



A D D E N D U M

Project No.: 2301111

Project: New Castle HS Restroom Renovation

Addendum No: 1

Date: 03-22-2024

TO: ALL BIDDERS OF RECORD

ADDENDUM NO. 1, to Drawings and Specifications dated 03-13-2024, for the New Castle HS Restroom Renovation for New Castle Community Schools; as prepared by ELEVATUS Architecture, 111 E. Wayne Street, Suite 555, Fort Wayne, IN 46802

This ADDENDUM shall hereby be and become a part of the Contract Documents the same as if originally bound thereto.

The following clarifications, amendments, additions, revisions, changes, and modifications change the original Contract Documents only in the amount and to the extent hereinafter specified and set forth in this ADDENDUM.

Each Bidder shall acknowledge receipt of this ADDENDUM on the Bid Form.

PROJECT MANUAL:

ITEM NO. 1.01 - PROJECT MANUAL, 00 01 10, Table of Contents

- A. Re-issue specification section in its entirety to include specifications changed below.

ITEM NO. 1.02 - PROJECT MANUAL, 00 25 13, Pre-Bid Conference

- B. Re-issue specification section in its entirety with changes below.
- a. Pre-Bid Conference date revised to correctly indicate New Castle Middle School 601 Parkview Dr, New Castle, IN, 47362.

ITEM NO. 1.03 - PROJECT MANUAL, 23 09 93, Sequence of Operations

- A. Re-issue specification section in its entirety with changes below.
- a. Revise Section Number in footer.
 - b. Revise Section Title to eliminate incorrect title and properly format correct title..

Submitted By:

Samuel R. Schaust, AIA

ELEVATUS
ARCHITECTURE

cc: ☐ File:
☐ Owner:
☐ Contractor:
☐ Consultant:
☐ Consultant:

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00 01 10 - TABLE OF CONTENTS

TITLE PAGE

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FACILITY CONSTRUCTION SUBGROUP

00 10 00	Notice to Bidders
00 21 13	Instructions to Bidders
00 25 13	Pre-Bid Conference..... <u>Revised for Addendum #1</u>
00 41 01	Contractor's Bid Form for Public Works
-----	Indiana State Board of Accounts Form 96 (Rev. 2013)
00 43 00	Supplemental Bid Proposal Form
00 43 10	Bidder's Checklist
00 43 15	Escrow Agreement
00 43 25	Substitution Request Form
-----	AIA A101, 2017 Edition, Standard Form of Agreement Between Owner and Contractor
00 50 00	AIA Document A101 Attachment
00 72 00	General Conditions
-----	AIA A201, 2017 Edition, General Conditions of the Contract for Construction
00 73 00	Supplementary Conditions

DIVISIONS 01: GENERAL REQUIREMENTS

01 11 00	Summary of Work
01 21 00	Allowances
01 23 00	Alternates
01 25 00	Substitution Procedures
01 25 13	Substitution Request Form
01 31 13	Project Coordination
01 31 19	Project Meetings
01 33 00	Submittals
01 41 19	Project Work Rules
01 45 00	Quality Control and Testing Laboratory Services
01 50 00	Temporary Facilities
01 56 00	Temporary Protection
01 60 00	Products, Materials, and Equipment
01 70 00	Project Closeout
01 73 29	Cutting and Patching
01 74 13	Construction Cleaning
01 95 00	Indemnification and Release for CAD Information

DIVISION 02: EXISTING CONDITIONS

02 41 13	Selective Demolition
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DIVISION 03: CONCRETE

03 30 10	Concrete Patching
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DIVISION 04: MASONRY

04 05 13	Mortar
04 05 16	Grout
04 05 23	Masonry Accessories
04 22 00	Unit Masonry

DIVISION 05: (NOT USED)

DIVISION 06: WOOD, PLASTICS, AND COMPOSITES

06 10 00	Rough Carpentry
06 41 10	Solid Surfacing Material

DIVISION 07: (NOT USED)

DIVISION 08: OPENINGS

08 11 00	Hollow Metal Doors and Frames
08 31 00	Access Doors and Frames
08 71 00	Door Hardware

DIVISION 09: FINISHES

09 29 00	Gypsum Board
09 30 13	Ceramic Tiling
09 51 13	Acoustical Panel Ceilings
09 65 19	Rubber Wall Base
09 66 17	Thin Set Epoxy Terrazzo
09 91 00	Painting

DIVISION 10: SPECIALTIES

10 21 13.17	Phenolic Toilet Compartments
10 28 13	Toilet Accessories

DIVISIONS 11 – 19: (NOT USED)

DIVISION 20: MECHANICAL

20 05 00	Common Mechanical Work Results
20 05 03	Basic Piping Materials And Methods
20 05 13	Motors For Mechanical Equipment
20 05 23	General Duty Valves
20 05 29	Mechanical Hangers And Supports
20 05 48	Vibration Controls
20 05 53	Mechanical Identification
20 07 00	Mechanical Insulation

DIVISION 21: FIRE PROTECTION

21 10 00	Water Based Fire Suppression Systems
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DIVISION 22: PLUMBING

22 11 16	Domestic Water Piping
22 11 19	Domestic Water Piping Specialties
22 13 16	Sanitary Drain And Vent Piping And Storm Drain Piping
22 13 19	Sanitary And Storm Waste Piping Specialties
22 40 00	Plumbing Fixtures

