POST BID
ADDENDUM
NO. 4

March 7, 2025

Oak Hill Jr. High Roof Replacement and Oak Hill High School MEP Upgrade
Jr. High - 7760 W. Delphi Park – 27
High Sch. - 7756 W. Delphi Park – 27
Converse, IN 46919

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 November 8, 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 Pages ADD 1-1, And Gibraltar Design Addendum No. 4 dated March 7, 2025, consisting of one (1) Page, and Revised Specification Section 09 96 00 High Performance Coatings.

ADDENDUM FOUR

Addendum Four (AD.04) to the drawings and specifications prepared by Gibraltar Design for **Oak Hill Jr. High School Roof Replacement and Oak Hill High School Pool Equipment Replacement** for Oak Hill United School Corporation, Converse, Indiana.

All Contractors bidding on this project shall read all the items covered below and shall comply with all 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, and Addendum One, Two, and Three, and include the appropriate content of same within their bid proposal.

SPECIFICATIONS

1. **Specification Section 09 96 00 High Performance Coatings**
   A. Replaces Specification Section 09 96 00, High Performance Coatings, included in this Addendum, in its entirety.

Page 1 inclusive, and One (1) Specification Section 09 96 00, constitutes the total makeup of **Addendum Four**.

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SECTION 09 96 00
HIGH PERFORMANCE COATINGS

1 General

1.1 Summary

A. This Section includes surface preparation and field application of interior polyamide epoxy coating system for surfaces in the pool area as indicated or scheduled.

1. Locations: Pool Area, including structural steel, masonry walls, and metal ductwork, refer to drawings for additional conditions.

1.2 References

A. SSPC-SP-1 - Solvent Cleaning.

B. SSPC-SP-2 - Hand Tool Cleaning.

C. SSPC-SP-3 - Power Tool Cleaning.

D. ASTM D 1540-61 – Resistance to Chemicals and cleaning Agents.

E. ASTM D 2247-64T – Humidity Resistance.

F. ASTM D 2794-69 – Impact Resistance.

G. ASTM E 84-77/E 84-75 – Surface Burning Characteristics.

H. ASTM D 870 – Potable Water Immersion.

I. Galvanic Protection, Optimum Potential – 850 Millivolts.

1.3 Submittals

A. Product Data: For each coating system indicated. Include block fillers, primers and finish coats.

1. Provide physical properties of each product to be used on the project, including the following.

a. Weight per gallon.

b. Solids by weight.

c. Solids by volume.

d. VOC content as supplied.

B. Submit one paint color sample of each color to be used as indicated in Division 09 Section "Color Schedule."

1. Where color is not specified, submit samples under provisions of Division 1.

C. Schedule of surfaces and products, applicable to project.

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

1.4 Quality Assurance

A. Applicator Qualifications: Engage an applicator with minimum 10 years experience, who has successfully completed high performance coating system applications similar in material and extent to those indicated for this Project with a record of successful in-service performance.

B. Source Limitations: Obtain high performance coatings through one source from a single manufacturer for each product indicated.

C. Preinstallation Conference: Conduct conference at Project site to comply with requirements in Division 1 Section "Project Meetings." Review methods and procedures related to High Performance Coatings including, but not limited to, the following:

1. Inspect and discuss job conditions and preparatory work required.

2. Review and finalize construction schedule and verify availability of materials, applicators personnel, and equipment needed to make progress and avoid delays.

1.5 Field Samples

A. Provide field sample panel of each color selected, 4 feet long by 4 feet wide, illustrating color, texture, and finish.

B. Locate where directed.

C. Accepted samples may remain as part of the work at the discretion of the Architect.

1.6 Delivery, Storage, and Handling

A. Deliver products to site under provisions of Division 1.

B. Store and protect products under provisions of Division 1.

C. Deliver products to site in sealed and labeled containers, inspect to verify acceptance.

D. Container labeling to include manufacturer's name, type of paint, brand name, brand code, coverage, surface preparation, drying time, cleanup, color designation, and instructions for mixing and reducing.

E. Store paint materials at minimum ambient temperature of 50 degrees F and a maximum of 75 degrees F, in well ventilated area, unless otherwise indicated in manufacturer's instructions.

F. Take precautionary measures to prevent fire hazards and spontaneous combustion.

1.7 Environmental Requirements

A. Apply coatings only when temperature of surfaces to be coated and surrounding air temperatures are between 50 and 80 degrees F, unless otherwise indicated in manufacturer's written installation instructions.

2 Products

2.1 High Performance Coatings - Acceptable Manufacturers

A. Benjamin Moore & Company, Montvale, New Jersey (Moore).

B. Carboline Company, St. Louis, Missouri.

C. PPG Industries, Inc., Pittsburgh, Pennsylvania.

D. The Sherwin-Williams Company, Cleveland, Ohio (S-W).

E. Tnemec Company, Inc, Kansas City, Missouri.

2.2 Materials, General

A. Material Compatibility: Provide block fillers, primers and finish coat materials that are compatible with one another and substrates indicated under conditions of service and application, as demonstrated by manufacturer based on testing and field experience.

B. Material Quality: Provide manufacturer's highest grade of coatings specified. Materials not displaying manufacturer's product identification are not acceptable.

