

BID INVITE

INVITE DETAILS

PROJECT: Waukazoo Elementary Improvements & Sheldon Woods Elementary Electrical Improvements

OWNER: West Ottawa Public Schools

A&E FIRM: GMB Architecture + Engineering

BIDS DUE: October 21, 2025 at 10:00 A.M.

PRE-BID WALK THRU: October 8, 2025 @ 4:15 P.M.

CONTACT: Fritz Wahlfield III, Ph: (616) 784.5833, Email f3@wahlfieldconstruction.com

PROJECT DETAILS

PROJECT LOCATION: 1294 W Lakewood Blvd., Holland, MI 49424

PROJECT DESCRIPTION: Improvements to existing elementary building at Waukazoo Elementary and electrical improvements at Sheldon Woods Elementary.

PROJECT SCHEDULE: December 20, 2025 (Christmas Break) - August 7, 2026

BID TRADES: Sitework, Concrete, Masonry, Metals, General Trades, Metal Roofing/Metal Panel Systems, Membrane Roofing, Aluminum Storefronts/Glazing, LPDA, Flooring, Painting, Fire Protection, Mechanical, Electrical

INVITE RESPONSE

(Please fill out and return by Email: f3@wahlfieldconstruction.com; amanda@wahlfieldconstruction.com)

Company

Contact Name

Phone

Email

Please check one. () We will be submitting a bid for this project.

() We will not be submitting a bid for this project.

00 11 13 ADVERTISEMENT FOR BIDS

BID PROPOSAL

Sealed bids, in triplicate, for West Ottawa Public Schools, *Waukazoo Elementary Improvements & Sheldon Woods Elementary Electrical Improvements*, will be received at West Ottawa Public Schools Administration Office, 1138 136th Ave., Holland, MI 49424 on **October 21, 2025 at 10:00 A.M.** Any bids received after this date and time will not be accepted or considered. All bids will be opened and read publicly. FAXED OR EMAILED BIDS WILL NOT BE ACCEPTED.

This project is not a prevailing wage project.

All bids must be accompanied by the following;

1. 5% Bid Bond/ Security
2. Sworn and Notarized Familial Disclosure
3. Iran Disclosure Act

SITE INSPECTION

A Pre-bid meeting will be **Wednesday, October 8 @ 4:15 P.M.** This meeting will take place at Waukazoo Elementary School located at 1294 W Lakewood Blvd, Holland, MI 49424. This pre-bid walk thru is highly recommended. There will be no other time available to view the site.

BID DOCUMENTS

Bidding documents may be viewed and/or requested via the following:

GMB Architecture + Engineering
85 East Eighth St., Suite 200
Holland, MI 49423
Ph: (616) 796-0200

West Michigan Builders Exchange
678 Front St. NW,
Grand Rapids, MI 49504
(616) 949-8650

Please note that vendors are responsible to review information on all drawings and specifications.

BIDDER QUALIFICATIONS

Bidders submitting a proposal for this project shall have the following qualifications:

1. At least (10) years' experience under the current company's name.
2. Licensed and insured to perform work in the State of Michigan.
3. Shall have financial resources to complete work under this scope

BID SECURITY

All bids are required to have a bid security or bid bond in the amount of 5% of the bid being submitted. This shall secure the Owner from loss or damage by reason in the occurrence a bid is withdrawn or failure of the successful bidder not entering into Contract with the Owner if the Bid is accepted by the Owner.

The Successful bidder will be asked to secure a Performance, Labor, and Material bond for all work under contract. Please keep this cost separate on the bid form provided. All bonds shall be from a surety company with an 'A' rating.

00 41 00 BID FORM

SUBMIT IN TRIPLICATE

BID TO: West Ottawa Public Schools
1138 136th Ave.
Holland, MI 49424

ATTENTION: Mr. Chris LaHaie, Assistant Superintendent of Business Services

BID FROM: _____

PROJECT: *Waukazoo Elementary Improvements & Sheldon Woods Elementary Electrical Improvements*

The undersigned has familiarized themselves with the local conditions with the cost of the work by having examined the site conditions, and Bidding Documents prepared by GMB Architecture & Engineering (85 East Eighth St. (Suite 200), Holland, MI 49423), and hereby proposes to furnish all labor, materials, taxes, equipment, and services needed for the completion of the work category submitted. All Addendums that have been issued for this project have been recognized and included. The cost for performing work is:

Bid Category Number: _____

Bid Category Description: _____

Base Bid Amount: _____ Dollars
(\$ _____)

ALLOWANCES: Base Bid includes all allowance cost(s) set forth in Section 01.2100 of the General Requirements and identified in the Instruction to Bidders.

TAXES: Base Bid includes all applicable taxes, including Michigan Sales Tax.

COST OF BONDS: Bond Cost for Performance, Labor, and Material Bond Cost. This cost must be included in the Base Bid. Please list the cost of the bond below.

Waukazoo Elementary Improvements & Sheldon Woods Elementary Electrical Improvements:

PLM Bond Amount _____ Dollars
(\$ _____)

ACKNOWLEDGEMENT OF ADDENDA

The following addenda have been received and acknowledged with their execution is included in the base bid cost:

Addendum No. _____ Dated _____ Addendum No. _____ Dated _____

Addendum No. _____ Dated _____ Addendum No. _____ Dated _____

ALTERNATES (MANDATORY TO PROVIDE PRICING AS NEEDED WITH BASE BID)

The following alternates are an add to the Base Bid Cost.

Alternate No. A-1: Waukazoo Elementary

1. Provide all costs associated with replacing the small group room accordion doors, as indicated on plan, with high performing acoustic accordion doors.

Cost: Add/ Delete \$ _____

VOLUNTARY ALTERNATES

The following is a list of Voluntary Alternates. The owner reserves the right to accept or reject and voluntary alternates.

1. _____

Cost: Add/ Delete \$ _____

2. _____

Cost: Add/ Delete \$ _____

UNIT PRICE

1. Unit Price No. 1: NA

BID BOND

Accompanying this bid as required by the instructions to Bidders, is a bid security if the form of (Certified Check, Cashier's Check, or Bid Bond) in the amount of:

Bid Bond Amount _____ Dollars

(\$ _____)

CONSTRUCTION SCHEDULE

The undersigned acknowledges the construction schedule set in the bid documents and that they must be met.

ADDITIONAL WORK

1. There will be a fee of 10% applied to the total cost of materials purchased and work completed by a contractor's own forces. This includes both overhead and profit.
2. There will be a fee of 5% applied to the total cost of work completed by a subcontractor. This includes both overhead and profit.

CREDIT FOR WORK DELETED FROM CONTRACT

All work deleted from this contract by the Owner should be credited 100% back to the Owner.



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AGREEMENT

In submitting this bid, it is understood that the Owner reserves the right to accept or reject any/all bids for any reason. This bid is valid 60 days from the date of the opening.

Firm: _____

Date: _____

By: _____

Signature: _____

Title: _____

Phone: (_____) _____

Email: _____

CONTACT INFORMATION

Please list contact information for the person(s) that should receive communication regarding THIS submitted bid, including Post-Bid Invites. (If Additional contacts should also receive communication, please attach a separate sheet listing a Name, Title, Email and Phone Number for each contact)

Name: _____

Title: _____

Email: _____

Phone: (_____) _____

FAMILIAL DISCLOSURE STATEMENT

In accordance with Section 1267 of the Revised School Code this bid must be accompanied by a sworn and notarized statement disclosing the familial relationship between the Owner or any employee of the Bidder and any member of West Ottawa Public Schools Board of Education or Superintendent of West Ottawa Public Schools.

() No, there is no relationship between the Owner or any employee of the Bidder and any member of West Ottawa Public Schools Board of Education or Superintendent of West Ottawa Public Schools.

() Yes, there is a relationship between the Owner or any employee of the Bidder and any member of West Ottawa Public Schools Board of Education or Superintendent of West Ottawa Public Schools. Please list the relationship below.

BIDDER

BOARD OF EDUCATION MEMBER OR SUPERINTENDENT

Subscribed and sworn this _____ day of _____, 2025.

In the County of _____ In the State of _____.

By _____
Notary Public Signature

My Commission Expires on: _____ Seal or Stamp:

AFFIDAVIT OF COMPLIANCE IRAN ECONOMICS SANCTIONS ACT

Michigan Public Act No. 517 of 2012

The undersigned, the owner, or authorized officer of the below-named company (the "Contractor"), pursuant to the compliance certification requirement provided in West Ottawa Public Schools Request for Proposal (the "RFP"), hereby certifies, represents, and warrants that the Contractor (which includes its officers, directors and employees) is not an "Iran Linked Business" within the meaning of the Iran Economic Sanctions Act, Michigan Public Act No. 517 of 2012 (the "Act"), and that in the event the Contractor is awarded a contract by the West Ottawa Public Schools as a result of the aforementioned RFP, the Contractor is not and will not become an "Iran Linked Business" at any time during the course of performing any services under the Contract.

The Contractor further acknowledges that any person who is found to have submitted a false certification is responsible for a civil penalty of not more than \$250,000.00 or two (2) times the amount of the contract or proposed contract for which the false certification was made, whichever is greater, the cost of the School Districts investigation, and reasonable attorney fees, in addition to the fine. Moreover, any person who submitted a false certification shall be ineligible to bid on a request for proposal for three (3) years from the date that it is determined that the person has submitted the false certification.

Contractor: _____

By: _____ Title: _____

Date: _____

This instrument was acknowledged before me on the _____ day of _____, 2025

In the County of _____ In the State of _____.

By _____
Notary Public Signature

My Commission Expires on: _____ Seal or Stamp:

REQUEST FOR INFORMATION (RFI) DURING BIDDING PHASE

Requests For Information (RFI's) will ONLY be accepted through a completed RFI form provided on page 9 in the front ends of this project.

Pre-Bid RFI's deadline to submit: **OCTOBER 10, 2025 BY 4:00 P.M.**

Please email the completed RFI form to both:

amanda@wahlfieldconstruction.com

f3@wahlfieldconstruction.com

The CM will review the RFI before submitting to the AE firm.

Any questions not submitted following this process prior to the deadline will not be answered.

