

ADDENDUM NO. 1

July 11, 2024

CROWN POINT HIGH SCHOOL POOL MECHANICAL EQUIPMENT REPLACEMENT PROJECT

**1500 S. Main Street
Crown Point, IN 46307**

TO: ALL BIDDERS OF RECORD

This Addendum forms a part of and modifies the Bidding Requirements, Contract Forms, Contract Conditions, the Specifications dated July 8, 2024. 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 Specification Section 01 10 00 - Summary.

A. SPECIFICATION SECTION 00 20 00 - TABLE OF CONTENTS

1. Add:

Specification Section 01 10 00 - Summary

B. SPECIFICATION SECTION 01 12 00 - MULTIPLE CONTRACT SUMMARY

A. BID CATEGORY NO. 1 - POOL EQUIPMENT

1. Add:

Specification Section 01 10 00 - Summary

SECTION 01 10 00 - SUMMARY

PART 1 - GENERAL

1.1 RELATED DOCUMENTS

- A. Drawings and general provisions of the Contract, including General and Supplementary Conditions and other Division 01 Specification Sections, apply to this Section.

1.2 SUMMARY

- A. Section Includes:
 - 1. Project information.
 - 2. Work covered by Contract Documents.
 - 3. Access to Site.
 - 4. Coordination with occupants.
 - 5. Work restrictions.
 - 6. Specification and Drawing conventions.

1.3 DEFINITIONS

- A. Architect also means Engineer, as applicable to the Project.

1.4 PROJECT INFORMATION

- A. Project Identification: Crown Point High School Pool Renovations.
 - 1. Project Location: 1500 S Main St, Crown Point, IN 46307.
- B. Owner: Crown Point Community School Corporation.
 - 1. Owner's Representative: 1050 S Main St, Crown Point, IN 46307.

1.5 GENERAL REQUIREMENTS

- A. Contractor to provide the scope of work shown in the project plans and specifications and will not be responsible for labor, material, apparatus or drawings not shown or specified.
- B. Reasonable access must be provided to Contractor for tasks included in this proposal.
- C. Contractor expects to sign a fair subcontract such as an AIA form of contract.

1.6 WORK COVERED BY CONTRACT DOCUMENTS

A. The Work of Project is defined by the Contract Documents and consists of the following:

1. Swimming Pool Mechanical Room Renovation and other Work indicated below.
 - a. Demolition and disposal of existing filter system.
 - b. Demolition and disposal of existing filter pump and strainer.
 - c. Demolition and disposal of existing 10" pump suction piping and valves.
 - d. Demolition and disposal of existing filter influent piping and valves.
 - e. Demolition and disposal of existing precoat piping and valves.
 - f. Demolition and disposal of existing pool drain line piping and valve.
 - g. Demolition and disposal of existing pool return piping and valves to 36" AFF.
 - h. Demolition and disposal of existing air compressor.
 - i. Removal and disposal of existing surge tank Bray pneumatic valve.
 - j. Demolition and disposal of existing Danfoss soft start and ABB VFD.
 - k. Demolition and disposal of existing chemical controller.
 - l. Disposal of existing vacuum, pressure gauges and flow meter.

B. Electrical Inclusions:

1. Supply pool filtration pump ABB VFD.
2. Assist with coordination of wiring for pool equipment within mechanical rooms.
3. Electrical interlocking of swimming pool equipment.
4. All conduit, wiring, junction boxes, motor starter and disconnect switches as indicated or required by code for the complete operation of the pool systems.
5. Grounding/bonding of the pool structure(s) and associated pool equipment.

C. Pool Recirculation Equipment Inclusions:

1. Provide the swimming pool Auora recirculation pump.
2. Provide the required concentric/eccentric reducers.
3. Provide the required hair and lint strainer complete with spare basket.
4. Provide the required precoat tee.
5. Provide the required swimming pool Neptune Benson Defender regenerative Media filter system complete with media.
6. Provide the required air compressor.
7. Provide the required BECSys7 chemical controller with total chlorine system.
8. Provide the required vacuum and pressure transducers.
9. Provide the required medium pressure ETS UV system.

