

# ADDENDUM NO. 04

**November 20, 2025**

**Pentwater Public Schools – Renovations & Improvements  
600 E. Park Street  
Pentwater, MI 49449**

**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 September 22, 2025, by C2AE. 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 4-1.

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

1. Refer to the attached updated Subcontractors and Products List.

**B. SPECIFICATION SECTION 01 12 00 MULTIPLE CONTRACT SUMMARY LIST**

**Paragraph 3.03 BID CATEGORIES**

**BID CATEGORY No. 01 – GENERAL TRADES**

Add the following Specification

Section 08 71 00 Door Hardware

Add the following Certification:

1. **Bid Category No. 01 General Trades** shall be responsible for all Wood Doors and Associated Hardware. **Bid Category No. 03 Aluminum Windows** shall be responsible for all Aluminum Doors, Storefront, Glazing, and Associated Door Hardware. Refer to the Door Hardware Schedule on Sheet No. 2A-601.

## **BID CATEGORY No. 03 – ALUMINUM WINDOWS**

Add the following Specification

Section 08 71 00 Door Hardware

Add the following Certification:

1. **Bid Category No. 01 General Trades** shall be responsible for all Wood Doors and Associated Hardware. **Bid Category No. 03 Aluminum Windows** shall be responsible for all Aluminum Doors, Storefront, Glazing, and Associated Door Hardware. Refer to the Door Hardware Schedule on Sheet No. 2A-601.

## **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 **two (2) working days (48 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**

<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>
01 21 00	Allowances			
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 30	Barricades			
01 55 00	Access Roads and Parking Areas			
01 56 20	Dust Control			
01 57 60	Project Signs			
01 72 00	Field Engineering			

<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>
01 25 00	Substitution Procedures			
02 41 00	Demolition			
03 10 00	Concrete Forming and Accessories			
03 20 00	Concrete Reinforcing			
03 30 00	Cast-In-Place Concrete			
03 54 00	Cast Underlayment			
04 20 00	Unit Masonry			
05 40 00	Cold-Formed Metal Framing			
06 10 00	Rough Carpentry			
06 40 23	Interior Architectural Woodwork			
07 84 00	Firestopping			
07 92 00	Joint Sealants			
08 11 13	Hollow Metal Doors and Frames			
08 14 16	Flush Wood Doors			
08 71 00	Door Hardware			
09 05 61	Common Work Results for Flooring Preparation			
09 22 16	Non-Structural Metal Framing			
09 29 00	Gypsum Board			
09 30 00	Hard Tiling			
09 51 00	Acoustical Ceilings			
09 65 00	Resilient Flooring			
09 65 13	Resilient Base and Accessories			
09 68 13	Tile Carpeting			

<u>Section</u>	<u>Description</u>	<u>Cost \$\$\$</u>	<u>Subcontractor</u>	<u>Manufacturer</u>
09 91 13	Exterior Painting			
09 91 23	Interior Painting			
10 26 00	Wall and Door Protection			
12 24 00	Window Shades			

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

**BID CATEGORY NO. 02 ROOFING**

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**

<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>
01 21 00	Allowances			
01 52 60	Rubbish Container			
01 53 10	Fences			
01 53 30	Barricades			
01 72 00	Field Engineering			
02 25 00	Substitution Procedures			
02 41 00	Demolition			
07 015 0.19	Preparation for Re- Roofing			
07 21 00	Thermal Insulation			
07 31 13	Asphalt Singles			
07 62 00	Sheet Metal Flashing and Trim			
07 92 00	Joint Sealants			

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



**BID CATEGORY NO. 03 ALUMIN WINDOWS**

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**

<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>
01 21 00	Allowances			
01 25 00	Substitution Procedures			
01 52 10	Construction Aids and Temporary Enclosures			
01 52 60	Rubbish Container			
01 72 00	Field Engineering			
02 41 00	Demolition			
05 50 00	Metal Fabrications			
05 75 00	Decorative Formed Metal			
07 84 00	Firestopping			
07 92 00	Joint Sealants			
08 43 13	Aluminum-Framed Storefronts			
08 51 13	Aluminum Windows			
08 71 00	Door Hardware			
08 80 00	Glazing			
08 87 23	Safety and Security Films			

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

## 1.04 MECHANICAL WORK SUBCONTRACTORS AND PRODUCTS LIST

BID CATEGORY NO. 04 MECHANICAL

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.