2.3 Colors

A. Colors: As indicated in the Finish Legend on Sheet A-901.

2.4 Interior High Performance Coating Systems

A. Concrete Masonry Units:

1. Severe Environment (Semigloss Finish): One finish coat over an intermediate coat and a block filler.

2. Basis-of-Design Product:

a. Surface Preparation: Pressure Wash walls. The substrate shall be clean, dry and free of all contaminants.

b. Prime/Fill: Sherwin Williams Pro Industrial Heavy Duty Block Filler B42W150 applied at 10.0 mills to totally fill the porosity of the block at failing substrates to create a smooth/void free surface.

c. Intermediate: Shewin Williams Pro Industrial Waterbased Catalyzed Epoxy B73-300 Series applied at 2.0-4.0 mils.

d. Finish: Shewin Williams Pro Industrial Waterbased Catalyzed Epoxy B73-300 Series applied at 2.0-4.0 mils.

B. Structural Steel:

1. Severe Environment (Semigloss Finish): One finish coat over an intermediate coat and a primer.

2. Basis-of-Design Product:

a. Surface Preparation: Power Wash or Air Blast prior to the application of the shop primer.

b. Prime: Sherwin Williams Kem Bond HS Universal Metal Primer applied at 2.0-5.0 mils dry.

c. Intermediate: . Sherwin Williams Epoxy Ester Dry Fall applied at 2.0-4.0 mils dry.

d. Finish: Shewin Williams Epoxy Ester Dry Fall applied at 2.0-4.0 mils.

C. Galvanized and Factory Coated Tectum Deck Supports:

1. Severe Environment (Semigloss Finish): One finish coat over an intermediate coat (Self Primer).

2. Basis-of-Design Product:

a. Surface Preparation: Power Wash or Air Blast prior to the application of the shop primer.

b. Intermediate: Shewin Williams Epoxy Esther Dry Fall applied at 2.0-4.0 mils.

c. Finish: Shewin Williams Epoxy Esther Dry Fall applied at 2.0-4.0 mils.

D. Galvanized/Coated Ductwork Supports:

1. Severe Environment (Semigloss Finish): One finish coat over an intermediate coat and a primer.

2. Basis-of-Design Product:

a. Surface Preparation: Power Wash or Air Blast prior to the application of the shop primer.

b. Prime: Sherwin Williams Kem Bond HS Universal Metal Primer applied at 2.0-5.0 mils dry. (Refer to Structural Roof Deck Specifications.

c. Intermediate: Sherwin Williams Kem Bond HS Universal Metal Primer applied at 2.0-5.0 mils dry.

d. Finish: Sherwin Williams Kem Bond HS Universal Metal Primer applied at 2.0-5.0 mils dry.

E. Aluminum Ductwork:

1. Severe Environment (Semigloss Finish).

2. Basis-of-Design Product:

   a. Surface Preparation (Field): The substrate shall be prepared with Great Lakes Cleaner/Prep by Great Lakes Chemical.

   b. Primer (Field): Shewin Williams Epoxy Ester Dry Fall applied at 2.0-4.0 mils.

   c. Finish (Field): Shewin Williams Epoxy Ester Dry Fall applied at 2.0-4.0 mils.

3 Execution

3.1 Examination

A. Verify that surfaces and substrate conditions are ready to receive work as instructed by the product manufacturer.

B. Contractor is to remove all loose material, remove rust, dirt, dust, corrosion, to greatest degree, treating the remainder with manufacturers recommended pre-treatment or primer.

C. Examine surfaces scheduled to be finished prior to commencement of work.

   1. Report any condition that may potentially affect proper application.

D. Beginning of installation means acceptance of substrate surfaces and existing conditions.

3.2 Preparation - General

A. Provide all scaffolding and staging required for work of this Section.

   1. Coordinate locations to eliminate interference with work of others.

B. Remove hardware, light fixture trim, non-aluminum grilles, and fittings prior to preparing surfaces or finishing.

C. Correct minor defects and clean surfaces which affect work of this Section.

3.3 Surface Preparation

A. Cleaning: Before applying high performance coating system, clean substrates of substances that could impair bond of coatings.

   1. All steel surfaces shall be prepared as required to receive specified coating. Surface preparation shall be as required to meet specifications and/or manufacturer's requirements.

   2. Clean and prepare surfaces to be coated according to manufacturer's written instructions for substrate indicated and as specified.

3.4 Protection

A. Protect elements surrounding the work of this Section from damage or disfiguration.

B. Repair damage to other surfaces caused by work of this Section.

C. Furnish drop cloths, shields, and protective methods to prevent spray or droppings from disfiguring other surfaces.

D. Remove empty paint containers from site.

3.5 Application

A. Apply high performance coating system to all surfaces as indicated on Drawings and as scheduled.

B. Apply products in accordance with manufacturer's instructions.

C. Do not apply finishes to surfaces that are not dry.

D. Apply each coat to uniform finish.

E. Allow applied coat to dry before next coat is applied.

F. Apply paint as recommended by the manufacturer and as approved by the Architect.

G. Minimum Coating Thickness: Apply paint materials no thinner than manufacturer's recommended spreading rate to achieve a wet film thickness as recommended by manufacturer to achieve warranty indicated.

3.6 Cleaning

A. As work proceeds, promptly remove paint where spilled, splashed, or spattered.

B. During progress of work maintain premises free of unnecessary accumulation of tools, equipment, surplus materials, and debris.

C. Collect cotton waste, cloths, and material which may constitute a fire hazard, place in closed metal containers, and remove daily from site.

END OF SECTION