10. Provide the required Signet magmeter.
 11. Provide the required vacuum gauges, pressure gauges, and thermometers.
 12. Furnish the required schedule 80 PVC pipe and fitting to complete the installation of the above equipment.
 13. Furnish the required ASAHI valves, foot valve, check valve, and ball valve for a complete operations system.
 14. Furnish a Palintest digital test kit.
- D. Pool Recirculation Equipment Exclusions:
1. Provide the required backwash hub.
 2. Contractor will run the swimming pool backwash line to the drain hub.
 3. Provide any floor drains, hose bibs, water meters, and backflow preventers and or connections to domestic water source.
- E. Pool Mechanical Room Inclusions:
1. Provide the required swimming pool pipe supports.
 2. Provide the required swimming pool equipment ID tags.
 3. Provide the required directional flow arrows.
 4. Provide the required swimming pool valve chart.
- F. Pool Mechanical Room Exclusions:
1. Provide any grating located in the swimming pool mechanical room.
 2. Provide any hoist, I-beams, or trolley systems.
 3. Provide lift stations, pumps, and piping.
- G. Pool Equipment Startup Inclusions:
1. Commissioning of the swimming pool equipment.
 2. Contractor will only commission and start up the swimming pool when all work in the mechanical room and around the pool are 98% complete.
 3. Provide the required O&M manuals.
- H. Pool Equipment Startup Exclusions:
1. Permits and inspections.

- a. Contractor will coordinate final inspections of the swimming pool with the local Health Department.
- 2. Cost of water for filling of swimming pool upon final completion.
- 3. Supply of the required pool chemicals for startup.
- I. Type of Contract:
 - 1. Project will be constructed under a single Contract.

1.7 ACCESS TO SITE

- A. General: Contractor shall have full use of Project site for construction operations during construction period. Contractor's use of Project site is limited only by Owner's right to perform Work or to retain other contractors on portions of Project.
- B. Use of Site: Limit use of Project site to the Pool Mechanical Equipment Room. Do not disturb portions of the Project site beyond areas in which the Work is indicated.
 - 1. Limits: Confine construction operations to Pool Mechanical Equipment Room.
 - 2. Driveways, Walkways and Entrances: Keep driveways loading areas, and entrances serving premises clear and available to Owner, Owner's employees, and emergency vehicles at all times. Do not use these areas for parking or for storage of materials.
 - a. Schedule deliveries to minimize use of driveways and entrances by construction operations.
 - b. Schedule deliveries to minimize space and time requirements for storage of materials and equipment on-site.
- C. Condition of Existing Building: Maintain portions of existing building affected by construction operations in a weathertight condition throughout construction period. Repair damage caused by construction operations.
- D. Condition of Existing Grounds: Maintain portions of existing grounds, landscaping, and hardscaping affected by construction operations throughout construction period. Repair damage caused by construction operations.

1.8 COORDINATION WITH OCCUPANTS

- A. Full Owner Occupancy: Owner will occupy Site and existing building(s) during entire construction period. Cooperate with Owner during construction operations to minimize conflicts and facilitate Owner usage. Perform the Work so as not to interfere with Owner's day-to-day operations. Maintain existing exits unless otherwise indicated.
 - 1. Maintain access to existing walkways, corridors, and other adjacent occupied or used facilities. Do not close or obstruct walkways, corridors, or other occupied or used facilities without written permission from Owner and approval of authorities having jurisdiction.

2. Notify Owner not less than 72 hours in advance of activities that will affect Owner's operations.
- B. Owner Limited Occupancy of Completed Areas of Construction: Owner reserves the right to occupy and to place and install equipment in completed portions of the Work, prior to Substantial Completion of the Work, provided such occupancy does not interfere with completion of the Work. Such placement of equipment and limited occupancy shall not constitute acceptance of the total Work.
1. Construction Manager will prepare a Certificate of Substantial Completion for each specific portion of the Work to be occupied prior to Owner acceptance of the completed Work.
 2. Obtain a Certificate of Occupancy from authorities having jurisdiction before limited Owner occupancy.
 3. Before limited Owner occupancy, mechanical and electrical systems shall be fully operational, and required tests and inspections shall be successfully completed. On occupancy, Owner will operate and maintain mechanical and electrical systems serving occupied portions of Work.
 4. On occupancy, Owner will assume responsibility for maintenance and custodial service for occupied portions of Work.

