

ADDENDUM NO. 1

March 1, 2024

VALPARAISO MULTI-SCHOOL ASPHALT AND ROOFING PROJECT

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 February 12, 2024 by Gibraltar Design. 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 Page ADD 1-1 through ADD 1-2 and attached Addendum No. 1 from Gibraltar Design dated March 1, 2024 and consisting of 2 pages, Specification Section 02 41 30 – Minor Demolition for Remodeling, and Specification Section 32 13 80 – Exterior Concrete and Site Equipment.

A. SPECIFICATION SECTION 00 00 20 – TABLE OF CONTENTS

1. ADD:

Specification Section 02 41 30 – Minor Demolition for Remodeling
Specification Section 32 13 80 – Exterior Concrete and Site Equipment

B. SPECIFICATION SECTION 01 12 00 - MULTIPLE CONTRACT SUMMARY

A. BID CATEGORY NO. 1 - ASPHALT

1. **ADD:**

Specification Section 32 13 80 – Exterior Concrete and Site Equipment

B. BID CATEGORY NO. 2 - ROOFING

2. **ADD:**

Specification Section 02 41 30 – Minor Demolition for Remodeling

ADDENDUM ONE

Addendum One (AD.01) to the drawings and specifications prepared by Gibraltar Design and The Skillman Corporation for **Valparaiso Multi-School Asphalt and Roofing Project** for Valparaiso School Corporation, Valparaiso, Indiana.

All Contractors bidding on this project shall read all of the items covered below and shall comply with all of the requirements as set forth, including any necessary refinements or additions generated by this Addendum and required by the intent of the original Bid Documents. All Contractors shall acknowledge on their bid form that they have received this Addendum and include the appropriate content of same within their bid proposal.

SPECIFICATIONS

1. **Section 00 01 10** **Table of Contents**
 - A. Add Specification Section 02 41 30, Minor Demolition for Remodeling.
2. **Section 02 41 30** **Minor Demolition for Remodeling**
 - A. Add new Specification Section 02 41 30, Minor Demolition for Remodeling, included in this Addendum to the Project Manual.
3. **Section 07 31 00** **Shingle Roofing**
 - A. Revise Paragraph 3.6.A. to read: "A. Place shingles in straight coursing pattern with manufacturers recommended weather exposure depth in order to produce double thickness over the entire roof area."
4. **Section 07 41 13** **Metal Shingle Roofing**
 - A. Revise Paragraph 2.5.A. to read: "A. Place **fully adhered** EPDM sheet, 0.045 inch thick, as manufactured by Carlisle SynTec Systems, Carlisle, Pennsylvania, or Elevate Roofing, Lining, and Wall Systems, Nashville, Tennessee, over entire existing plywood substrate. area."
5. **Section 07 53 23** **Roof insulation and Membrane Roofing - EPDM**
 - A. Revise Paragraph 2.1.B. reference of color from Black to White, with the exception of one small area designated at Hayes Leonard School, which is required to be black.
6. **Section 32 13 80** **Exterior Concrete and Site Equipment**
 - A. Add new Specification Section 32 13 80, Exterior Concrete and Site Equipment, included in this Addendum to the Project Manual.

DRAWINGS

7. **Sheet A-201**
 - A. Roof Type B Note, please delete the reference to 30% of Roof, Skillman is to define the additional plywood decking if needed.
 - B. Clarification: the curve shaped roof – please utilize black membrane EPDM Roofing at that location.



- C. Clarification: The low-sloped upper roof of the west roof, above the sloped asphalt shingle roof, is to be a deactivated modified bituminous roof and then follow the scope delineated in the Drawing.

8. Sheets A-210

- A. Roof Type A Note, please delete the reference to 30% of Roof, Skillman is to define the additional plywood decking if needed.

Page 1 and 2, and No Drawings constitute the total makeup of **Addendum One**.

**GIBRALTAR**

DESIGN

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SECTION 02 41 30

MINOR DEMOLITION FOR REMODELING

1 General

1.1 Section Includes

- A. Remove designated building components.

1.2 Related Sections

- A. Division 1 - Administrative Provisions: Owner occupancy Work sequence.
- B. Division 1 - Temporary Facilities and Controls: Temporary barriers and enclosures, and security.
- C. Division 1 - Construction Cleaning.
- D. Division 1 - Contract Closeout: Project record documents.
- E. Section 02 41 20 – Removals: Site demolition related to selective demolition.

1.3 Quality Assurance

- A. Submit demolition and removal procedures and schedule.

1.4 Existing Conditions

- A. Conduct demolition to minimize interference with adjacent building areas. Maintain protected egress and access at all times.
- B. Provide, erect, and maintain temporary barriers and security devices.

2 Products

Not Used.

3 Execution

3.1 Preparation

- A. Erect and maintain weatherproof closures for exterior openings as specified in Division 1.
- B. Take all precautions necessary to ensure the safety of personnel and property during the demolition and remodeling program.
- C. Give written notice to the Architect/Construction Manager of both the time and method to be used prior to undertaking any demolition work in the field.
- D. Comply with all provisions of all state and local codes and ordinances.
- E. Protect all existing or new structures from damage of any kind during the completion of this portion of the contract.

