
07 84 46	Fire-Resistive Joint Systems			
07 92 00	Joint Sealants			
26 05 00	Common Work Results For Electrical			
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	Raceways And Boxes For Electrical Systems			
<b><u>Section</u></b>	<b><u>Description</u></b>	<b><u>Cost \$\$\$</u></b>	<b><u>Subcontractor</u></b>	<b><u>Manufacturer</u></b>
26 05 44	Sleeves And Sleeve Seals For Electrical Raceways And Cabling			
26 05 53	Identification For Electrical Systems			
26 09 23	Lighting Control Devices			
26 24 16	Panelboards			
26 27 26	Wiring Devices			
26 29 13	Enclosed Enclosures			
26 43 13	Surge Protection For Low-Voltage Electrical Power Circuits			
26 51 00	Interior Lighting			
27 05 00	Common Work Results For Communications			
27 05 26	Grounding And Bonding For Communications Systems			
27 05 28	Pathways For Communications Systems			
28 31 00	Fire Detection And Alarm			

Name of Bidder:	Date:
Address:	
City/State/Zip:	
Telephone:	
By:	

END OF SECTION 00 43 50

## **SECTION 01 12 00 - MULTIPLE CONTRACT SUMMARY**

### **PART 1 GENERAL**

#### **1.01 RELATED DOCUMENTS**

- A. Drawings and General Provisions of the Prime Contract, including amended General Conditions and other Division 1 Specification Sections, apply to Work of this Section.

#### **1.02 SUMMARY**

- A. The intent of this Section is to indicate the Work required by the Contractors and to provide information regarding the duties, responsibilities, and cooperation required by the Contractors, with similar requirements for the subcontractors and suppliers.
- B. Owners right to maintain current operations
- C. Occupancy requirements
- D. Work by Owner
- E. Permits, fees, and notices
- F. Labor and materials
- G. Verifications of existing dimensions
- H. Project security
- I. Coordination of work
- J. Time of commencement and completion
- K. Schedule of contract responsibilities

#### **1.03 WORK UNDER SEPARATE CONTRACTS**

- A. Prime Contracts are defined to include the following contracts described in the Schedule of Contract Responsibilities included hereinafter; and each is recognized to be a major part of the project, with Work to be performed concurrently and in close coordination with Work of other Prime Contracts.
- B. The "Contract Documents," as defined in the General Conditions, include "the Drawings." Although Drawings are grouped and identified by classification of the Work, Contractors shall be responsible for their Work as specified herein and as

indicated on the Drawings. Although the majority of the Drawings are "to scale," Contractors are directed to use indicated dimensions for determining material quantities and for other reasons. No additional monies will be allowed due to Contractors using "scaling instruments" to determine material quantities or for other reasons.

- C. Separate prime contracts will be awarded as per the "**Schedule of Contract Responsibilities**" (see Part 3 – Execution). Contractors shall include Work required by the Specifications and Drawings for each contract area defined in the Schedule.
- D. Work for the complete construction of the Project will be under multiple prime contracts with the Owner. The Construction Manager will manage the construction of the Project.
- E. Each Contractor shall be responsible for demolition and disposal of existing items relative to his Contract.