REQUEST FOR INFORMATION (RFI) FORM

Project: *Waukazoo Elementary Improvements*
Sheldon Woods Elementary Electrical Improvements

Date: _____

Deadline: **OCTOBER 10, 2025 BY 4:00 P.M.**

Action Requested:

Attn: Fritz Wahlfield III, Fritz Wahlfield Construction (CM)

_____ Clarification

_____ Direction

_____ Approval

_____ Alternate

_____ Other

Company: _____

Contact: _____

Email: _____

Phone No: _____

Reference Drawing No: _____ **Detail No:** _____ **Spec. Section:** _____

Request Information:

RFI #: _____

CM Recommendation:

By: _____ **Date:** _____

AE Recommendation:

By: _____ **Date:** _____

BID CATEGORIES INDEX

1. Sitework
2. Concrete
3. Masonry
4. Metals
5. General Trades
6. Metal Roofing/Metal Panel Systems
7. Membrane Roofing
8. Aluminum Storefronts/Glazing
9. LPDA
10. Flooring
11. Painting
12. Fire Protection
13. Mechanical
14. Electrical

BID CATEGORY NO. 01 - SITEWORK

INCLUDE:

1. Complete Sitework and related work as shown on the drawings and as specified in the following sections:

SPECIFICATION MANUAL AND FRONT ENDS

00.0101	PROJECT TITLE PAGE
00.0110	TABLE OF CONTENTS
00.0115	LIST OF DRAWING SHEETS
00.4323	ALTERNATES FORM
00.1113	ADVERTISEMENT FOR BIDS
00.4100	BID FORM
00.4323	ALTERNATES FORM
01.0000	GENERAL REQUIREMENTS
01.0001	ELECTRONIC MODEL/DRAWING FILE EXCHANGE AGREEMENT
01.1000.0	SUMMARY
01.1000.1	ABBREVIATIONS
01.1010.1	WORK COVERED BY CONTRACT DOCUMENTS
01.1010.2	SCHEDULING
01.1010.3	CONTRACTOR USE OF PREMISES
01.1010.4	SUBSTANTIAL COMPLETION
01.2200	UNIT PRICES
01.2300	ALTERNATES
01.3000	ADMINISTRATIVE REQUIREMENTS
01.3000.1	SUBMITTALS
01.3113	INSURANCE REQUIREMENTS
01.4000	QUALITY REQUIREMENTS
01.4100	REGULATORY REQUIREMENTS
01.4533	CODE-REQUIRED SPECIAL INSPECTIONS
01.5000	TEMPORARY FACILITIES AND CONTROLS
01.5100	TEMPORARY UTILITIES
01.5713	TEMPORARY EROSION AND SEDIMENT CONTROL
01.6116	VOLATILE ORGANIC COMPOUND (VOC) CONTENT RESTRICTIONS
01.7329	CUTTING AND PATCHING
01.7700	CLOSEOUT SUBMITTALS
01.9113	GENERAL COMMISSIONING REQUIREMENTS
01.9114	COMMISSIONING AUTHORITY RESPONSIBILITIES
02.4119	DEMOLITION
32.9219	SEEDING

2. **CONSTRUCTION DRAWINGS:** CONTRACTOR IS RESPONSIBLE FOR REVIEWING ALL CONSTRUCTION DRAWING PAGES AND BECOMING FAMILIAR WITH THE COMPLETE SET TO SATISFY THE SCOPE OF WORK RELATED TO THE BID CATEGORY.
 - a. DRAWING INDEX CAN BE FOUND ON TITLE PAGE.



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3. All Excavating and Earthwork as shown on pages C0.01, C2.01, and C8.10.
4. Compacting any imported soils as required to meet compaction requirements of soils for future footings, foundations, slab on grade, and/or backfill material.
5. Responsibility of the contractor to contact Miss Dig at least 36 hours prior to start of work.
6. The CM will provide a one time staking of grades, building footprint, and misc. locations.
 - a. Additional staking will be at the cost of the contractor.
7. Furnish and Install as shown:
 - a. Site demolition and site clearing as shown on C2.01
 - b. Lift Pump Station Work as shown on C2.01 and C8.10
 - i. Furnish and Install Pumps and Hatches as shown.
 - c. Seeding as shown on C2.01.
8. Concrete or asphalt cutting to complete work in this scope.
9. Any dewatering necessary to complete this scope of work.
10. Dust control measures for all work in this Bid Category.
11. Daily clean-up at work areas.
12. Contractor to meet Project Schedule, this includes weekend work or daily overtime.
 - a. Project Manager/Project Foreman required to attend the following meetings:
 - i. Pre-Construction Kick Off
 - ii. Bi-Weekly Progress Meeting
 - iii. Any meetings required by the Local Ordinance, Architect, and/ or Civil Engineer
13. All work must be done in accordance with MIOSHA Regulations.
14. Warranties as specified.
15. Submit shop drawings to scale so they can be accurately commented on/coordinated with other trades.
16. When shop drawings are returned from the Architect to Contractor marked "Rejected" or "Revise and Resubmit", contractor shall reissue the second time with the revisions clouded.

INCLUDE:

1. Complete Concrete and related work as shown on the drawings and as specified in the following sections:

SPECIFICATION MANUAL AND FRONT ENDS

00.0101	PROJECT TITLE PAGE
00.0110	TABLE OF CONTENTS
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00.4323	ALTERNATES FORM
01.0000	GENERAL REQUIREMENTS
01.0001	ELECTRONIC MODEL/DRAWING FILE EXCHANGE AGREEMENT
01.1000.0	SUMMARY
01.1000.1	ABBREVIATIONS
01.1010.1	WORK COVERED BY CONTRACT DOCUMENTS
01.1010.2	SCHEDULING
01.1010.3	CONTRACTOR USE OF PREMISES
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01.3000	ADMINISTRATIVE REQUIREMENTS
01.3000.1	SUBMITTALS
01.3113	INSURANCE REQUIREMENTS
01.4000	QUALITY REQUIREMENTS
01.4100	REGULATORY REQUIREMENTS
01.4533	CODE-REQUIRED SPECIAL INSPECTIONS
01.5000	TEMPORARY FACILITIES AND CONTROLS
01.5100	TEMPORARY UTILITIES
01.5713	TEMPORARY EROSION AND SEDIMENT CONTROL
01.6116	VOLATILE ORGANIC COMPOUND (VOC) CONTENT RESTRICTIONS
01.7329	CUTTING AND PATCHING
01.7700	CLOSEOUT SUBMITTALS
01.9113	GENERAL COMMISSIONING REQUIREMENTS
01.9114	COMMISSIONING AUTHORITY RESPONSIBILITIES
02.4119	DEMOLITION
03.3511	CONCRETE FLOOR FINISHES
07.2100	THERMAL INSULATION
07.9200	JOINT SEALANTS

2. **CONSTRUCTION DRAWINGS:** CONTRACTOR IS RESPONSIBLE FOR REVIEWING ALL CONSTRUCTION DRAWING PAGES AND BECOMING FAMILIAR WITH THE COMPLETE SET TO SATISFY THE SCOPE OF WORK RELATED TO THE BID CATEGORY.



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- a. DRAWING INDEX CAN BE FOUND ON TITLE PAGE.
3. Furnish and Install all reinforcement as shown.
4. Provide Sealer and Vapor Barrier as specified.
5. Furnish and install all interior & exterior concrete MEP pads as shown.
 - a. Furnish and Install Bollards with Sleeves as shown.
6. Furnish and Install Interior Slab on Grade infills as shown on Pages A1.1A and A1.1B.
 - a. Finish new concrete for new finishes.
 - b. Install control joints as needed.
7. Furnish and install joint sealants at all new exterior concrete paving as shown and specified.
8. Dust control measures for all work in this Bid Category.
9. Daily clean-up at work areas.
10. Contractor to meet Project Schedule, this includes weekend work or daily overtime.
 - a. Project Manager/Project Foreman required to attend the following meetings:
 - i. Pre-Construction Kick Off
 - ii. Bi-Weekly Progress Meeting
 - iii. Any meetings required by the Local Ordinance, Architect, and/ or Civil Engineer
11. All work must be done in accordance with MIOSHA Regulations.
12. Warranties as specified.
13. Submit shop drawings to scale so they can be accurately commented on/coordinated with other trades.
14. When shop drawings are returned from the Architect to Contractor marked "Rejected" or "Revise and Resubmit", contractor shall reissue the second time with the revisions clouded.

BID CATEGORY NO. 03 - MASONRY

INCLUDE:

1. Complete Masonry and related work as shown on the drawings and as specified in the following sections:

SPECIFICATION MANUAL AND FRONT ENDS

00.0101	PROJECT TITLE PAGE
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01.0001	ELECTRONIC MODEL/DRAWING FILE EXCHANGE AGREEMENT
01.1000.0	SUMMARY
01.1000.1	ABBREVIATIONS
01.1010.1	WORK COVERED BY CONTRACT DOCUMENTS
01.1010.2	SCHEDULING
01.1010.3	CONTRACTOR USE OF PREMISES
01.1010.4	SUBSTANTIAL COMPLETION
01.2200	UNIT PRICES
01.2300	ALTERNATES
01.3000	ADMINISTRATIVE REQUIREMENTS
01.3000.1	SUBMITTALS
01.3113	INSURANCE REQUIREMENTS
01.4000	QUALITY REQUIREMENTS
01.4100	REGULATORY REQUIREMENTS
01.4533	CODE-REQUIRED SPECIAL INSPECTIONS
01.5000	TEMPORARY FACILITIES AND CONTROLS
01.5100	TEMPORARY UTILITIES
01.5713	TEMPORARY EROSION AND SEDIMENT CONTROL
01.6116	VOLATILE ORGANIC COMPOUND (VOC) CONTENT RESTRICTIONS
01.7329	CUTTING AND PATCHING
01.7700	CLOSEOUT SUBMITTALS
01.9113	GENERAL COMMISSIONING REQUIREMENTS
01.9114	COMMISSIONING AUTHORITY RESPONSIBILITIES
02.4119	DEMOLITION
04.0511	MASONRY MORTARING AND GROUTING
04.2000	UNIT MASONRY
07.2100	THERMAL INSULATION
07.2500	WEATHER BARRIERS
07.9200	JOINT SEALANTS