- F. Provide shoring, sheeting, bracing, and all or any necessary items as required for the safety of the structure.
- G. Protect all utility lines and fiber optic lines encountered during the demolition operations.
 - 1. In case interruption of service becomes necessary, notify the interested parties and the Architect/Construction Manager.

3.2 Execution

- A. Remove and take possession of all building materials, rubbish, debris, and any or all portions of the buildings to be demolished, except as noted otherwise in these specifications or on Drawings.
 - 1. Dispose of removed materials off-site at this Contractor's expense.
- B. Include removal of all anchors, mastic, and fastening devices.
- C. Demolish in an orderly and careful manner.
- D. Protect existing construction to remain.
- E. Remove and promptly dispose of contaminated, vermin infested, or dangerous materials encountered.
- F. Do not burn or bury materials on site.
- G. Remove demolished materials from site as work progresses.
- H. Upon completion of work, leave areas of work in clean condition.
- I. Remove all obstructions to new construction unless specifically noted to remain.
- J. Existing Materials:
 - 1. The Owner reserves the right to salvage any materials or items prior to the beginning of demolition.
 - 2. Do not reuse any item of material that is taken down, unless specifically noted to be reused.
 - 3. Accomplish all remodeling or new work with new materials, unless specifically noted otherwise.
 - 4. Make any repairs that may be required to existing areas where new work is being carried on.

- K. Stone Ballast: Remove all existing stone ballast on roof complete.
- L. Existing Membrane Roof System: Remove all existing roof membrane complete in addition to cover boards, prepare insulation system to receive new cover board.
- M. Existing Asphalt Shingle Roofing: Remove all existing asphalt shingles and underlayment down to plywood substrate, complete.
 - 1. Remove all miscellaneous materials such as flashing, trims, and fasteners.
 - 2. Leave metal trims around edges and gutters intact.
 - 3. Locations: Flint Lake ES and Hayes Leonard School.

END OF SECTION

SECTION 32 13 80

EXTERIOR CONCRETE AND SITE EQUIPMENT

1 General

1.1 Section Includes

- A. Cast in place concrete walkways and curbs.

1.2 Related Sections

- A. Section 31 20 00 - Earthwork.
- B. Section 32 13 13 - Portland Cement Concrete Paving: For sidewalks and pavements.

1.3 Submittals

- A. Shop drawings and product data for signs.
- B. Submit proposed mix design of each class of concrete to Architect/Engineer for review prior to commencement of work.

1.4 Tests

- A. Testing and analysis will be performed under provisions of Division 1.

2 Products

2.1 Concrete Materials

- A. Cement: ASTM C150 Normal Type I Air-Entraining Type IA Air-Entraining Type IIA Air-Entraining Type IIIA Portland type, gray color.
- B. Fly Ash: ASTM C618, Type C.
- C. Fine and Coarse Aggregates: ASTM C33.
- D. Water: Potable.

2.2 Form Materials

- A. Conform to ACI 301.
- B. Wood or steel form material, profiled to suit conditions.

2.3 Concrete Mix

- A. General: Design mix for the least amount of water consistent with workability and finishing requirements.
- B. Mix concrete in accordance with ASTM C94.

C. Mix Proportions:

1. For concrete mixes not containing fly ash, the minimum cement content per cubic yard of concrete shall be as follows.
 - a. 6 bags (564 pounds) for 4000 psi concrete.
2. Proportion the fine aggregate between a minimum of 35 percent and a maximum of 45 percent of the total aggregate weight and utilizing the maximum amount of coarse aggregate within the limits that is consistent with the desired workability.
3. Coarse Aggregate: Crushed limestone.
4. Air Content: 4.5 percent - 7.5 percent
5. Maximum Water/Cementitious Material Ratio (W/C): 0.45.
6. 28 Day Compressive Strength: 4000 psi.
7. For mixes using fly ash, a maximum of 15 percent by weight of the cementitious material may be fly ash.

3 Execution

3.1 Examination

- A. Verify that excavation base is ready to receive work, and excavations, dimensions, and elevations are as indicated on shop drawings Drawings.
- B. Beginning of installation means acceptance of existing conditions.

3.2 Preparation

- A. Hand trim excavations to required elevations.
 1. Correct over excavation with fill material of fine coarse aggregate lean concrete.
- B. Remove large stones or other hard matter which could impede consistent backfilling or compaction.

3.3 Forming

- A. Place and secure forms to correct location, dimension, and profile.
- B. Assemble formwork to permit easy stripping and dismantling without damaging concrete.
- C. Place joint fillers vertical in position, in straight lines.
 1. Secure to formwork during concrete placement.

3.4 Placing Concrete

- A. Place concrete in accordance with ACI 301.
- B. Hot Weather Placement: ACI 301.
- C. Cold Weather Placement: ACI 301.
- D. Ensure reinforcement, inserts, embedded parts, and formed joints are not disturbed during concrete placement.

3.5 Field Quality Control

- A. Field inspection and testing will be performed under provisions of Division 1.

3.6 Concrete Protection

- A. Immediately after placement, protect concrete under provisions of Division 1 from premature drying, excessive hot or cold temperatures, and mechanical injury.

END OF SECTION