#### **1.04 ADMINISTRATIVE RESPONSIBILITIES OF PRIME CONTRACTORS AND CM**

- A. The Construction Manager shall be responsible for the maintenance of the Construction Schedule and management of every phase of the Work.
  - 1. Each Contractor shall read the Specifications and Drawings for other separate Contracts for fixed equipment and the like to be incorporated or attached or built in to the Work; and familiarize himself with the requirements and responsibilities of other Contracts to enable the required coordination and supervision.
  - 2. Each Contractor shall also familiarize himself with other items to be incorporated into the Work including equipment and Work by the Owner.
  - 3. Each Contractor shall cooperate with the Construction Manager in notifying him when the Work is at a stage to require the services of other Contractors and shall notify the Construction Manager in the event that such other Contractors do not carry out their responsibilities in connection with such notification.
- B. Contractors shall cooperate with and assist the Construction Manager in the preparation of construction progress and procedures, schedule of product deliveries, and their effect on the overall project progress and completion. Other Contractors shall cooperate in getting their Work and the Work of their subcontractors completed according to the schedule as prepared and maintained by the Construction Manager. Each Contractor shall immediately notify the Construction Manager of a delay in delivery of products or the scheduled date of completion that may affect the total progress of construction.
- C. The Owner will furnish the topographical survey, either as a part of these Drawings or separately, giving the general topographical lines existing at the site and the property lines.

- D. Contractors required to make connections to existing utilities, especially sewerage where gravity flow occurs, shall verify grades and locations at points of such connections and shall notify the Construction Manager of circumstances which would adversely affect the proper flow or connection to such facilities.

#### **1.05 PRIME CONTRACTORS USE OF PREMISES**

- A. Use of the Site: Limit use of the premises to work in areas indicated. Confine operations to areas within contract limits indicated. Do not disturb portions of the site beyond the areas in which the Work is indicated.
  - 1. Owner Occupancy: Allow for Owner occupancy and use by the public.
  - 2. Driveways and Entrances: Keep driveways and entrances serving the premises clear and available to the Owner, the Owner's employees, and emergency vehicles at all times. Do not use these areas for parking or storage of materials. Schedule deliveries to minimize space and time requirements for storage of materials and equipment on site.
- B. Use of the Existing Building: Maintain the existing building in a weathertight condition throughout the construction period. Repair damage caused by construction operations. Take all precautions necessary to protect the building and its occupants during the construction period.

#### **1.06 OWNERS RIGHT TO MAINTAIN OPERATIONS**

- A. During the course of this Project, normal and customary functions and operations must be maintained. The Contract Documents are intended to define a strict separation between the school activities of students and staff from the activities of the construction project.
- B. The Construction Manager, Architect, and Owner will not tolerate any visible or audible actions initiated or responded to by any employees of Contractors on this Project toward any students, teachers, or staff members at the school system. Violators shall be promptly removed from the site.
- C. The Owner intends to instruct students, teachers, and staff to refrain from communications with Contractor's personnel working on this Project. All communication with Owner and staff shall be through the Construction Manager.

- D. Contractors must expend their best effort toward protection of the health, safety, and welfare of occupants on the Owner's property during the course of Work on this Project.
- E. Contractors and Subcontractors shall be subject to such rules and regulations for the conduct of the Work as the Owner may establish. Employees shall be properly and completely clothed while working. Bare torsos, legs and feet will not be allowed. Possession or consumption of alcoholic beverages or drugs, tobacco or other noxious behavior on the site is strictly prohibited. Violators shall be promptly removed from the site. Smoking is not permitted on school property or within school buildings.

### **1.07 OCCUPANCY REQUIREMENTS**

- A. Full Owner Occupancy: The Owner will occupy the site and existing building during the entire construction period. Cooperate with the Owner during construction operations to minimize conflicts and facilitate Owner usage. Perform the Work so as not to interfere with the Owner's operations.
- B. Partial Owner Occupancy: The Owner reserves the right to occupy and to place and install equipment in completed areas of the building prior to Substantial Completion, provided such occupancy does not interfere with completion of the Work. Such placing of equipment and partial occupancy shall not constitute acceptance of the total Work.
  - 1. The Construction Manager will prepare a Certificate of Substantial Completion for each specific portion of the Work to be occupied prior to Owner occupancy.
  - 2. Party which obtained general building permit shall obtain a Certificate of Occupancy from local building officials prior to Owner occupancy.
  - 3. Prior to partial Owner occupancy, mechanical and electrical systems shall be fully operational. Required inspections and tests shall have been successfully completed. Upon occupancy, the Owner will operate and maintain mechanical and electrical systems serving occupied portions of the building.
  - 4. Upon occupancy, the Owner will assume responsibility for maintenance and custodial service for occupied portions of the building.