2. **CONSTRUCTION DRAWINGS:** CONTRACTOR IS RESPONSIBLE FOR REVIEWING ALL CONSTRUCTION DRAWING PAGES AND BECOMING FAMILIAR WITH THE COMPLETE SET TO SATISFY THE SCOPE OF WORK RELATED TO THE BID CATEGORY.
 - a. DRAWING INDEX CAN BE FOUND ON TITLE PAGE.
3. All masonry reinforcement, grout fill, loose fill or cavity wall insulation, etc., as shown and/or specified.
4. Grouting solid of new hollow metal frames in masonry.
5. Clean all new masonry.
6. Furnish and Install complete Masonry as shown and specified.
7. Furnish and Install all reinforcement as shown.
8. Demo and tooth in openings called out on Note 1 on pages A1.1A, A1.1B, A1.1C.
 - a. Furnish and Install CMU and Brick at new openings as shown.
 - b. Install Lintel as shown. Furnished by others.
 - c. Masonry Demo and Tooth-In as shown at Clerestory on page A1.1B
9. Cut in Joist Pockets as shown on S3.1A and S3.1B.
10. Masonry Tooth In at interior window opening in RM A113 for window B201.
11. Furnish and Install Masonry Chases in rooms A116, A119, A127, A130, A131, A134, B117, B142, C131, C137, C162, and C167.
12. Masonry infill at Rm B120 as shown.
13. Masonry infill at bottom of windows as shown on A2.1A.
14. All new masonry units need to be rubbed of debris and/or mortar and ready for paint.
15. Furnish and Install all necessary flashing as shown.
 - a. Masonry membrane flashing as shown.
16. Flashing and weep holes concealed in masonry work. Includes pre-finished flashings.
17. Cavity wall insulation, this includes all spray insulation at all new exterior walls.
18. Joint Sealants at all CMU wall CJs.
19. Fire safe-ing, fire resistant caulking, sound attenuation blankets and acoustical sealants being an integral part of the all system, where shown. Include fire safe-ing at existing masonry walls where shown. See code compliance plans for locations.
20. Install lintels as provided for new openings.
21. Provided rebar caps for all exposed rebar ends installed by this contractor.
22. This contractor is responsible for the disposal of excess masonry and masonry related items. I.e., rubble, cut blocks, mortar, etc., into concrete dumpster. Coordinate this with Construction Manager. It is the responsibility of this contractor to provide its own dumpsters as necessary.
23. All work must be done in accordance to the new Silica Regulations.
24. Furnish and install masonry toothing as required for all new openings as shown. Openings may include, but not limited to: doors, windows, louvers, chases and masonry openings for new MEP work.
25. Installation of anchor bolts at top of wall for wood blocking.
26. Dust control measures for all work in this Bid Category.
27. Daily clean-up at work areas.
28. Contractor to meet Project Schedule, this includes weekend work or daily overtime.
 - a. Project Manager/Project Foreman required to attend the following meetings:
 - i. Pre-Construction Kick Off
 - ii. Bi-Weekly Progress Meeting

- iii. Any meetings required by the Local Ordinance, Architect, and/ or Civil Engineer
- 29. All work must be done in accordance with MIOSHA Regulations.
- 30. Warranties as specified.
- 31. Submit shop drawings to scale so they can be accurately commented on/coordinated with other trades.
- 32. When shop drawings are returned from the Architect to Contractor marked "Rejected" or "Revise and Resubmit", contractor shall reissue the second time with the revisions clouded.

BID CATEGORY NO. 04 - METALS

INCLUDE:

1. Complete Metals and related work as shown on the drawings and as specified in the following sections:

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01.0001	ELECTRONIC MODEL/DRAWING FILE EXCHANGE AGREEMENT
01.1000.0	SUMMARY
01.1000.1	ABBREVIATIONS
01.1010.1	WORK COVERED BY CONTRACT DOCUMENTS
01.1010.2	SCHEDULING
01.1010.3	CONTRACTOR USE OF PREMISES
01.1010.4	SUBSTANTIAL COMPLETION
01.2200	UNIT PRICES
01.2300	ALTERNATES
01.3000	ADMINISTRATIVE REQUIREMENTS
01.3000.1	SUBMITTALS
01.3113	INSURANCE REQUIREMENTS
01.4000	QUALITY REQUIREMENTS
01.4100	REGULATORY REQUIREMENTS
01.4533	CODE-REQUIRED SPECIAL INSPECTIONS
01.5000	TEMPORARY FACILITIES AND CONTROLS
01.5100	TEMPORARY UTILITIES
01.5713	TEMPORARY EROSION AND SEDIMENT CONTROL
01.6116	VOLATILE ORGANIC COMPOUND (VOC) CONTENT RESTRICTIONS
01.7329	CUTTING AND PATCHING
01.7700	CLOSEOUT SUBMITTALS
01.9113	GENERAL COMMISSIONING REQUIREMENTS
01.9114	COMMISSIONING AUTHORITY RESPONSIBILITIES
02.4119	DEMOLITION
05.1200	STRUCTURAL STEEL FRAMING
05.2100	STEEL JOIST FRAMING
05.3100	STEEL DECKING
05.5133	METAL LADDERS

2. **CONSTRUCTION DRAWINGS:** CONTRACTOR IS RESPONSIBLE FOR REVIEWING ALL CONSTRUCTION DRAWING PAGES AND BECOMING FAMILIAR WITH THE COMPLETE SET TO SATISFY THE SCOPE OF WORK RELATED TO THE BID CATEGORY.
 - a. DRAWING INDEX CAN BE FOUND ON TITLE PAGE.
3. Furnish and Erect new structural steel as shown on S0.01, S0.02, S0.03, S3.1A, S3.1B, S3.1C and S7.01.
4. Furnish and Erect structural re-inforcing as shown on S0.01, S0.02, S0.03, S3.1A, S3.1B, S3.1C and S7.01.
5. Furnish and Erect metal deck patching as shown.
6. Furnish New lintels as shown for new mechanical openings.
7. Furnish and Install any shoring needing to complete the work in this scope.
8. Furnish and Install any Fire protection and weld protection needed to complete the work in this scope.
9. All onsite welding must be done by certified welders.
10. Provide Fire Watch for work completed above.
11. Dust control measures for all work in this Bid Category.
12. Daily clean-up at work areas.
13. Contractor to meet Project Schedule, this includes weekend work or daily overtime.
 - a. Project Manager/Project Foreman required to attend the following meetings:
 - i. Pre-Construction Kick Off
 - ii. Bi-Weekly Progress Meeting
 - iii. Any meetings required by the Local Ordinance, Architect, and/ or Civil Engineer
14. All work must be done in accordance with MIOSHA Regulations.
 - a. Provide lifting plan for any crane work.
15. Warranties as specified.
16. Submit shop drawings to scale so they can be accurately commented on/coordinated with other trades.
17. When shop drawings are returned from the Architect to Contractor marked "Rejected" or "Revise and Resubmit", contractor shall reissue the second time with the revisions clouded.

BID CATEGORY NO. 05 - GENERAL TRADES

INCLUDE:

1. Complete General Trades work as shown on the drawings and as specified in the following sections:

SPECIFICATION MANUAL AND FRONT ENDS

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01.0000	GENERAL REQUIREMENTS
01.0001	ELECTRONIC MODEL/DRAWING FILE EXCHANGE AGREEMENT
01.1000.0	SUMMARY
01.1000.1	ABBREVIATIONS
01.1010.1	WORK COVERED BY CONTRACT DOCUMENTS
01.1010.2	SCHEDULING
01.1010.3	CONTRACTOR USE OF PREMISES
01.1010.4	SUBSTANTIAL COMPLETION
01.2200	UNIT PRICES
01.2300	ALTERNATES
01.3000	ADMINISTRATIVE REQUIREMENTS
01.3000.1	SUBMITTALS
01.3113	INSURANCE REQUIREMENTS
01.4000	QUALITY REQUIREMENTS
01.4100	REGULATORY REQUIREMENTS
01.4533	CODE-REQUIRED SPECIAL INSPECTIONS
01.5000	TEMPORARY FACILITIES AND CONTROLS
01.5100	TEMPORARY UTILITIES
01.5713	TEMPORARY EROSION AND SEDIMENT CONTROL
01.6116	VOLATILE ORGANIC COMPOUND (VOC) CONTENT RESTRICTIONS
01.7329	CUTTING AND PATCHING
01.7700	CLOSEOUT SUBMITTALS
01.9113	GENERAL COMMISSIONING REQUIREMENTS
01.9114	COMMISSIONING AUTHORITY RESPONSIBILITIES
02.4119	DEMOLITION
06.1000	ROUGH CARPENTRY
06.2000	FINISH CARPENTRY
06.6100	CAST POLYMER FABRICATIONS
07.9200	JOINT SEALANTS
08.1113	HOLLOW METAL DOORS AND FRAMES
08.1416	FLUSH WOOD DOORS

08.3513.13	ACCORDION FOLDING DOORS
08.7100	DOOR HARDWARE
10.1100	VISUAL DISPLAY UNITS
10.1419	DIMENSIONAL LETTER SIGNAGE
10.2113.17	PHENOLIC TOILET COMPARTMENTS
10.2800	TOILET, BATH, AND LAUNDRY ACCESSORIES
10.5113	METAL LOCKERS
12.3200	MANUFACTURED WOOD CASEWORK

2. **CONSTRUCTION DRAWINGS:** CONTRACTOR IS RESPONSIBLE FOR REVIEWING ALL CONSTRUCTION DRAWING PAGES AND BECOMING FAMILIAR WITH THE COMPLETE SET TO SATISFY THE SCOPE OF WORK RELATED TO THE BID CATEGORY.
 - a. DRAWING INDEX CAN BE FOUND ON TITLE PAGE.
3. Schedule, take delivery, inventory, and store and install all items noted as "Install Only" above. Provide a list of material received each day to the Construction Manager's Superintendent. All items not noted are to be furnished and installed.
4. Furnish and Install Floor Protection in the following Areas;
 - a. A100, A101, A142, C100, C117, C118, C126, C144, C151
 - i. Floor protection to be One layer of Water Resistant (WR) Hardboard by Protect in area of coverage. Thickness to be 44mil.
 - ii. This is to be installed prior to construction starting and removed at the end of the construction project as directed by the CM.
 - b. Gymnasium B117
 - i. Floor Protection to be one layer of ½" O.S.B over 6 mil clear poly plastic in area of coverage.
 - ii. This is to be installed prior to construction starting and removed at the end of the construction project as directed by the CM.
 - c. A138, B142, C101, C105, C106, C110, C111, C114, C120, C124, C127, C131, C132, C136, C137, C141, C146, C150, C158, C162, C163, and C167.
 - i. Floor protection to be a vinyl carpet shield covering the entire room along with (2) Sheets of WR Hardboard.
 - ii. This is to be installed prior to construction starting and removed at the end of the construction project as directed by the CM.
5. Demo as shown on pages A1.1A, A1.1B, A1.1C
 - a. Notes 2-5, 7-9, 11-17, 19, and 20.
 - b. Note 1
 - i. Remove existing Metal Panels as shown on Page A1.1B Clerestory.
 - c. Note 5 where hash marks are shown for ceiling to be reinstalled this is to be by LPDA category.
 - d. Furnish and Install temporary enclosures at all new exterior openings for doors, windows, and MEP openings. Make enclosures secure from outside and shed water.
 - e. Include Dumpster services for Demo specified under this scope of work.
 - i. Dumpsters need to have Plywood Protection as underlayment to protect existing surfaces.