### MECHANICAL WORK

<u>Section</u>	<u>Description</u>	<u>Cost \$\$\$</u>	<u>Subcontractor</u>	<u>Manufacturer</u>
01 21 00	Allowances			
01 25 00	Substitution Procedures			
01 51 30	Temporary Heating, Ventilation and Cooling			
01 51 50	Temporary Water			
01 72 00	Field Engineering			
01 91 13	General Commissioning Requirements			
02 41 00	Demolition			
07 84 00	Firestopping			
07 92 00	Joint Sealants			
08 91 00	Louvers			
22 05 00	Common Work Results for Plumbing			
22 05 23	General-Duty Valves for Plumbing Piping			
22 13 16	Sanitary Waste and Vent Piping			

<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>
22 13 19	Sanitary Waste Piping Specialties			
22 13 19.13	Sanitary Drains			
23 01 30.52	Existing HVAC Air Distribution System Cleaning			
23 05 00	Common Work Results for HVAC			
23 05 23	General-Duty Valves for HVAC Piping			
23 05 29	Hangers and Supports for HVAC Piping and Equipment			
23 05 48.13	Vibration Controls for HVAC			
23 05 53	Identification for HVAC Piping and Equipment			
23 05 93	Testing, Adjusting, and Balancing for HVAC			
23 07 13	Duct Installation			
23 07 19	HVAC Piping Insulation			
23 08 00	Commissioning of HVAC			
23 09 23	Direct Digital Control (DDC) System for HVAC			
23 09 23.11	Control Valves			
23 09 23.12	Control Dampers			
23 09 23.16	Gas Instruments			
23 09 23.19	Moisture Instruments			
23 09 23.22	Position Instruments			

<u>Section</u>	<u>Description</u>	<u>Cost \$\$\$</u>	<u>Subcontractor</u>	<u>Manufacturer</u>
23 09 23.23	Pressure Instruments			
23 09 23.27	Temperature Instruments			
23 09 93.11	Sequence of Operations for HVAC DDC			
23 11 23	Facility Natural-Gas Piping			
23 21 13	Hydronic Piping			
23 21 16	Hydronic Piping Specialties			
23 21 23	Hydronic Pumps			
23 23 00	Refrigerant Piping			
23 25 13	Water Treatment for Closed-Loop Hydronic Systems			
23 31 13	Metal Ducts			
23 33 00	Air Duct Accessories			
23 37 13.13	Air Diffusers			
23 37 13.23	Registers and Grilles			
23 37 23	HVAC Gravity Ventilators			
23 62 00	Packaged Compressor and Condenser Units			
23 72 23.29	Packaged, Outdoor, Fixed Plated Energy Recovery Units			
23 73 13.13	Indoor, Basic Air-Handling Units			
23 74 16.13	Packaged, Large-Capacity, Rooftop Air-Conditioning Units			
23 74 23.16	Packaged, Indirect-Fired, Outdoor,			

<u>Section</u>	<u>Description</u>	<u>Cost \$\$\$</u>	<u>Subcontractor</u>	<u>Manufacturer</u>
	Heating-Only Makeup-Air Units			
23 82 19	Fan Coil Units			
23 82 23	Unit Ventilators			
23 82 33	Convectors			
23 82 36	Finned-Tube- Radiation Heaters			
23 82 39.13	Cabinet Unit Heaters			
23 82 39.16	Propeller Unit Heaters			

Plumbing Fixtures:

Manufacturer:

a) \_\_\_\_\_

\_\_\_\_\_

b) \_\_\_\_\_

\_\_\_\_\_

c) \_\_\_\_\_

\_\_\_\_\_

d) \_\_\_\_\_

\_\_\_\_\_

e) \_\_\_\_\_

\_\_\_\_\_

f) \_\_\_\_\_

\_\_\_\_\_

g) \_\_\_\_\_

\_\_\_\_\_

h) \_\_\_\_\_

\_\_\_\_\_

i) \_\_\_\_\_

\_\_\_\_\_

j) \_\_\_\_\_

\_\_\_\_\_

k) \_\_\_\_\_

\_\_\_\_\_

l) \_\_\_\_\_

\_\_\_\_\_

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

## 1.05 ELECTRICAL WORK SUBCONTRACTORS AND PRODUCTS LIST

BID CATEGORY NO. 05 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 25 00	Substitution Procedures			
01 51 10	Temporary Electricity, Lighting and Warning			
01 72 00	Field Engineering			
02 41 00	Demolition			
07 84 00	Firestopping			
07 92 00	Joint Sealants			
26 00 00	General Electrical Requirements			
26 00 02	Equipment Wiring			
26 00 13	Area Lighting Electrical Requirements			
26 05 19	Low-Voltage Electrical Power Conductors and Cables			