### **1.08 WORK BY OWNER**

- A. The Owner intends to complete the following items of Work outside the provisions of these Contract Documents. Contractors shall not restrict or interfere with the Owner's right to the Project to accomplish this Work.
  - 1. Equipment and furniture except as scheduled and specified under Divisions 11 and 12 and shown on the Drawings.
  - 2. Items which may be deleted from Contracts for Work as required by the Contract Documents.
  - 3. Existing school maintenance work.

4. The purchase and supplying of certain materials as noted in the Project Manual.
5. The Owner, under separate contract, shall provide removal of identified asbestos containing materials from the existing structure. The asbestos report is available through the Construction Manager upon request.
6. (List other items as may be applicable).

#### **1.09 PERMITS, FEES, AND NOTICES**

- A. As the Construction Manager, The Skillman Corporation will secure the general building permit for the Owner. Each Contractor shall secure and pay for other permits, governmental fees, and licenses necessary for the proper execution and completion of the Contractors Work. Fees to relocate utilities on Owner's property shall be included in the bid of the Contractor doing the relocation.
  1. The Owner shall pay for the cost of the Building Permit.
  2. State filing fees for plan approval are the responsibility of the Owner and will be paid by the Owner.
- B. Utility Tie-Ins: Shall be arranged with local utility company and other involved parties for minimum interruption of service.
- C. Shutdowns of existing systems shall be limited to minimum time required and scheduled with other involved parties. Provide 2 days written notice of shutdown to Construction Manager and Owner.
- D. Inspections of installed work shall be performed by the governing authority as arranged for by the Contractor. Work shall not be covered until approved.
- E. Each Contractor shall give notices and comply with laws, ordinances, rules, regulations, and orders of public authorities bearing on the performance of his Work. If a Contractor observes that the Contract Documents are at variance therewith, he shall promptly notify the Construction Manager in writing, and necessary changes shall be adjusted by appropriate notification. If a Contractor performs Work knowing it to be contrary to such laws, ordinances, rules, and regulations, and without such notice to the Construction Manager, he shall assume full responsibility therefore and shall bear the costs attributable thereto.

#### **1.10 LABOR AND MATERIALS**

- A. Unless otherwise specifically noted, the Contractor shall provide and pay for labor, materials, equipment, tools, construction equipment and machinery, water, heat, utilities, transportation, and other facilities and services necessary for the proper execution and completion of his Work, whether temporary or permanent and whether or not incorporated or to be incorporated in the Work.

- B. Each Contractor shall enforce strict discipline and good order among his employees or other persons carrying out Work of his Contract and shall not permit employment of unfit person or persons or anyone not skilled in the task assigned to them.
- C. Prime Contractors must furnish a letter to the Construction Manager, stating that Contractor shall not assign any of its employees, agents or other individuals to perform any services in the District's facilities or program sites if that individual:
  - 1. Is listed on the Michigan Sex Offender Registry, [www.mipsor.state.mi.us](http://www.mipsor.state.mi.us).
  - 2. Is listed on the Federal Sex Offender Registry [www.nsopw.gov](http://www.nsopw.gov).
  - 3. Has not passed a 5-50 drug screen, testing negative for the following drugs:
    - a. Amphetamines
    - b. Methamphetamines
    - c. Cocaine
    - d. Codeine
    - e. Methadone
    - f. Morphine
    - g. Phencyclidine (PCP)
    - h. Marijuana
- D. ID Stickers will be issued by The Skillman Corporation upon receipt of verification from the Contractor that the employee/subcontractor employee or independent contractor has a satisfactory record to work on the Project. Stickers will be numbered and numbers assigned to each worker to be worn on their hardhat. It is the Contractor's responsibility to maintain a record of contractor's name assigned each number and provide to The Construction Manager upon request.
- E. Consistent with Michigan law, possession or consumption of drugs on school property will promptly be reported to the local police. Consumption of alcoholic beverages or tobacco or other noxious behavior on school owned property is strictly prohibited. Violators shall be promptly removed from the site. Smoking is not permitted on school property or within school buildings.