6. Furnish and erect all blocking shown on drawings or as specified in Miscellaneous Carpentry. Include all blocking not shown but incidental to your scope of work. Roof Blocking by others.
 - a. Casework and furnishings blocking as required.
 - b. Any doors or window bucks as needed/shown.
7. All lumber to be treated as specified.
8. Joint Sealants at all new door frames, casework, and countertops and any application where drywall meets CMU walls.
9. Furnish and Install all Hollow Metal Door Frames and Window Frames as shown.
10. Furnish and Install all Hollow Metal and Wood Doors Leafs as shown.
11. Furnish and Install all new Door Hardware as shown.
12. Furnish and Install all new Casework, Millwork, and Countertops as shown.
13. Furnish and Install new marker boards and tack boards as shown.
14. Furnish and Install all new Bath Accessories as specified and shown.
15. Furnish and Install all new Toilet Partitions as specified and shown.
16. Furnish and Install new metal lockers as shown.
 - a. Includes wood bases as shown.
17. Furnish and Install new roller shades as shown on pages A9.1A, A9.1B, and A9.1C.
18. Dust control measures for all work in this Bid Category.
19. Daily clean-up at work areas.
20. Contractor to meet Project Schedule, this includes weekend work or daily overtime.
 - a. Project Manager/Project Foreman required to attend the following meetings:
 - i. Pre-Construction Kick Off
 - ii. Bi-Weekly Progress Meeting
 - iii. Any meetings required by the Local Ordinance, Architect, and/ or Civil Engineer
21. All work must be done in accordance with MIOSHA Regulations.
 - a. Provide lifting plan for any crane work.
22. Warranties as specified.
23. Submit shop drawings to scale so they can be accurately commented on/coordinated with other trades.
24. When shop drawings are returned from the Architect to Contractor marked "Rejected" or "Revise and Resubmit", contractor shall reissue the second time with the revisions clouded.
25. **Alternate No. A-1: Provide All Costs Associated with Replacing the small group room accordion doors, as indicated on the plan, with high performing acoustic accordion doors.**
 - a. **Required in this scope of work.**

BID CATEGORY NO. 06 - METAL ROOFING/METAL PANEL SYSTEMS

INCLUDE:

1. Complete Metal Roofing/Metal Panel Systems as shown on the drawings and as specified in the following sections:

SPECIFICATION MANUAL AND FRONT ENDS

00.0101	PROJECT TITLE PAGE
00.0110	TABLE OF CONTENTS
00.0115	LIST OF DRAWING SHEETS
00.4323	ALTERNATES FORM
00.1113	ADVERTISEMENT FOR BIDS
00.4100	BID FORM
00.4323	ALTERNATES FORM
01.0000	GENERAL REQUIREMENTS
01.0001	ELECTRONIC MODEL/DRAWING FILE EXCHANGE AGREEMENT
01.1000.0	SUMMARY
01.1000.1	ABBREVIATIONS
01.1010.1	WORK COVERED BY CONTRACT DOCUMENTS
01.1010.2	SCHEDULING
01.1010.3	CONTRACTOR USE OF PREMISES
01.1010.4	SUBSTANTIAL COMPLETION
01.2200	UNIT PRICES
01.2300	ALTERNATES
01.3000	ADMINISTRATIVE REQUIREMENTS
01.3000.1	SUBMITTALS
01.3113	INSURANCE REQUIREMENTS
01.4000	QUALITY REQUIREMENTS
01.4100	REGULATORY REQUIREMENTS
01.4533	CODE-REQUIRED SPECIAL INSPECTIONS
01.5000	TEMPORARY FACILITIES AND CONTROLS
01.5100	TEMPORARY UTILITIES
01.5713	TEMPORARY EROSION AND SEDIMENT CONTROL
01.6116	VOLATILE ORGANIC COMPOUND (VOC) CONTENT RESTRICTIONS
01.7329	CUTTING AND PATCHING
01.7700	CLOSEOUT SUBMITTALS
01.9113	GENERAL COMMISSIONING REQUIREMENTS
01.9114	COMMISSIONING AUTHORITY RESPONSIBILITIES
02.4119	DEMOLITION
07.2100	THERMAL INSULATION
07.2500	WEATHER BARRIERS
07.4113	METAL ROOF PANELS
07.4213	METAL WALL PANELS
07.4213.19	INSULATED METAL WALL PANELS

07.4213.23	METAL COMPOSITE MATERIAL WALL PANELS
07.6200	SHEET METAL FLASHING AND TRIM
07.9200	JOINT SEALANTS

2. **CONSTRUCTION DRAWINGS:** CONTRACTOR IS RESPONSIBLE FOR REVIEWING ALL CONSTRUCTION DRAWING PAGES AND BECOMING FAMILIAR WITH THE COMPLETE SET TO SATISFY THE SCOPE OF WORK RELATED TO THE BID CATEGORY.
 - a. DRAWING INDEX CAN BE FOUND ON TITLE PAGE.
3. Demolition of Existing Standing Seam roof as shown on pages A2.3A, and A2.3B.
 - a. Make area water sealed prior to installation of new standing seam roof system.
4. Include Dumpster services for Demo specified under this scope of work.
 - a. Dumpsters need to have Plywood Protection as underlayment to protect existing surfaces.
5. Furnish and Install all joint sealants for related work in this scope.
6. Furnish and Install complete roofing system as shown.
 - a. Standing Seam Metal Roofing System.
 - i. This includes all metal flashing and copings.
7. Furnish and Install ½" Coverboard with (2) layers of 2.6" Rigid Insulation underneath the Metal Roof System.
 - a. Include Ice and Water Shield for this new system.
8. Furnish and Install any blocking as needed for this scope of work.
9. Daily clean-up at work areas.
10. Contractor to meet Project Schedule, this includes weekend work or daily overtime.
 - a. Project Manager/Project Foreman required to attend the following meetings:
 - i. Pre-Construction Kick Off
 - ii. Bi-Weekly Progress Meeting
 - iii. Any meetings required by the Local Ordinance, Architect, and/ or Civil Engineer
11. All work must be done in accordance with MIOSHA Regulations.
 - a. Provide lifting plan for any crane work.
12. Warranties as specified.
13. Submit shop drawings to scale so they can be accurately commented on/coordinated with other trades.
14. When shop drawings are returned from the Architect to Contractor marked "Rejected" or "Revise and Resubmit", contractor shall reissue the second time with the revisions clouded.

BID CATEGORY NO. 07 - MEMBRANE ROOFING

INCLUDE:

1. Complete Membrane Roofing as shown on the drawings and as specified in the following sections:

SPECIFICATION MANUAL AND FRONT ENDS

00.0101	PROJECT TITLE PAGE
00.0110	TABLE OF CONTENTS
00.0115	LIST OF DRAWING SHEETS
00.4323	ALTERNATES FORM
00.1113	ADVERTISEMENT FOR BIDS
00.4100	BID FORM
00.4323	ALTERNATES FORM
01.0000	GENERAL REQUIREMENTS
01.0001	ELECTRONIC MODEL/DRAWING FILE EXCHANGE AGREEMENT
01.1000.0	SUMMARY
01.1000.1	ABBREVIATIONS
01.1010.1	WORK COVERED BY CONTRACT DOCUMENTS
01.1010.2	SCHEDULING
01.1010.3	CONTRACTOR USE OF PREMISES
01.1010.4	SUBSTANTIAL COMPLETION
01.2200	UNIT PRICES
01.2300	ALTERNATES
01.3000	ADMINISTRATIVE REQUIREMENTS
01.3000.1	SUBMITTALS
01.3113	INSURANCE REQUIREMENTS
01.4000	QUALITY REQUIREMENTS
01.4100	REGULATORY REQUIREMENTS
01.4533	CODE-REQUIRED SPECIAL INSPECTIONS
01.5000	TEMPORARY FACILITIES AND CONTROLS
01.5100	TEMPORARY UTILITIES
01.5713	TEMPORARY EROSION AND SEDIMENT CONTROL
01.6116	VOLATILE ORGANIC COMPOUND (VOC) CONTENT RESTRICTIONS
01.7329	CUTTING AND PATCHING
01.7700	CLOSEOUT SUBMITTALS
01.9113	GENERAL COMMISSIONING REQUIREMENTS
01.9114	COMMISSIONING AUTHORITY RESPONSIBILITIES
02.4119	DEMOLITION
07.2100	THERMAL INSULATION
07.2500	WEATHER BARRIERS
07.5300	ELASTOMERIC MEMBRANE ROOFING
07.6200	SHEET METAL FLASHING & TRIM
07.9200	JOINT SEALANTS



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2. **CONSTRUCTION DRAWINGS:** CONTRACTOR IS RESPONSIBLE FOR REVIEWING ALL CONSTRUCTION DRAWING PAGES AND BECOMING FAMILIAR WITH THE COMPLETE SET TO SATISFY THE SCOPE OF WORK RELATED TO THE BID CATEGORY.
 - a. DRAWING INDEX CAN BE FOUND ON TITLE PAGE.
3. Demolition of existing Membrane roof and insulation as shown on page A2.3A, A2.3B, and A2.3C.
 - a. Demolition shall be performed so that there is no water damage to existing and new finishes inside the building. All work must remain water tight at the end of the day.
4. Include Dumpster services for Demo specified under this scope of work.
 - a. Dumpsters need to have Plywood Protection as underlayment to protect existing surfaces.
5. Furnish and install new membrane roof system as shown on page A2.3A, A2.3B, and A2.3C.
 - a. This includes all metal flashings and copings related to this work.
 - b. This includes flashing in all existing penetrations along with all new penetrations.
6. Furnish and Install ½" coverboard with (2) layers of 2.6" Insulation fastened to the metal deck.
 - a. This includes the tapered insulation as shown on the drawings.
7. Furnish and Install new wood blocking as shown.
8. Furnish and Install all joint sealants for related work in this scope.
9. Daily clean-up at work areas.
10. Contractor to Meet Project Schedule, this includes weekend work or Daily overtime.
11. Furnish and install complete roofing system as shown.
12. Tie into the existing roofing system as necessary.
13. Provide all warranties as specified.