26 05 26	Grounding and Bonding for Electrical Systems			
26 0529	Hangers and Supports for Electrical Systems			
26 05 33.13	Conduits for Electrical Systems			
26 05 33.16	Boxes and Covers 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 27 26	Wiring Devices			
26 28 16	Enclosed Switches and Circuit Breakers			
26 51 19	LED Interior Lighting			
26 56 13	Lighting Poles and Standards			
26 56 19	LED Exterior Lighting			
28 46 21.11	Addressable Fire-Alarm Systems			

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. The Construction Manager 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 **134** calendar days after receipt of bids.
  2. Construction shall be complete within **382** 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 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 23 00 | Alternates                       |
| Section | 01 25 00 | 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 45 10	Testing Laboratory Services (Paragraph 1.05)
Section	01 50 50	Temporary Facilities and Controls
Section	01 54 60	Environment Protection
Section	01 54 80	Utility Protection
Section	01 56 30	Water Control
Section	01 56 90	Housekeeping & Safety
Section	01 59 20	Offices and Sheds
Section	01 60 00	Product Requirements
Section	01 72 50	Work Layout
Section	01 73 10	Cutting and Patching
Section	01 77 00	Contract Closeout
Section	01 91 13	General Commissioning Requirements

All Contractors shall provide their Superintendents with radios capable of handling multiple channels and compatible with radios used by the Construction Manager.

**Autodesk Build** is replacing **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 and Warning Systems
Section	01 51 30	Temporary Heating, Ventilation and Cooling
Section	01 51 50	Temporary Water
Section	01 51 60	Temporary Sanitary Facilities
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 10	Fences (Temporary Security)
Section	01 53 30	Barricades
Section	01 55 00	Access Roads and Parking Areas
Section	01 56 20	Dust Control
Section	01 57 60	Project Signs
Section	01 72 00	Field Engineering

### 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 25 00	Substitution Procedures Section
Section	01 51 60	Temporary Sanitary Facilities
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 10	Fences (Temporary Security)
Section	01 53 30	Barricades
Section	01 55 00	Access Roads and Parking Areas
Section	01 56 20	Dust Control
Section	01 57 60	Project Signs
Section	01 72 00	Field Engineering
Section	02 41 00	Demolition
Section	03 10 00	Concrete Forming and Accessories
Section	03 20 00	Concrete Reinforcing
Section	03 30 00	Cast-In-Place Concrete
Section	03 54 00	Cast Underlayment
Section	04 20 00	Unit Masonry
Section	05 40 00	Cold-Formed Metal Framing
Section	06 10 00	Rough Carpentry
Section	06 40 23	Interior Architectural Woodwork
Section	07 84 00	Firestopping
Section	07 92 00	Joint Sealants
Section	08 11 13	Hollow Metal Doors and Frames
Section	08 14 16	Flush Wood Doors
Section	08 71 00	Door Hardware
Section	09 05 61	Common Work Results for Flooring Preparation
Section	09 22 16	Non-Structural Metal Framing
Section	09 29 00	Gypsum Board
Section	09 30 00	Hard Tiling
Section	09 51 00	Acoustical Ceilings
Section	09 65 00	Resilient Flooring
Section	09 65 13	Resilient Base and Accessories
Section	09 68 13	Tile Carpeting
Section	09 91 13	Exterior Painting
Section	09 91 23	Interior Painting
Section	10 26 00	Wall and Door Protection
Section	12 24 00	Window Shades

**B. BID CATEGORY NO. 02 – ROOFING**

General Requirements in Paragraph 3.02.B above.

Section	01 21 00	Allowances
Section	01 52 60	Rubbish Container
Section	01 53 10	Fences
Section	01 53 30	Barricades
Section	01 72 00	Field Engineering
Section	02 25 00	Substitution Procedures
Section	02 41 00	Demolition
Section	07 015 0.19	Preparation for Re-Roofing
Section	07 21 00	Thermal Insulation
Section	07 31 13	Asphalt Singles
Section	07 62 00	Sheet Metal Flashing and Trim
Section	07 92 00	Joint Sealants

**C. BID CATEGORY NO. 03 – ALUMIN WINDOWS**

General Requirements in Paragraph 3.02.B above.

Section	01 21 00	Allowances
Section	01 25 00	Substitution Procedures
Section	01 52 10	Construction Aids and Temporary Enclosures
Section	01 52 60	Rubbish Container
Section	01 72 00	Field Engineering
Section	02 41 00	Demolition
Section	05 50 00	Metal Fabrications
Section	05 75 00	Decorative Formed Metal
Section	07 84 00	Firestopping
Section	07 92 00	Joint Sealants
Section	08 43 13	Aluminum-Framed Storefronts
Section	08 51 13	Aluminum Windows
Section	08 71 00	Door Hardware
Section	08 80 00	Glazing
Section	08 87 23	Safety and Security Films

**D. BID CATEGORY NO. 04 - MECHANICAL**

General Requirements in Paragraph 3.02.B above.