### **1.11 CUTTING AND PATCHING**

- A. Refer to Section 01 73 10 – Cutting and Patching, for provisions on this subject.

### **1.12 VERIFICATIONS OF EXISTING DIMENSIONS**

- A. When verification of existing dimensions is required, the Contractor requiring said verification for the construction or fabrication of his material shall be the Contractor responsible for the procurement of the field information.

### **1.13 PROJECT SECURITY**

- A. Each Prime Contractor shall take all reasonable precautions to prevent injury, damage or loss to people and property in, on and adjacent to the project. This shall

include not only their own work or property but that of other contractors and the Owner.

- B. If deemed necessary by The Construction Manager a project wide security program may be developed for the purpose of preventing damage or loss at the project site or property adjacent thereto. Once accepted by the Owner, contractors shall comply.

#### **1.14 SCHEDULE OF CONTRACT RESPONSIBILITIES - SCOPE**

- A. Contractors shall submit their proposals based on the work included under each contract area as listed herein. Include Work necessary for a complete project, as shown on the Drawings and called for in the Specifications.
- B. Questions concerning the phasing or "Schedule of Contract Responsibilities" should be directed to the Construction Manager, who will be the interpreter and be responsible for this Schedule of Contract Responsibilities and Contract Breakdown, prior to submitting proposals and during construction.
- C. The requirements of Division 1 are a part of the Work of each and every contract area. The Contractor for any one contract area shall be familiar with the Work and requirements of all other contract areas.
- D. Certain Specification Sections describe Work to be performed under several contract areas. (Example: 06 10 00 - Rough Carpentry.) Provide Work of this nature as required for each contract area whether or not enumerated in the Schedule of Contract Responsibilities.
- E. The following contract areas are broken down by Specifications Section conforming basically to the CSI format.
- F. The Drawings and Specifications as furnished for each of the Contracts is for the convenience of the Contractor in preparing a proposal for this Project. However, each Contractor is responsible to review the complete set of Drawings and Specifications to assure that Work required to be installed to complete his phase of the Work is included in his proposal. This "Schedule of Contract Responsibilities" is a definition of the work as it is to be bid in separate contracts. Where a specific item of Work is not defined, but is normally inherent to a trade, or is included in the scope of the applicable technical revision, it will be the responsibility of that Contractor to include the Work in his proposal.
- G. This "Schedule of Contract Responsibilities" is to aid each Contractor in defining the Scope of Work to be included in his proposal. However, omissions from this "Schedule of Responsibilities" do not relieve the Contractor from including in his proposal that Work which will be required to complete his Contract. Each Contractor should read the "Schedule of Contract Responsibilities" completely to familiarize himself with the Work of other Contractors that may have Work in

adjacent areas and to coordinate the interfacing problems that may occur as the work is assembled and constructed.

- H. Where specific Work is to be completed under a particular phase of the Project and the Work is wholly or partially completed by other trades because of the type of work involved or jurisdictional trade agreements, the Contractor will be responsible to subcontract the Work as necessary to complete the Work included in his Contract. No delay in the Work will be allowed due to the failure of the Contractor to subcontract related work required by jurisdictional trade agreements.

### **1.15 COORDINATION OF WORK**

- A. Each Contractor is responsible to coordinate his Work with the Work of other trades and other Contractors and requirements of the school system. The Contractor must make space allowances for Work of other Contractors, provide necessary openings where indicated or implied by the Drawings and Specifications. Each Contractor is responsible to protect his own Work.