BID CATEGORY NO. 08 - ALUMINUM STOREFRONTS & GLAZING

INCLUDE:

1. Complete Aluminum Storefronts & Glazing as shown on the drawings and as specified in the following sections:

SPECIFICATION MANUAL AND FRONT ENDS

00.0101	PROJECT TITLE PAGE
00.0110	TABLE OF CONTENTS
00.0115	LIST OF DRAWING SHEETS
00.4323	ALTERNATES FORM
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00.4100	BID FORM
00.4323	ALTERNATES FORM
01.0000	GENERAL REQUIREMENTS
01.0001	ELECTRONIC MODEL/DRAWING FILE EXCHANGE AGREEMENT
01.1000.0	SUMMARY
01.1000.1	ABBREVIATIONS
01.1010.1	WORK COVERED BY CONTRACT DOCUMENTS
01.1010.2	SCHEDULING
01.1010.3	CONTRACTOR USE OF PREMISES
01.1010.4	SUBSTANTIAL COMPLETION
01.2200	UNIT PRICES
01.2300	ALTERNATES
01.3000	ADMINISTRATIVE REQUIREMENTS
01.3000.1	SUBMITTALS
01.3113	INSURANCE REQUIREMENTS
01.4000	QUALITY REQUIREMENTS
01.4100	REGULATORY REQUIREMENTS
01.4533	CODE-REQUIRED SPECIAL INSPECTIONS
01.5000	TEMPORARY FACILITIES AND CONTROLS
01.5100	TEMPORARY UTILITIES
01.5713	TEMPORARY EROSION AND SEDIMENT CONTROL
01.6116	VOLATILE ORGANIC COMPOUND (VOC) CONTENT RESTRICTIONS
01.7329	CUTTING AND PATCHING
01.7700	CLOSEOUT SUBMITTALS
01.9113	GENERAL COMMISSIONING REQUIREMENTS
01.9114	COMMISSIONING AUTHORITY RESPONSIBILITIES
02.4119	DEMOLITION
07.9200	JOINT SEALANTS
08.4313	ALUMINUM-FRAMED STOREFRONTS
08.7100	DOOR HARDWARE
08.8000	GLAZING

2. **CONSTRUCTION DRAWINGS:** CONTRACTOR IS RESPONSIBLE FOR REVIEWING ALL CONSTRUCTION DRAWING PAGES AND BECOMING FAMILIAR WITH THE COMPLETE SET TO SATISFY THE SCOPE OF WORK RELATED TO THE BID CATEGORY.
 - a. DRAWING INDEX CAN BE FOUND ON TITLE PAGE.
3. Furnish and Install all Aluminum Frames and Doors as shown.
 - a. Including all Door Hardware related to this scope of work.
4. Furnish and Install all Glass and Glazing as shown.
5. Furnish and Install Mirrors as shown.
6. Furnish and Install all joint sealants for related work in this scope.
7. Glass cleaning at substantial completion of the entire project.
8. Furnish and install all storefront systems as shown and specified.
9. Contractor responsible for all field measurements for this scope of work.
10. Provide all hardware specified under this scope.
11. Furnish and install any break metal necessary to complete this scope.
12. Furnish and install egress stickers at all new egress openings.
13. Furnish and install all glazing films as shown.
14. Daily clean-up at work areas.
15. Contractor to meet Project Schedule, this includes weekend work or daily overtime.
 - a. Project Manager/Project Foreman required to attend the following meetings:
 - i. Pre-Construction Kick Off
 - ii. Bi-Weekly Progress Meeting
 - iii. Any meetings required by the Local Ordinance, Architect, and/or Civil Engineer
16. All work must be done in accordance with MIOSHA Regulations.
 - a. Provide lifting plan for any crane work.
17. Warranties as specified.
18. Submit shop drawings to scale so they can be accurately commented on/coordinated with other trades.
19. When shop drawings are returned from the Architect to Contractor marked "Rejected" or "Revise and Resubmit", contractor shall reissue the second time with the revisions clouded.

BID CATEGORY NO. 09 - LPDA

INCLUDE:

1. Complete LPDA work as shown on the drawings and as specified in the following sections:

SPECIFICATION MANUAL AND FRONT ENDS

00.0101	PROJECT TITLE PAGE
00.0110	TABLE OF CONTENTS
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00.4323	ALTERNATES FORM
01.0000	GENERAL REQUIREMENTS
01.0001	ELECTRONIC MODEL/DRAWING FILE EXCHANGE AGREEMENT
01.1000.0	SUMMARY
01.1000.1	ABBREVIATIONS
01.1010.1	WORK COVERED BY CONTRACT DOCUMENTS
01.1010.2	SCHEDULING
01.1010.3	CONTRACTOR USE OF PREMISES
01.1010.4	SUBSTANTIAL COMPLETION
01.2200	UNIT PRICES
01.2300	ALTERNATES
01.3000	ADMINISTRATIVE REQUIREMENTS
01.3000.1	SUBMITTALS
01.3113	INSURANCE REQUIREMENTS
01.4000	QUALITY REQUIREMENTS
01.4100	REGULATORY REQUIREMENTS
01.4533	CODE-REQUIRED SPECIAL INSPECTIONS
01.5000	TEMPORARY FACILITIES AND CONTROLS
01.5100	TEMPORARY UTILITIES
01.5713	TEMPORARY EROSION AND SEDIMENT CONTROL
01.6116	VOLATILE ORGANIC COMPOUND (VOC) CONTENT RESTRICTIONS
01.7329	CUTTING AND PATCHING
01.7700	CLOSEOUT SUBMITTALS
01.9113	GENERAL COMMISSIONING REQUIREMENTS
01.9114	COMMISSIONING AUTHORITY RESPONSIBILITIES
02.4119	DEMOLITION
05.4000	COLD-FORMED METAL FRAMING
07.8400	FIRESTOPPING
09.2116	GYPSUM BOARD ASSEMBLIES
09.2216	NON-STRUCTURAL METAL FRAMING
09.5100	ACOUSTICAL CEILINGS



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2. **CONSTRUCTION DRAWINGS:** CONTRACTOR IS RESPONSIBLE FOR REVIEWING ALL CONSTRUCTION DRAWING PAGES AND BECOMING FAMILIAR WITH THE COMPLETE SET TO SATISFY THE SCOPE OF WORK RELATED TO THE BID CATEGORY.
 - a. DRAWING INDEX CAN BE FOUND ON TITLE PAGE.
3. Demo as called out for on Sheets A1.1A and A1.1B, note 5.
 - a. Areas to be taken down and reinstalled. This scope will be included in this bid category.
4. Furnish and Install all new metal studs as shown.
 - a. This includes cold form metal framing and non structural metal framing.
5. Engineered drawings required to be provided for cold form metal framing.
6. Furnish and Install all Gypsum boards as shown.
 - a. All Gypsum board must be finished as specified for painting.
7. Furnish and Install new Ceilings and Grid as shown on the drawings.
8. Furnish and Install new drywall bulkheads as shown.
9. Furnish and Install all batt insulation as shown on interior partitions as well as any exterior metal stud walls as shown.
10. Furnish and Install firestopping at all rated assemblies as shown on the drawing.
11. Coordinate layout and elevations with the Construction Manager prior to install.
12. Dust control measures for all work in this Bid Category.
13. Daily clean-up at work areas.
14. Contractor to meet Project Schedule, this includes weekend work or daily overtime.
 - a. Project Manager/Project Foreman required to attend the following meetings:
 - i. Pre-Construction Kick Off
 - ii. Bi-Weekly Progress Meeting
 - iii. Any meetings required by the Local Ordinance, Architect, and/or Civil Engineer
15. All work must be done in accordance with MIOSHA Regulations.
16. Warranties as specified.
17. Submit shop drawings to scale so they can be accurately commented on/coordinated with other trades.
18. When shop drawings are returned from the Architect to Contractor marked "Rejected" or "Revise and Resubmit", contractor shall reissue the second time with the revisions clouded.

BID CATEGORY NO. 10 - FLOORING

INCLUDE:

1. Complete Flooring work as shown on the drawings and as specified in the following sections:

SPECIFICATION MANUAL AND FRONT ENDS

00.0101	PROJECT TITLE PAGE
00.0110	TABLE OF CONTENTS
00.0115	LIST OF DRAWING SHEETS
00.4323	ALTERNATES FORM
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00.4323	ALTERNATES FORM
01.0000	GENERAL REQUIREMENTS
01.0001	ELECTRONIC MODEL/DRAWING FILE EXCHANGE AGREEMENT
01.1000.0	SUMMARY
01.1000.1	ABBREVIATIONS
01.1010.1	WORK COVERED BY CONTRACT DOCUMENTS
01.1010.2	SCHEDULING
01.1010.3	CONTRACTOR USE OF PREMISES
01.1010.4	SUBSTANTIAL COMPLETION
01.2200	UNIT PRICES
01.2300	ALTERNATES
01.3000	ADMINISTRATIVE REQUIREMENTS
01.3000.1	SUBMITTALS
01.3113	INSURANCE REQUIREMENTS
01.4000	QUALITY REQUIREMENTS
01.4100	REGULATORY REQUIREMENTS
01.4533	CODE-REQUIRED SPECIAL INSPECTIONS
01.5000	TEMPORARY FACILITIES AND CONTROLS
01.5100	TEMPORARY UTILITIES
01.5713	TEMPORARY EROSION AND SEDIMENT CONTROL
01.6116	VOLATILE ORGANIC COMPOUND (VOC) CONTENT RESTRICTIONS
01.7329	CUTTING AND PATCHING
01.7700	CLOSEOUT SUBMITTALS
01.9113	GENERAL COMMISSIONING REQUIREMENTS
01.9114	COMMISSIONING AUTHORITY RESPONSIBILITIES
02.4119	DEMOLITION
07.9200	JOINT SEALANTS
09.3000	TILING
09.6500	RESILIENT FLOORING
09.6813	TILE CARPETING



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2. **CONSTRUCTION DRAWINGS:** CONTRACTOR IS RESPONSIBLE FOR REVIEWING ALL CONSTRUCTION DRAWING PAGES AND BECOMING FAMILIAR WITH THE COMPLETE SET TO SATISFY THE SCOPE OF WORK RELATED TO THE BID CATEGORY.
 - a. DRAWING INDEX CAN BE FOUND ON TITLE PAGE.
3. Demo of Existing flooring and base as shown in note 10 on pages A1.1A, A1.1B, and A1.1C.
4. Include Dumpster services for Demo specified under this scope of work.
 - a. Dumpsters need to have Plywood Protection as underlayment to protect existing surfaces.
5. Furnish and Install new flooring as shown on the drawings.
 - a. This includes All Resilient Flooring (including base), Tile Carpeting, and Ceramic Tiling.
 - b. Responsible for monitoring and procuring methods for humidity control during the installation of the new flooring system.
6. Minor floor prep as needed.
7. Furnish and Install Entrance Floor Mats and Frames as shown.
8. Coordinate layout and elevations with the Construction Manager prior to install.
9. Dust control measures for all work in this Bid Category.
10. Daily clean-up at work areas.
11. Contractor to meet Project Schedule, this includes weekend work or daily overtime.
 - a. Project Manager/Project Foreman required to attend the following meetings:
 - i. Pre-Construction Kick Off
 - ii. Bi-Weekly Progress Meeting
 - iii. Any meetings required by the Local Ordinance, Architect, and/or Civil Engineer
12. All work must be done in accordance with MIOSHA Regulations.
13. Warranties as specified.
14. Submit shop drawings to scale so they can be accurately commented on/coordinated with other trades.
15. When shop drawings are returned from the Architect to Contractor marked "Rejected" or "Revise and Resubmit", contractor shall reissue the second time with the revisions clouded.