Section	01 21 00	Allowances
Section	01 25 00	Substitution Procedures
Section	01 51 30	Temporary Heating, Ventilation and Cooling
Section	01 51 50	Temporary Water
Section	01 72 00	Field Engineering
Section	01 91 13	General Commissioning Requirements
Section	02 41 00	Demolition
Section	08 91 00	Louvers
Section	07 84 00	Firestopping
Section	07 92 00	Joint Sealants
Section	22 05 00	Common Work Results for Plumbing

Section	22 05 23	General-Duty Valves for Plumbing Piping
Section	22 13 16	Sanitary Waste and Vent Piping
Section	22 13 19	Sanitary Waste Piping Specialties
Section	22 13 19.13	Sanitary Drains
Section	23 01 30.52	Existing HVAC Air Distribution System Cleaning
Section	23 05 00	Common Work Results for HVAC
Section	23 05 23	General-Duty Valves for HVAC Piping
Section	23 05 29	Hangers and Supports for HVAC Piping and Equipment
Section	23 05 48.13	Vibration Controls for HVAC
Section	23 05 53	Identification for HVAC Piping and Equipment
Section	23 05 93	Testing, Adjusting, and Balancing for HVAC
Section	23 07 13	Duct Installation
Section	23 07 19	HVAC Piping Insulation
Section	23 08 00	Commissioning of HVAC
Section	23 09 23	Direct Digital Control (DDC) System for HVAC
Section	23 09 23.11	Control Valves
Section	23 09 23.12	Control Dampers
Section	23 09 23.16	Gas Instruments
Section	23 09 23.19	Moisture Instruments
Section	23 09 23.22	Position Instruments
Section	23 09 23.23	Pressure Instruments
Section	23 09 23.27	Temperature Instruments
Section	23 09 93.11	Sequence of Operations for HVAC DDC
Section	23 11 23	Facility Natural-Gas Piping
Section	23 21 13	Hydronic Piping
Section	23 21 16	Hydronic Piping Specialties
Section	23 21 23	Hydronic Pumps
Section	23 23 00	Refrigerant Piping
Section	23 25 13	Water Treatment for Closed-Loop Hydronic Systems
Section	23 31 13	Metal Ducts
Section	23 33 00	Air Duct Accessories
Section	23 37 13.13	Air Diffusers
Section	23 37 13.23	Registers and Grilles
Section	23 37 23	HVAC Gravity Ventilators
Section	23 62 00	Packaged Compressor and Condenser Units
Section	23 72 23.29	Packaged, Outdoor, Fixed Plated Energy Recovery Units
Section	23 73 13.13	Indoor, Basic Air-Handling Units
Section	23 74 16.13	Packaged, Large-Capacity, Rooftop Air-Conditioning Units
Section	23 74 23.16	Packaged, Indirect-Fired, Outdoor, Heating-Only Makeup-Air Units
Section	23 82 19	Fan Coil Units
Section	23 82 23	Unit Ventilators
Section	23 82 33	Convectors

Section	23 82 36	Finned-Tube-Radiation Heaters
Section	23 82 39.13	Cabinet Unit Heaters
Section	23 82 39.16	Propeller Unit Heaters

E. BID CATEGORY NO. 05 - ELECTRICAL

General requirements in Paragraph 3.02.B above.

Section	01 21 00	Allowances
Section	01 25 00	Substitution Procedures
Section	01 51 10	Temporary Electricity, Lighting and Warning Systems
Section	01 72 00	Field Engineering
Section	02 41 00	Demolition
Section	07 84 00	Firestopping
Section	07 92 00	Joint Sealants
Section	26 00 00	General Electrical Requirements
Section	26 00 02	Equipment Wiring
Section	26 00 13	Area Lighting Electrical Requirements
Section	26 05 19	Low-Voltage Electrical Power Conductors and Cables
Section	26 05 26	Grounding and Bonding for Electrical Systems
Section	26 0529	Hangers and Supports for Electrical Systems
Section	26 05 33.13	Conduits for Electrical Systems
Section	26 05 33.16	Boxes and Covers 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 27 26	Wiring Devices
Section	26 28 16	Enclosed Switches and Circuit Breakers
Section	26 51 19	LED Interior Lighting
Section	26 56 13	Lighting Poles and Standards
Section	26 56 19	LED Exterior Lighting
Section	28 46 21.11	Addressable Fire-Alarm Systems

END OF SECTION 01 12 00