### **1.16 TIME OF COMMENCEMENT AND COMPLETION**

- A. The Contractor shall commence work within ten (10) days after being notified in writing to proceed and shall complete the Work within the time limitations established in the Form of Agreement.
  - 1. It is anticipated that construction will start within **171** calendar days after receipt of bids.
  - 2. Construction shall be complete within **154** consecutive calendar days, or earlier, after Notice to Proceed.

### PART 2 PRODUCTS (Not Used)

### **PART 3 EXECUTION**

#### **3.01 SCHEDULE OF CONTRACT RESPONSIBILITIES**

#### **3.02 GENERAL REQUIREMENTS**

- A. PROVIDED BY OWNER THROUGH THE CONSTRUCTION MANAGER
  - Section 01 32 00 Schedules and Reports
  - Section 01 45 00S Masonry Inspection Report
  - Section 01 45 10 Testing Laboratory Services
  - Section 01 51 60 Temporary Sanitary Facilities
  - Section 01 52 60 Rubbish Container
  - Section 01 59 10 Project Office
  - Section 01 71 50 Final Cleaning

B. PROVIDED BY ALL CONTRACTORS AS APPLICABLE

Section	01 12 00	Multiple Contract Summary
Section	01 2 300	Alternates
Section	01 25 00	Substitution Procedures
Section	01 25 00a	Contract Modification Procedures
Section	01 28 00	Schedule Of Values
Section	01 29 00	Applications For Payment
Section	01 31 00	Project Meetings
Section	01 32 00	Schedules And Reports
Section	01 33 00	Submittal Procedures
Section	01 40 00a	Quality Requirements
Section	01 42 00	References
Section	01 45 10	Testing Laboratory Services (Paragraph 1.05)
Section	01 50 50	Temporary Facilities And Controls
Section	01 54 60	Environment Protection
Section	01 56 90	Housekeeping & Safety
Section	01 60 00	Product Requirements
Section	01 60 00a	Product Requirements
Section	01 72 50	Work Layout
Section	01 73 10	Cutting And Patching
<del>Section</del>	<del>01 73 29</del>	<del>Cutting And Patching</del>
Section	01 77 00	Contract Closeout

**Autodesk Build** has replaced **PlanGrid**. **Autodesk Build** does not require users to purchase a license. **Contractors** will be invited to the project and required to use this tool. **Autodesk Build** will be used as the **Current Set** and **As-Built Record Drawings**. Additionally, it will be used to track **Issues** for **Safety, QA/QC, Non-Compliance Issues, Work Completion List** and **Punch List**.

C. PROVIDED BY DESIGNATED CONTRACTORS

Section	01 21 00	Allowances
Section	01 51 10	Temporary Electricity, Lighting & Warning Systems
Section	01 51 80	Temporary Fire Protection
Section	01 52 10	Construction Aids and Temporary Enclosures
Section	01 53 20	Tree and Plant Protection
Section	01 57 60	Project Signs

### 3.03 BID CATEGORIES

#### A. BID CATEGORY NO. 01 – GENERAL TRADES

General Requirements in Paragraph 3.02.B above.