BID CATEGORY NO. 11 - PAINTING

INCLUDE:

1. Complete Painting work as shown on the drawings and as specified in the following sections:

SPECIFICATION MANUAL AND FRONT ENDS

00.0101	PROJECT TITLE PAGE
00.0110	TABLE OF CONTENTS
00.0115	LIST OF DRAWING SHEETS
00.4323	ALTERNATES FORM
00.1113	ADVERTISEMENT FOR BIDS
00.4100	BID FORM
00.4323	ALTERNATES FORM
01.0000	GENERAL REQUIREMENTS
01.0001	ELECTRONIC MODEL/DRAWING FILE EXCHANGE AGREEMENT
01.1000.0	SUMMARY
01.1000.1	ABBREVIATIONS
01.1010.1	WORK COVERED BY CONTRACT DOCUMENTS
01.1010.2	SCHEDULING
01.1010.3	CONTRACTOR USE OF PREMISES
01.1010.4	SUBSTANTIAL COMPLETION
01.2200	UNIT PRICES
01.2300	ALTERNATES
01.3000	ADMINISTRATIVE REQUIREMENTS
01.3000.1	SUBMITTALS
01.3113	INSURANCE REQUIREMENTS
01.4000	QUALITY REQUIREMENTS
01.4100	REGULATORY REQUIREMENTS
01.4533	CODE-REQUIRED SPECIAL INSPECTIONS
01.5000	TEMPORARY FACILITIES AND CONTROLS
01.5100	TEMPORARY UTILITIES
01.5713	TEMPORARY EROSION AND SEDIMENT CONTROL
01.6116	VOLATILE ORGANIC COMPOUND (VOC) CONTENT RESTRICTIONS
01.7329	CUTTING AND PATCHING
01.7700	CLOSEOUT SUBMITTALS
01.9113	GENERAL COMMISSIONING REQUIREMENTS
01.9114	COMMISSIONING AUTHORITY RESPONSIBILITIES
02.4119	DEMOLITION
07.9200	JOINT SEALANTS
09.9000	PAINTING AND COATING
09.9113	EXTERIOR PAINTING

2. **CONSTRUCTION DRAWINGS:** CONTRACTOR IS RESPONSIBLE FOR REVIEWING ALL CONSTRUCTION DRAWING PAGES AND BECOMING FAMILIAR WITH THE COMPLETE SET TO SATISFY THE SCOPE OF WORK RELATED TO THE BID CATEGORY.
 - a. DRAWING INDEX CAN BE FOUND ON TITLE PAGE.
3. Furnish and Install all painting as shown and specified in the Construction Documents for this project.
 - a. Includes but not limited to, Walls, Ceilings, Structural Steel, Misc. Steel, Door Frames, Doors.
4. Contractor responsible for final touch-up.
5. Fire barrier signage/ stenciling on fire walls within concealed space above ceiling per Barrier Free Dimensions.
6. Dust control measures for all work in this Bid Category.
7. Daily clean-up at work areas.
8. Contractor to meet Project Schedule, this includes weekend work or daily overtime.
 - a. Project Manager/Project Foreman required to attend the following meetings:
 - i. Pre-Construction Kick Off
 - ii. Bi-Weekly Progress Meeting
 - iii. Any meetings required by the Local Ordinance, Architect, and/or Civil Engineer
9. All work must be done in accordance with MIOSHA Regulations.
10. Warranties as specified.
11. Submit shop drawings to scale so they can be accurately commented on/coordinated with other trades.
12. When shop drawings are returned from the Architect to Contractor marked "Rejected" or "Revise and Resubmit", contractor shall reissue the second time with the revisions clouded.

BID CATEGORY NO. 12 - FIRE PROTECTION

INCLUDE:

1. Complete Fire Protection work as shown on the drawings and as specified in the following sections:

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2. **CONSTRUCTION DRAWINGS:** CONTRACTOR IS RESPONSIBLE FOR REVIEWING ALL CONSTRUCTION DRAWING PAGES AND BECOMING FAMILIAR WITH THE COMPLETE SET TO SATISFY THE SCOPE OF WORK RELATED TO THE BID CATEGORY.
 - a. DRAWING INDEX CAN BE FOUND ON TITLE PAGE.
3. Temporary support Fire protection piping and heads in all areas as called out for on FP0.01 and FP0.02.
4. Reinstall into the new ceiling as required.
5. Include all sealed drawings for permitting and approvals.
6. Include all permits required for this scope of work. Provide the CM with a copy of the permit(s).
7. Include Fire Caulking/ Fire rating at all penetrations in fire rated assemblies created by this scope of work.
8. Include all tie ins and draining of the existing system as required to complete work.
9. It is the responsibility of this contractor to cut in all fire protection heads into the acoustical ceiling pads.
10. All work to be completed to meet industry standards.
11. Dust control measures for all work in this Bid Category.
12. Daily clean-up at work areas.
13. Contractor to meet Project Schedule, this includes weekend work or daily overtime.
 - a. Project Manager/Project Foreman required to attend the following meetings:
 - i. Pre-Construction Kick Off
 - ii. Bi-Weekly Progress Meeting
 - iii. Any meetings required by the Local Ordinance, Architect, and/or Civil Engineer
14. All work must be done in accordance with MIOSHA Regulations.
15. Warranties as specified.
16. Submit shop drawings to scale so they can be accurately commented on/coordinated with other trades.
17. When shop drawings are returned from the Architect to Contractor marked "Rejected" or "Revise and Resubmit", contractor shall reissue the second time with the revisions clouded.

BID CATEGORY NO. 13 - MECHANICAL

INCLUDE:

1. Complete Mechanical work as shown on the drawings and as specified in the following categories:

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01.3113	INSURANCE REQUIREMENTS
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01.4100	REGULATORY REQUIREMENTS
01.4533	CODE-REQUIRED SPECIAL INSPECTIONS
01.5000	TEMPORARY FACILITIES AND CONTROLS
01.5100	TEMPORARY UTILITIES
01.5713	TEMPORARY EROSION AND SEDIMENT CONTROL
01.6116	VOLATILE ORGANIC COMPOUND (VOC) CONTENT RESTRICTIONS
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01.9113	GENERAL COMMISSIONING REQUIREMENTS
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22.0519	METERS AND GAUGES FOR PLUMBING PIPING



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22.0523	GENERAL DUTY VALVES FOR PLUMBING PIPING
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22.0719	PLUMBING PIPING INSULATION
22.1005	PLUMBING PIPING
22.1006	PLUMBING PIPING SPECIALTIES
22.1123	DOMESTIC WATER PUMPS
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22.4000	PLUMBING FIXTURES
23.0500	HVAC SUMMARY OF WORK
23.0513	COMMON MOTOR REQUIREMENTS FOR HVAC PIPING
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23.0553	IDENTIFICATION FOR HVAC PIPING AND EQUIPMENT
23.0593	TESTING, ADJUSTING, AND BALANCING FOR HVAC
23.0713	DUCT INSULATION
23.0719	HVAC PIPING INSULATION
23.0800	COMMISSIONING OF HVAC
23.0913	INSTRUMENTATION AND CONTROL DEVICES FOR HVAC
23.0913.16	REFRIGERANT DETECTION AND ALARM
23.0923	DIRECT DIGITAL CONTROL SYSTEM FOR HVAC
23.0934	VARIABLE-FREQUENCY MOTOR CONTROLLERS FOR HVAC
23.0993	SEQUENCE OF OPERATIONS FOR HVAC CONTROLS
23.1123	FACILITY NATURAL-GAS PIPING
23.2113	HYDRONIC PIPING
23.2114	HYDRONIC PIPING SPECIALTIES
23.2123	HYDRONIC PUMPS
23.2300	REFRIGERANT PIPING
23.2500	HVAC WATER TREATMENT
23.3100	HVAC DUCTS AND CASINGS
23.3300	AIR DUCT ACCESSORIES
23.3423	HVAC POWER VENTILATORS
23.3700	AIR OUTLETS AND INLETS
23.4000	HVAC AIR CLEANING DEVICES
23.5100	BREECHINGS, CHIMNEYS, AND STACKS
23.6213	PACKAGED AIR-COOLED REFRIGERANT COMPRESSOR AND CONDENSER UNITS
23.7313	MODULAR INDOOR CENTRAL-STATION AIR-HANDLING UNITS
23.7416	PACKAGED ROOFTOP AIR-CONDITIONING UNITS
23.8126.13	SMALL-CAPACITY SPLIT-SYSTEM AIR-CONDITIONERS
23.8200	TERMINAL HEATING AND COOLING UNITS

23.8216 AIR COILS

2. **CONSTRUCTION DRAWINGS:** CONTRACTOR IS RESPONSIBLE FOR REVIEWING ALL CONSTRUCTION DRAWING PAGES AND BECOMING FAMILIAR WITH THE COMPLETE SET TO SATISFY THE SCOPE OF WORK RELATED TO THE BID CATEGORY.
 - a. DRAWING INDEX CAN BE FOUND ON TITLE PAGE.
3. Plumbing and Mechanical Demo as shown on pages P1.1A, P1.1B, P1.1C, M1.1A, M1.1B, M1.1C.
4. Include Dumpster services for Demo specified under this scope of work.
 - a. Dumpsters need to have Plywood Protection as underlayment to protect existing surfaces.
5. Furnish and Install exterior louvers as shown.
6. Furnish and Install all plumbing and HVAC as specified and shown.
 - a. All equipment as specified.
 - b. Testing and Balancing as required.
 - c. Includes caulking/ joint sealants for the work completed in this bid category.
7. Applicable fees, permits, inspections, etc., as required for the completion of the work in this bid category.
8. Fire caulk any penetrations at rated assemblies.
9. Any coring through masonry or concrete to complete work in this scope must be included.
10. All DDC and Controls must be included as specified and shown.
11. Floor protection for any welding or soldering.
12. Dust control measures for all work in this Bid Category.
13. Daily clean-up at work areas.
14. Contractor to meet Project Schedule, this includes weekend work or daily overtime.
 - a. Project Manager/Project Foreman required to attend the following meetings:
 - i. Pre-Construction Kick Off
 - ii. Bi-Weekly Progress Meeting
 - iii. Any meetings required by the Local Ordinance, Architect, and/or Civil Engineer
15. All work must be done in accordance with MIOSHA Regulations.
16. Warranties as specified.
17. Submit shop drawings to scale so they can be accurately commented on/coordinated with other trades.
18. When shop drawings are returned from the Architect to Contractor marked "Rejected" or "Revise and Resubmit", contractor shall reissue the second time with the revisions clouded.

