ADDENDUM NO. 6

May 3, 2021

HANOVER CENTRAL HIGH SCHOOL ADDITIONS AND RENOVATIONS
Cedar Lake, IN 46303

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 March 29, 2021 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 Pages ADD 6-1 and attached Addendum No. 6 from Gibraltar Design dated May 3, 2021 and consisting of 1 page and Specification Section 07 42 13 - Formed Metal Wall Panels.

A. SPECIFICATION SECTION 00 00 20 - TABLE OF CONTENTS

1. **Add:**

   Specification Section 07 42 13 - Formed Metal Wall Panels.

B. SPECIFICATION SECTION 01 12 00 - MULTIPLE CONTRACT SUMMARY

1. **BID CATEGORY NO. 3 - ROOFING**

   a. **Add:**

      Specification Section 07 42 13 - Formed Metal Wall Panels

ADDENDUM SIX

Addendum Six (AD.06) to the drawings and specifications prepared by Gibraltar Design and The Skillman Corporation for **Hanover High School Addition and Renovations** for Hanover Community School Corporation, Cedar Lake, 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 contract documents. All Contractors shall acknowledge on their bid form that they have received this Addendum, Addendum One, Addendum Two, Addendum Three and Addendum Four, and include the appropriate content of same within their bid proposal.

SPECIFICATIONS

1. Specification Section 00 01 00 Table of Contents

A. Add Specification Section 07 42 13, Formed Metal Wall Panels, to the table of contents.

2. Specification Section 07 42 13 Formed Metal Wall Panels

A. Add Specification Section 07 42 13, Formed Metal Wall Panels, included in this Addendum, to the Project Manual.

Pages 1 through 1, inclusive, and Specification Section 07 42 13, Formed Metal Wall Panels, constitutes the total makeup of **Addendum Six**.

GIBRALTAR DESIGN

Y:\20-144 Hanover CSC - High School Addition and Renovations\Specs\Addendum Five\AD06.doc

SECTION 07 42 13
FORMED METAL WALL PANELS

1 General

1.1 Section Includes

A. Field assembled preformed metal wall panels with concealed fasteners, lap seam system, with related flashings and accessory components.

1.2 Related Sections

A. Section 05 40 00 – Cold Formed Metal Framing: Stud framing support.

B. Section 05 50 00 - Miscellaneous Metals: Steel girts and steel supports.

C. Section 07 41 13 - Aluminum Metal Roofing.

D. Section 07 42 44 – Composite Metal Panels.

E. Section 07 62 00 - Sheet Metal Flashing: Roof Flashing.

F. Section 07 71 19 - Aluminum Fascias, Copings, Gutters, and Downspouts.

1.3 Performance

A. Preformed metal panel system to withstand code imposed design loads in accordance with ASTM E72.

1. Maximum Allowable Deflection of Span: 1/180.

2. Design Uniform Wind Load: In accordance with requirements of Indiana Building Code applicable codes.

B. System to accommodate movement of components without buckling, failure of joint seals, undue stress on fasteners, or other detrimental effects, when subject to seasonal temperature ranges.

C. System to accommodate tolerances of structure.

D. Provide positive drainage to exterior for moisture entering or condensation occurring within panel system.

1.4 Submittals

A. Submit shop drawings and product data under provisions of Division 1.

B. Indicate materials, dimensions, panel layout, construction details, method of anchorage, method of installation, and closures.

C. Submit manufacturer's available color samples for selection under provisions of Division 1.

D. Submit manufacturer's installation instructions under provisions of Division 1.

1.5 Delivery, Storage, And Handling

A. Handle all materials carefully to avoid damage to surface coatings.

B. Protect materials from traffic, dirt, and stains.

C. Cover materials at job site until installed.

1.6 Warranty

A. Provide ten (10) year warranty on finish against failures due to noticeable checking, peeling, blistering, and chalking.

2 Products

2.1 Field Assembled Formed Metal Panel Siding - Acceptable Manufacturers

A. Factory Formed, Concealed-Fasterner, Lap-Seam Metal Wall Panel System, includes all accessories and trim to provide a complete system.

B. ATAS International, Inc., Allentown, Pennsylvania.

C. Centria, Pittsburgh, Pennsylvania.

D. MBCI, Shelbyville, Indiana.

2.2 Sheet Materials

A. Aluminum Sheet: Coil-coated sheet, ASTM B 209, alloy as standard with manufacturer, with temper as required to suit forming operations and structural performance required.

1. Thickness: 0.040-inch.

2. Surface: Smooth, Flat Finish.

3. Exterior Finish and Color: Two-coat Fluoropolymer, Mica Fluoropolymer, or Metallic Fluoropolymer as selected by Architect from all of the color options in these finishes.

4. Panel Size: 12-inch

5. Panel Height: 1-inch.

2.3 Materials

A. Ventilated Rain Screen Attachment System: Provide components required for a complete anchorage assembly including all accessories to sufficiently anchor the composite metal panels to the wall system.

1. Basis of Design System: MFI-System as manufactured by Knight Wall Systems, or approved equal.

    a. Anchorage into wall framing system – refer to Drawings.

B. Sealants and Gaskets: Manufacturer's standard type suitable for use with installation of metal panel system; non-staining; non-shrinking and non-sagging; ultra-violet and ozone resistant for exterior applications; color as selected.

C. Fasteners: Manufacturer's standard concealed type to suit application; galvanized in accordance with ASTM A153 with 1.25 ounces per square foot coating.

D. Flashing, Back Plates, Cloaures, and Trims: Manufacturers standard flashing and trims to suit application and details.

E. Touch-up Paint: As recommended by panel manufacturer.

F. Bituminous Paint: As recommended by panel manufacturer.

2.4 Fabrication

A. Exterior Wall Panels: Fabricate and finish metal panels and accessories at the factory, by manufacturer's standard procedures and processes, as necessary to fulfill indicated performance requirements demonstrated by laboratory testing. Comply with indicated profiles and with dimensional and structural requirements.

B. Internal and External Corners: Same material, thickness, and finish as metal panels; profile to suit system; shop cut and factory mitered to required angles.

C. Trim, Closure Pieces, Fascias, and Caps: Same material, thickness, and where exposed, of same finish as sheet stock; brake formed to required profiles.

D. Fabricate panels in lengths to minimize vertical seam/joints.

E. Fabrication of component profiles on site not permitted.

2.5 Finish

A. Exposed Surfaces: Refer to Panel System above.

3 Execution

3.1 Inspection

A. Beginning of installation means acceptance of existing conditions.

3.2 Installation

A. Install metal panel system on walls in accordance with manufacturer's instructions.

B. Protect panel surfaces in contact with cementitious materials and dissimilar metals with bituminous paint.

1. Allow to dry prior to installation.

C. Remove site cuttings from finish surfaces.

D. Permanently fasten panel system to structural supports; align, level, and plumb, within specified tolerances.

E. Locate panel joints over supports.

1. End lap panels minimum 2 inches, or as recommended by the manufacturer.

F. Use concealed fasteners unless otherwise approved by the Architect.

G. Seal and place gaskets to prevent weather penetration and to make installation air tight.

1. Maintain neat appearance.

H. Clean all surfaces immediately after erection.

3.3 Tolerances

A. Maximum Offset From True Alignment Between Adjacent Members Butting or In Line: 1/16 inch.

B. Maximum Variation from Plane or Location Indicated on Drawings: 1/8 inch.

END OF SECTION