Section	01 21 00	Allowances
Section	01 51 80	Temporary Fire Protection
Section	01 52 10	Construction Aids and Temporary Enclosures
Section	01 52 60	Rubbish Container
Section	01 53 20	Tree and Plant Protection
Section	01 57 60	Project Signs
Section	02 41 19	Selective Structure Demolition
Section	03 30 00	Cast-In-Place Concrete
Section	03 60 00	Post Installed Anchors
Section	04 20 00	Unit Masonry
Section	05 40 00	Cold-Formed Metal Framing
Section	05 50 00	Metal Fabrications
Section	06 10 00	Rough Carpentry
Section	06 16 00	Sheathing
Section	06 46 00	Wood Trim
Section	07 21 19	Foamed-In-Place Insulation
Section	07 24 13	Polymer-Based Exterior Insulation And Finish System (EIFS)
Section	07 27 15	Nonbituminous Self-Adhering Sheet Air Barriers
Section	07 62 00	Sheet Metal Flashing And Trim
Section	07 84 13	Penetration Firestopping
Section	07 84 46	Fire-Resistive Joint Systems
Section	07 92 00	Joint Sealants
Section	08 11 13	Hollow Metal Doors And Frames
Section	08 14 16	Flush Wood Doors
<del>Section</del>	<del>08 41 13</del>	<del>Aluminum Framed Entrances And Storefronts</del>
Section	08 71 00	Door Hardware
Section	08 80 00	Glazing
Section	08 88 13	Fire-Resistant Glazing
Section	08 91 19	Fixed Louvers
Section	09 21 16.23	Gypsum Board Shaft Wall Assemblies
Section	09 22 16	Non-Structural Metal Framing
Section	09 26 13	Gypsum Veneer Plastering
Section	09 29 00	Gypsum Board
Section	09 51 13	Acoustical Panel Ceilings
Section	09 65 13	Resilient Base And Accessories
Section	09 66 13	Portland Cement Terrazzo Flooring
Section	09 68 13	Tile Carpeting
Section	09 91 13	Exterior Painting
Section	09 91 23	Interior Painting
Section	10 44 13	Fire Protection Cabinets
Section	10 44 16	Fire Extinguishers
Section	23 05 00	Common Work Results For HVAC

Section	23 05 13	Common Motor Requirements For HVAC Equipment
Section	23 05 23	General-Duty Valves For HVAC Piping (2&smaller)
Section	23 05 29	Hangers And Supports For HVAC Piping And Equipment
Section	23 05 53	Identification For HVAC Piping And Equipment
Section	23 07 00	HVAC Insulation
Section	23 09 00	Instrumentation And Control For HVAC
Section	23 21 13	Hydronic Piping
Section	23 81 13	Packaged Terminal Air-Conditioners
Section	23 82 39	Unit Heaters

**B. BID CATEGORY NO. 02 - ALUMINUM ENTRANCES, STOREFRONTS & GLAZING**

General Requirements in Paragraph 3.02.B above.

Section	01 21 00	Allowances
<del>Section</del>	<del>07 84 13</del>	<del>Penetration Firestopping</del>
<del>Section</del>	<del>07 84 46</del>	<del>Fire-Resistive Joint Systems</del>
Section	07 92 00	Joint Sealants
Section	08 41 13	Aluminum-Framed Entrances And Storefronts
Section	08 71 00	Door Hardware
Section	08 80 00	Glazing
Section	08 88 13	Fire-Resistant Glazing

**C. BID CATEGORY NO. 03 - ELECTRICAL**

General Requirements in Paragraph 3.02.B above.

Section	01 21 00	Allowances
Section	01 51 10	Temporary Electricity, Lighting & Warning Systems
Section	07 84 13	Penetration Firestopping
Section	07 84 46	Fire-Resistive Joint Systems
Section	07 92 00	Joint Sealants
Section	26 05 00	Common Work Results For Electrical
Section	26 05 19	Low-Voltage Electrical Power Conductors And Cables
Section	26 05 26	Grounding And Bonding For Electrical Systems
Section	26 05 29	Hangers And Supports For Electrical Systems
Section	26 05 33	Raceways And Boxes For Electrical Systems
Section	26 05 44	Sleeves And Sleeve Seals For Electrical Raceways And Cabling
Section	26 05 53	Identification For Electrical Systems
Section	26 09 23	Lighting Control Devices
Section	26 24 16	Panelboards
Section	26 27 26	Wiring Devices
Section	26 29 13	Enclosed Enclosures

Section	26 43 13	Surge Protection For Low-Voltage Electrical Power Circuits
Section	26 51 00	Interior Lighting
Section	27 05 00	Common Work Results For Communications
Section	27 05 26	Grounding And Bonding For Communications Systems
Section	27 05 28	Pathways For Communications Systems
Section	28 31 00	Fire Detection And Alarm