BID CATEGORY NO. 14 - ELECTRICAL

INCLUDE:

1. Complete Electrical work as shown on the drawings and as specified in the following sections:

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01.1010.3	CONTRACTOR USE OF PREMISES
01.1010.4	SUBSTANTIAL COMPLETION
01.2200	UNIT PRICES
01.2300	ALTERNATES
01.3000	ADMINISTRATIVE REQUIREMENTS
01.3000.1	SUBMITTALS
01.3113	INSURANCE REQUIREMENTS
01.4000	QUALITY REQUIREMENTS
01.4100	REGULATORY REQUIREMENTS
01.4533	CODE-REQUIRED SPECIAL INSPECTIONS
01.5000	TEMPORARY FACILITIES AND CONTROLS
01.5100	TEMPORARY UTILITIES
01.5713	TEMPORARY EROSION AND SEDIMENT CONTROL
01.6116	VOLATILE ORGANIC COMPOUND (VOC) CONTENT RESTRICTIONS
01.7329	CUTTING AND PATCHING
01.7700	CLOSEOUT SUBMITTALS
01.9113	GENERAL COMMISSIONING REQUIREMENTS
01.9114	COMMISSIONING AUTHORITY RESPONSIBILITIES
02.4119	DEMOLITION
07.8400	FIRESTOPPING
26.0500	COMMON RESULTS FOR ELECTRICAL
26.0505	SELECTIVE DEMOLITION FOR ELECTRICAL
26.0519	LOW-VOLTAGE ELECTRICAL POWER CONDUCTORS AND CABLES
26.0526	GROUNDING AND BONDING FOR ELECTRICAL SYSTEMS
26.0529	HANGERS AND SUPPORTS FOR ELECTRICAL SYSTEMS



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26.0533.13	CONDUIT FOR ELECTRICAL SYSTEMS
26.0533.16	BOXES FOR ELECTRICAL SYSTEMS
26.0533.23	SURFACE RACEWAYS FOR ELECTRICAL SYSTEMS
26.0553	IDENTIFICATION FOR ELECTRICAL SYSTEMS
26.0573	POWER SYSTEM STUDIES
26.0583	WIRING CONNECTIONS
26.0943	NETWORK LIGHTING CONTROLS
26.2200	LOW-VOLTAGE TRANSFORMERS
26.2416	PANELBOARDS
26.2713	POWER AND ENERGY METERS
26.2726	WIRING DEVICES
26.2813	FUSES
26.2816.16	ENCLOSED SWITCHES
26.2913	ENCLOSED CONTROLLERS
26.3213	ENGINE GENERATORS
26.3600	TRANSFER SWITCHES
26.4300	SURGE PROTECTIVE DEVICES
26.5100	INTERIOR LIGHTING
26.5600	EXTERIOR LIGHTING
27.0505	SELECTIVE DEMOLITION FOR COMMUNICATION
27.0526	GROUNDING AND BONDING FOR COMMUNICATIONS SYSTEMS
27.0529	HANGERS AND SUPPORTS FOR COMMUNICATIONS SYSTEMS
27.0533.13	CONDUIT FOR COMMUNICATIONS SYSTEMS
27.1000	STRUCTURED CABLING
27.5116	PUBLIC ADDRESS SYSTEMS
27.5313	CLOCK SYSTEMS
28.0505	SELECTIVE ELECTRONIC SAFETY AND SECURITY DEMOLITION
28.1300	INTEGRADED ACCESS CONTROLS, VIDEO SURVEILLANCE, INTRUSION AND THREAT LEVEL MANAGEMENT SYSTEM
28.4600	FIRE DETECTION AND ALARM

2. **CONSTRUCTION DRAWINGS:** CONTRACTOR IS RESPONSIBLE FOR REVIEWING ALL CONSTRUCTION DRAWING PAGES AND BECOMING FAMILIAR WITH THE COMPLETE SET TO SATISFY THE SCOPE OF WORK RELATED TO THE BID CATEGORY.
 - a. DRAWING INDEX CAN BE FOUND ON TITLE PAGE.
3. Electrical Demo as shown on pages E1.1A, E.1.1B, and E1.1C.
4. Include Dumpster services for Demo specified under this scope of work.
 - a. Dumpsters need to have Plywood Protection as underlayment to protect existing surfaces.
5. Furnish and Install complete Electrical & Low Voltage system as specified and shown.
 - a. This includes the electrical work shown on the Civil drawings.
6. Include PA and clock systems.
7. Include all fire alarm systems.
8. Fire caulk any penetrations at rated assemblies.



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9. Temporary electrical (Power and Lighting) system(s). Remove upon the direction of the Construction Manager.
10. Technology and communications related (voice, data, video, etc.) boxes, raceways and pull wires as required by the documents. Coordinate with appropriate contractor(s).
11. Fire resistant joint sealers as specified in Section 07.8443 for all electrical associated penetrations.
12. Applicable fees, permits, inspections, etc., as required for the completion of the work in this bid category.
13. Furnish and install electrical sleeves.
14. Final hook-up of mechanical equipment.
15. Receive power supplies, mount and energize with 120V.
16. Demolition of and removal of electrical systems required to facilitate new construction and/or remodeling. It is this contractor's responsibility to survey existing conditions to determine the extent that this affects in this scope of work.
17. Demolition of and removal of electrical, security and fire alarm systems required to facilitate new construction and/or remodeling. It is this contractor's responsibility to survey existing conditions to determine the extent that this affects in this scope of work. Patching of surfaces to receive new finishes or fire ratings as a result of your demolition. Example: screw holes at wire-mold.
18. Metal support framing specifically required for support of electrical systems.
19. Include wiring of FCU's. FCU's will be supplied and started by the Mechanical contractor.
20. Install conduit at all exposed ceilings for communications/ security and fire detection.
21. It is this contractor's responsibility to ensure all rough-in boxes are installed level, plumb, and solidly grouted. Final product and cover plates must be level and plumb.
22. Existing clock/ intercom/ camera demolition where shown on drawings. Patching of any holes using qualified trades that is required by removals. All demolition associated with your specification sections. Existing items/ fixtures/ devices to be salvaged, stored for re-use/ re-installation as indicated per drawings.
23. Furnish and install blank cover plates at all removed electrical fixtures/ devices at walls, ceilings, and floors not noted for demolition.
24. Include, using qualified trades, saw cutting/ removal/ excavation/ backfill/ compaction/ new concrete at any areas needed for electrical not shown on demolition drawings.
25. Provide and install all plywood mounting boards as required for any fire alarm, communications, and electrical mounting requirements.
26. Coordinate and layout and locations of all underground electrical conduit serving millwork furniture with Communications and General Trades contractors.
27. Furnish and install disconnect switches, wiring, conduit and other equipment/ wiring per Div. 26 as required for a complete and proper electronic access control system.
28. Installation of conduits for DDC.
29. Remove all Ceiling Mounted Devices including but not limited to power, data, ceiling fans, wireless routers, exit lights, etc.
30. Reinstall Ceiling Mounted Devices after New Ceiling is installed.
31. Project Foreman needs to have a Journeyman's license.
32. Dust control measures for all work in this Bid Category.
33. Daily clean-up at work areas.
34. Contractor to meet Project Schedule, this includes weekend work or daily overtime.
 - a. Project Manager/Project Foreman required to attend the following meetings:

- i. Pre-Construction Kick Off
 - ii. Bi-Weekly Progress Meeting
 - iii. Any meetings required by the Local Ordinance, Architect, and/or Civil Engineer
- 35. All work must be done in accordance with MIOSHA Regulations.
- 36. Warranties as specified.
- 37. Submit shop drawings to scale so they can be accurately commented on/coordinated with other trades.
- 38. When shop drawings are returned from the Architect to Contractor marked "Rejected" or "Revise and Resubmit", contractor shall reissue the second time with the revisions clouded.

DIVISION 01 – GENERAL REQUIREMENTS

01 1000.0 SUMMARY

01 1000.1 ABBREVIATIONS

1. CM: Construction Manager

01 1010.1 WORK COVERED BY CONTRACT DOCUMENTS

1. The Project for West Ottawa Public Schools:
 - a. *Waukazoo Elementary Improvements*
1294 W Lakewood Blvd, Holland, MI 49424
 - b. *Sheldon Woods Elementary Electrical Improvements*
15050 Blair St, West Olive, MI 49460

01 1010.2 SCHEDULING

1. All work to be scheduled and approved by the Owner and CM.
2. Bidding Dates:
 - a. Pre-Bid Walk Thru: Wednesday, October 8, 2025 at 4:15 P.M.
 - b. RFI's Due: Friday, October 10, 2025 BY 4:00 P.M.
 - c. **Bids Due:** **Wednesday, October 21, 2025 at 10:00 A.M.**
 - d. Mandatory Post Bid Interviews: October 27, 2025 - October 29, 2025
3. Construction Dates:
 - a. Existing Interior Renovations
 - i. Begin Construction: December 20, 2025 (Christmas Break)
 - ii. Substantial Completion: August 7, 2026

01 1010.3 CONTRACTOR USE OF PREMISES

1. Use of the premises will be coordinated by the CM.
2. Each contractor will make premises usable by the Owner with the coordination of the CM.
3. It shall be the responsibility of the contractor to obtain and pay for additional storage as needed.
4. All work areas shall be kept in a clean and professional manner.

01 1010.4 SUBSTANTIAL COMPLETION

1. All contractors shall coordinate their schedule with the CM for Substantial Completion with the following requirements:
 - a. Access for Owner's Personnel
 - b. Access to receive Owner's Furniture
 - c. Operation of Electrical and Mechanical systems.

01 2200.0 UNIT PRICES

1. Unit prices to include all costs, including overhead and profit.
 - a. Unit Price No. 1: None

01 2300 ALTERNATES

1. Contractors are to indicate the cost associated with the work listed in the alternates. This is to include all costs, including overhead and profit.
 - a. **Alternate No. A-1: Waukazoo Elementary**
 - i. Provide all costs associated with replacing the small group room accordion doors, as indicated on plan, with high performing acoustic accordion doors.

01 3000.0 ADMINISTRATION REQUIREMENTS

1. Provide Proof of insurance to the CM prior to construction. Insurance needs to stay valid through final payment of the project. "DESCRIPTION OF OPERATIONS/LOCATIONS/VEHICLES" box must be filled out specifically for this project.
2. Provide all Performance, Labor, and Material Bonds as required for this project.
 - a. This Bond should cover 100% of the cost of the contract.

01 3000.1 SUBMITTALS

1. All Submittals from the sub-contractors shall be sent to the CM for initial review. The CM will upload to Procore for distribution and review by the Architect.