1.9 TIME OF COMPLETION

- A. Construction may start upon award of project.
- B. Substantial Completion shall be accomplished by **September 26, 2024**.

1.10 WORK RESTRICTIONS

- A. Work Restrictions, General: Comply with restrictions on construction operations.
 1. Comply with limitations on use of public streets and with other requirements of authorities having jurisdiction.
- B. On-Site Work Hours: Limit work in the existing building to normal business working hours of 7 a.m. to 4 p.m., Monday through Friday, unless otherwise indicated.
 1. Weekend Hours: As coordinated with Owner.
 2. Early Morning Hours: As coordinated with Owner.
 3. Hours for Utility Shutdowns: As coordinated with Owner.
 4. Hours for Noisy Activity: As coordinated with Owner.

- C. Existing Utility Interruptions: Do not interrupt utilities serving facilities occupied by Owner or others unless permitted under the following conditions and then only after providing temporary utility services according to requirements indicated:
 - 1. Notify Owner not less than two days in advance of proposed utility interruptions.
 - 2. Obtain Owner's written permission before proceeding with utility interruptions.
 - D. Noise, Vibration, and Odors: Coordinate operations that may result in high levels of noise and vibration, odors, or other disruption to Owner occupancy with Owner.
 - 1. Notify Owner not less than two days in advance of proposed disruptive operations.
 - 2. Obtain Owner's written permission before proceeding with disruptive operations.
 - E. Restricted Substances: Use of tobacco products, including electronic vaping, and other controlled substances within the existing building or on the Project site is not permitted.
 - 1. No alcohol or alcohol consumption, no non-prescription drugs or non-prescription drug consumption, and no weapons are permitted on Owner's property. Violation of these requirements shall be grounds for individual Contractor or subcontractor employee removal from Project site by Owner or Construction Manager.
 - F. Contractor/Student Interaction: Interaction (verbal and physical) between Contractor, subcontractor, and their employees with students or school system employees is not permitted. All communications shall be made through the Owner or the Construction Manager. Violation of this requirement shall be grounds for individual Contractor or subcontractor employee dismissal from Project site by Owner or the Construction Manager. It is expected that Contractor, subcontractors, and their employees shall conduct themselves in a professional manner as determined by the Construction Manager at all times.
 - G. Dress Code: Contractor, subcontractor, and their employees shall adhere to an appropriate dress code as determined by the Construction Manager. No bare torsos or clothing with foul language, liquor or drug messages will be permitted on Site. Shirts with minimum 3 inches length sleeves shall be required.
 - H. Employee Identification: Provide identification tags for Contractor personnel working on Project site. Require personnel to use identification tags at all times.
 - 1. Maintain list of approved screened personnel with Owner's representative.
- 1.11 SPECIFICATION AND DRAWING CONVENTIONS
- A. Specification Content: The Specifications use certain conventions for the style of language and the intended meaning of certain terms, words, and phrases when used in particular situations. These conventions are as follows:

1. Abbreviated Language: Language used in the Specifications and other Contract Documents is abbreviated. Words and meanings shall be interpreted as appropriate. Words implied, but not stated, shall be inferred as the sense requires. Singular words shall be interpreted as plural, and plural words shall be interpreted as singular where applicable as the context of the Contract Documents indicates.
 2. Imperative mood and streamlined language are generally used in the Specifications. The words "shall," "shall be," or "shall comply with," depending on the context, are implied where a colon (:) is used within a sentence or phrase.
 3. Specification requirements are to be performed by Contractor unless specifically stated otherwise.
- B. Division 01 General Requirements: Requirements of Sections in Division 01 apply to the Work of all Sections in the Specifications.
- C. Drawing Coordination: Requirements for materials and products identified on Drawings are described in detail in the Specifications. One or more of the following are used on Drawings to identify materials and products:
1. Terminology: Materials and products are identified by the typical generic terms used in the individual Specifications Sections.
 2. Abbreviations: Materials and products are identified by abbreviations published as part of the U.S. National CAD Standard.
 3. Keynoting: Materials and products are identified by reference keynotes referencing Specification Section numbers found in this Project Manual.

PART 2 - PRODUCTS (Not Used)

PART 3 - EXECUTION (Not Used)

END OF SECTION