END OF SECTION 01 12 00

Activity Name	Original Duration	Start	Finish	2026												2027											
				F	March	April	May	June	July	A	S	O	N	D	J	F	March	April	May	June	July	A	S	O	N	D	
<b>KPS Lakewood-Valley Center Secure Vestibule</b>	389	24-Feb-26	20-Aug-27	▲ 20-Aug-27, KPS Lakewood-Valley Center Secure Vestibule																							
<b>Administration</b>	389	24-Feb-26	20-Aug-27	▲ 20-Aug-27, Administration																							
Pre-Bid Meeting	1	24-Feb-26*	24-Feb-26	☒ Pre-Bid Meeting																							
Final Addenda	1	24-Feb-26	24-Feb-26	☒ Final Addenda																							
Bids Due	1	03-Mar-26	03-Mar-26	☒ Bids Due																							
KPS-TP-TSC Post-Bid Interviews	2	04-Mar-26	05-Mar-26	☒ KPS-TP-TSC Post-Bid Interviews																							
TSC Recommendation to Award Contracts	1	06-Mar-26	06-Mar-26	☒ TSC Recommendation to Award Contracts																							
KPS Board of Education to Award Contracts	1	19-Mar-26	19-Mar-26	☒ KPS Board of Education to Award Contracts																							
Notice to Proceed	1	20-Mar-26	20-Mar-26	☒ Notice to Proceed																							
Pre-Construction Meeting	1	02-Apr-26	02-Apr-26	☒ Pre-Construction Meeting																							
Submittals and Samples Due	1	22-May-26	22-May-26	☒ Submittals and Samples Due																							
KPS Last Day of School	1	05-Jun-26*	05-Jun-26	☒ KPS Last Day of School																							
50% BFS & BCC Inspections	5	13-Jul-26	17-Jul-26	☒ 50% BFS & BCC Inspections																							
<b>Pre-Installation Meetings</b>	0																										
<b>Closeout</b>	268	12-Aug-26	20-Aug-27	▲ 20-Aug-27, Closeout																							
Punch List Walkthrough (KPS-TP-TSC)	2	12-Aug-26	13-Aug-26	☒ Punch List Walkthrough (KPS-TP-TSC)																							
Punch List Corrections	7	14-Aug-26	24-Aug-26	☒ Punch List Corrections																							
Final Inspections (BFS-BCC)	3	14-Aug-26	18-Aug-26	☒ Final Inspections (BFS-BCC)																							
Substantial Completion	1	24-Aug-26	24-Aug-26	☒ Substantial Completion																							
Closeout Submittals Due	1	20-Aug-27*	20-Aug-27	☒ Closeout Submittals Due																							
<b>Construction</b>	57	08-Jun-26	25-Aug-26	▲ 25-Aug-26, Construction																							
Contractors Mobilize	5	08-Jun-26*	12-Jun-26	☒ Contractors Mobilize																							
Pre-Demo Photos & Documentation	5	08-Jun-26	12-Jun-26	☒ Pre-Demo Photos & Documentation																							
<b>Demolition</b>	18	15-Jun-26	08-Jul-26	▲ 08-Jul-26, Demolition																							
Temporary Enclosures/Protection	2	15-Jun-26	16-Jun-26	☒ Temporary Enclosures/Protection																							
Salvage Window Blinds	4	17-Jun-26	22-Jun-26	☒ Salvage Window Blinds																							
Salvage Ceiling Tile and Grid as Indicated	4	17-Jun-26	22-Jun-26	☒ Salvage Ceiling Tile and Grid as Indicated																							

 Actual Work  
 Remaining Work  
 Critical Remaining Work  
 Milestone  
 Summary

**224010.18 - KPS Lakewood-Valley Center Secure Vestibule**  
**Guideline Schedule - 24-Feb-26**  
 Page 1 of 3







# KPS Lakewood - Valley Center Secure Vestibule Project