01 3113 INSURANCE REQUIREMENTS

1. Indemnification and Subcontractor's Liability
 - a. Subcontractor hereby assumes the entire responsibility and liability for all Work, supervision, labor and materials provided under any Work Order issued pursuant to this Subcontract, whether or not erected in place and for all plant, scaffolding, tools, equipment, supplies and other things provided by Subcontractor until final acceptance of the entirety of the Work by Owner. In the event of any loss, damage or destruction thereof from any cause of the Work as a result of the acts or omissions of Subcontractor, its employees, sub-subcontractors, suppliers or agents of any type, Subcontractor shall be liable therefor, and shall repair, rebuild and make good said loss, damage or destruction at Subcontractor's cost, Subcontractor shall be liable therefor, and shall repair, rebuild and make good said loss, damage or destruction at Subcontractor's cost, subject only to the extent that any net proceeds are payable under any builder's risk property insurance that may be maintained by Owner or Construction Manager, if any.
 - b. Subcontractor shall be liable to Construction Manager for all costs Construction Manager incurs as a result of any failure of Subcontractor, or any of its suppliers, vendors or subcontractors of any tier, to fully and properly perform their obligations and duties with respect to the Work.
 - c. To the fullest extent permitted by law, the Subcontractor shall indemnify, defend, and hold harmless the Construction Manager, Owner and their respective officers, directors, employees and agents ("Indemnified Parties") from and against all claims, damages, demands, losses, expenses, fines, causes of action, suits or other liabilities, (including all

costs reasonable attorneys' fees, consequential damages, and punitive damages), arising out of or resulting from, or alleged to arise out of or arise from, the performance of Subcontractor's Work under the Subcontract, and any Work Order whether such claim, damage, demand, loss or expense is attributable to bodily injury, personal injury, sickness, disease or death, or to injury to or destruction of tangible property, including the loss of use resulting therefrom; but only to the extent attributable to the negligence of the Subcontractor or any entity for which it is legally responsible or vicariously liable: regardless of whether the claim is presented by an employee of Subcontractor. The indemnity obligations referenced herein shall not be construed to negate, abridge or otherwise limit any other obligations of the Subcontractor or rights of Construction Manager hereunder. This indemnification shall not be limited in any way by any limitation on the amount or type of damages, compensation or benefits payable by or for the Subcontractor under any workers' compensation act, disability benefits acts or other employee benefits act and includes any loss or injury suffered by an employee of the subcontractor. This indemnification shall be in addition to any indemnity liability imposed by the Contract Documents, and shall survive the completion of the Work or the termination of the Subcontract.

- d. To the fullest extent permitted by law, the Subcontractor shall also indemnify, defend, and hold harmless the Indemnified Parties from and against all claims, damages, demands, losses, expenses, fines, causes of action, suits or other liabilities, (including all costs reasonable attorneys' fees, consequential damages, and punitive damages), arising out of or resulting from, or alleged to arise out of, the failure of Subcontractor, or any of its suppliers or subcontractors of any tier, to compensate any of its employees or independent contractors in accordance with any applicable federal, state or local law regarding the payment of wages. Subcontractor's assumption of liability is independent from, and not limited in any manner by, the Subcontractor's insurance coverage obtained pursuant to Article 5 or otherwise.

2. Subcontractor's Insurance

Prior to commencing the Work, Subcontractor shall procure, and thereafter maintain, at its own expense, until final acceptance of the Work or later as required by the terms of the Subcontract or any individual Work Order, insurance coverage required by this Subcontract. At a minimum, and subject to modification in individual Work Orders, the types of insurance and minimum policy limits specified shall be maintained in a form and from insurers acceptable to Construction Manager as set forth below. All insurers shall have at least an A- (excellent) rating by A.M. Best and be qualified to do business in the state where the project is located.

This insurance will provide a defense and indemnify the Construction Manager, but only with respect to liability for bodily injury, property damage and personal and advertising injury caused in whole or in part by the Subcontractor's acts or omissions or the acts or omissions of those acting on the Subcontractor's behalf.

Proof of this insurance shall be provided to the Construction Manager before the Work commences, as set forth below. To the extent that the Subcontractor subcontracts with any other entity or individual to perform all or part of the Subcontractor's Work, the Subcontractor shall require the other Sub-Subcontractors to furnish evidence of equivalent insurance coverage, in all respects, Terms and conditions as set forth herein, prior to the commencement of work by the Sub-Subcontractor. In no event shall the failure to provide this proof, prior to the commencement of the Work, be deemed a waiver by the Construction Manager of Subcontractor's or the Sub-Subcontractor's insurance obligations set forth herein.

In the event that the insurance company(ies) issuing the policy(ies) required by this exhibit deny coverage to the Construction Manager, the Subcontractor or the Sub-Subcontractor will, upon demand by the Construction Manager, defend and indemnify the Construction Manager at the Subcontractor or Sub-Subcontractor's expense.

Commercial General Liability Insurance

\$1,000,000 Each Occurrence Limit (Bodily Injury and Property Damage)

\$2,000,000 General Aggregate per Project

\$2,000,000 Products & Completed Operations Aggregate

\$1,000,000 Personal and Advertising Injury Limit

Business or Commercial Automobile Liability Insurance

\$1,000,000 combined single limit per accident

Workers' Compensation and Employers' Liability Insurance

\$100,000 Each Accident; \$100,000 Each Employee for Injury by Disease; \$500,000 Aggregate for Injury by Disease

Excess or Umbrella Liability

\$1,000,000 Occurrence /aggregate

The Construction Manager's Commercial General Liability policy shall not contain an exclusion or restriction of coverage for the following:

- a. Claims by one insured against another insured, if the exclusion or restriction is based solely on the fact that the claimant is an insured, and there would otherwise be coverage for the claim.
- b. Claims for property damage to the Construction Managers's Work arising out of the products-completed operations hazard where the damaged Work or the Work out of which the damage arises was performed by a Subcontractor.
- c. Claims for bodily injury other than to employees of the insured.
- d. Claims for indemnity under Article 4 Indemnification arising out of injury to employees of the insured.
- e. Claims or loss excluded under a prior work endorsement or other similar exclusionary language.

- f. Claims or loss due to physical damage under a prior injury endorsement or similar exclusionary language.
- g. Claims related to residential, multi-family, or other habitational projects, if the Work is to be performed on such a project.
- h. Claims related to roofing, if the Work involves roofing.
- i. Claims related to exterior insulation finish systems (EIFS), synthetic stucco or similar exterior coatings or surfaces, if the Work involves such coatings or surfaces.
- j. Claims related to earth subsidence or movement, where the Work involves such hazards.
- k. Claims related to explosion, collapse and underground hazards, where the Work involves such hazards.

3. Additional Insured

The Construction Manager and Owner, along with their respective officers, agents and employees, shall be named as additional insureds for Ongoing Operations and Products/Completed Operations on the Subcontractor's and any Sub-Subcontractor's Commercial General Liability Policy and Excess or Umbrella Policy, all of which must be primary and noncontributory with respect to these additional insureds. The Subcontractor shall continue to carry Completed Operations Liability Insurance for at least the length of the Statute of Repose in the state where the subject work is performed after either ninety (90) days following Substantial Completion of the Work or final payment to the Construction Manager on any individual Project, whichever is later.

The Construction Manager and Owner, along with their respective officers, agents and employees shall be named as additional Insureds on the Business or Commercial Automobile Liability Policy, which must be primary and noncontributory with respect to these additional insureds. It is expressly understood by the parties to this Subcontract that it is the intent of the Parties that any insurance obtained by the Construction Manager is deemed excess, Non-contributory and not co-primary in relation to the coverage(s) procured by the Subcontractor, the Sub-Subcontractor or any of their respective consultants, officers, agents, subcontractors, employees or anyone directly or indirectly employed by any of them, or by anyone for whose acts any of the aforementioned may be liable by operation of statute, government regulation or applicable case law. To the fullest extent permitted by applicable state law, a Waiver of Subrogation Clause shall be added to the General Liability, Automobile, Excess or Umbrella and Workers Compensation policies in favor of Construction Manager and Owner, and this clause shall apply to the Construction Manager's and Owner's officers, agents and employees, with respect to all Projects during the policy term.

Prior to commencement of Work on any individual Project, Subcontractor shall submit a Certificate of insurance in favor of Construction Manager and Additional Insured Endorsement (in a form acceptable to the Construction Manager) as required hereunder. The Subcontractor's Insurance policies shall provide for thirty (30) days' written notice to Construction Manager for cancellation or any change in coverage and be evidenced by the Certificate of Insurance. Copies of insurance policies shall promptly be made available to the Construction Manager upon request.

1. All contractors are expected to perform work that meets or exceeds industry standards.
2. All contractors are responsible for any subcontractor performing work under their contract.
 - a. This includes site foreman to maintain quality work.
 - b. All insurances required to perform work under this contract.
3. All testing will be paid for by the Owner.
 - a. In the event that the testing fails, it will be the contractor's responsibility to pay for any re-testing until the test passes industry standards.
4. All testing will need to be scheduled and coordinated with the CM.
5. In the event of re-testing existing soils due to failure, the re-testing will be paid for by the owner.

01 4100.0 REGULATORY REQUIREMENTS

1. Contractors are responsible for applying any/all permits required by State and Local officials to do work in the State of Michigan.
 - a. This cost for all permits shall be the responsibility of the contractor.
 - b. The CM will apply and provide a General Building Permit from the State of Michigan.
 - c. Each Location will be permitted separately.
 - d. Permits will be filed with the State of Michigan.
2. All Work must pass inspections to be considered complete.
 - a. Any rework needed will be the responsibility of the contractor.
3. It will be the responsibility of the Contractor to schedule inspections.
 - a. This shall be coordinated with the CM.

01 5000.0 TEMPORARY FACILITIES AND CONTROLS

1. The CM will provide dumpsters for regular construction trash.
 - a. All Masonry, bricks, CMU, and broken concrete will be disposed of in a separate dumpster.
2. The CM will provide jobsite toilets.
3. The CM will provide Construction Fencing needed to maintain safety regulations.

01 5100.0 TEMPORARY UTILITIES

1. Owner will supply water and electricity for construction.
 - a. The Electrical Contractor will be responsible for providing temporary electricity at the project sites.

01 5713.0 TEMPORARY EROSION AND SEDIMENT CONTROL

1. It will be the responsibility of the Earth work contractor to provide any erosion and sediment control. It will also be their responsibility to provide all permits for this application.

01 7700.0 CLOSEOUT PROCEDURES

1. It shall be the responsibility of the contractor to provide (3) sets of Close Out documents for this project.
 - a. Close Out documents shall contain, but is not limited to:
 - i. Warranty

- ii. Owner's Manual on all material and products provided for this project
 - iii. Contact information as necessary
 - iv. As-builts for all work
 - 1. This shall be coordinated through the CM
- 2. Final payment will not be made until all close out documents have been received and reviewed by the CM.