DIVISION 23: HEATING, VENTILATING AND AIR CONDITIONING

23 05 93	Testing, Adjusting And Balancing
23 09 00	HVAC Instrumentation And Controls
23 09 93	Sequence Of Operations..... <u>Revised for Addendum #1</u>
23 21 13	Hydronic Piping

23 31 13	Metal Ducts
23 33 00	Duct Accessories
23 34 23	Power Ventilators
23 37 13	Diffusers, Registers and Grilles
23 82 39	Cabinet Unit Heaters

DIVISION 24 & 25: (NOT USED)

DIVISION 26: ELECTRICAL

26 00 01	Basic Electrical Requirements
26 00 02	Common Work Results for Electrical
26 00 03	Temporary Light and Power
26 00 06	Electrical Demolition
26 05 26	Grounding and Bonding for Electrical Systems
26 05 29	Hangers and Supports for Electrical Systems
26 05 33	Raceways and Fittings
26 05 34	Surface Metal raceways
26 05 53	Electrical Identification
26 09 23	Occupancy Sensor Lighting Controls
26 21 01	Conductors and Cables
26 24 16	Panelboards
26 27 25	Boxes and Enclosures
26 27 26	Wiring Devices
26 51 00	Lighting Equipment
26 51 13	Luminaire List
26 52 00	Emergency Lighting Equipment

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SECTION 00 25 13 - PRE-BID CONFERENCE

PRE-BID CONFERENCE
for the
New Castle High School RR Renovation
New Castle, IN

There will be a pre-bid conference held on April 5, 2024 @ 10:00am local time, at New Castle ~~Middle School Community School Corporation, 601 Parkview Dr 322-Elliott Avenue~~, New Castle, IN, 47362, Door 17C, consisting of review of the project. At this time the Owner's representatives and Architect will discuss the project requirements and procedures. Contractors are strongly encouraged to attend. Failure to attend does not relieve the bidder from the responsibility to carry out the work in the manner discussed at the conference. This pre-bid conference does not relieve the bidders to the on-site inspection of the project requirements.

Typical Agenda:

1. Introductions:
 - Owners Representative: Adam McDaniel,
 - Project Architect: Emily Hower
 - Project CA Coordinator: Danielle Lackey
 - MEP Engineers: Loftus Engineering
2. Description of Project:
 - Owner Comments
 - Architectural
 - Mechanical/Plumbing
 - Electrical
3. Bid Due Date:
 - Bids will be accepted until the following date and time: 10:00am on April 19, 2024
4. Instructions to Bidders:
 - Review bidding requirements, bonds, bid proposal forms, insurance requirements, etc.
5. Project Requirements:
 - Start Date for the project is: Can start June 3rd, 2024; no later than June 10th, 2024
 - Substantial Completion date for the project is: July, 28, 2024
6. Contract Information:
 - AIA A101 Standard Form of Agreement Between Owner and Contractor
7. Addendum ##:
 - Addendum 01 will be issued on or about March 22, 2024
 - Addendum 02 will be issued on or about April 2, 2024.
 - Final RFI's are due no later than April 15, 2024
 - Addendum 03 will be issued on or about April 16, 2024.

END OF SECTION 00 25 13

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SECTION 230993 - SEQUENCE OF OPERATIONS

SECTION 23-09-00 - HVAC INSTRUMENTATION AND CONTROLS

SECTION 230993 - SEQUENCE OF OPERATIONS

PART 1 - GENERAL

1.1 RELATED DOCUMENTS

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

1.2 SUMMARY

- A. Section includes control sequences for DDC for HVAC systems, subsystems, and equipment.
- B. Related Requirements:
 - 1. Section 230923 "DDC Systems for HVAC" for control equipment.

1.3 DEFINITIONS

- A. Analog Output: Proportional output signal (zero- to 10-V dc, 4 to 20 mA).
- B. Binary Output: On/off output signal or contact closure.
- C. DDC: Direct digital control.
- D. Digital Output: Data output that must be interpreted digitally.

1.4 ACTION SUBMITTALS

- A. Product Data:
 - 1. An instrumentation list for each controlled system. Label each element of the controlled system in table format. Show, in the table element name, type of device, manufacturer, model number, and control device product data sheet number.
 - 2. A complete description of the operation of the control system, including sequences of operation. Include and reference a schematic diagram of the controlled system.
- B. Shop Drawings:
 - 1. Riser diagrams showing control network layout, communication protocol, and wire types.
 - 2. Schematic diagram of each controlled system. Include all control points labeled with point names shown or listed. Show the location of control elements in the system.
 - 3. Wiring diagram for each controlled system. Show all control elements labels. Where a control element is the same as that shown on the control system schematic, label with the same name. Label all terminals.

1.5 CABINET UNIT HEATER CONTROL:

A. Cabinet Unit Heater, Hydronic:

1. Heating coil control valve shall be closed when the fan is off.
2. BAS shall open 2-position, 24 V, N.C. 2-way hot water control valve and cycle fan to maintain space temperature setpoint.
3. Provide separate temperature setpoints for Occupied/Unoccupied schedule. Coordinate schedule with Owner.
4. Generate a low temperature alarm when space temperature drops below 60 degrees F.

B. Minimum required BAS input/output points for supervision and control:

1. BO - Fan Start/Stop
2. BO – Control valve Open/Close
3. AI – Space temperature

1.6 EXHAUST FAN CONTROL (BAS):

A. BAS shall start/stop exhaust fan to run during Occupied Cycle:

1. EF-B211 shall be interlocked with AHU-B033 Occupied Cycle.
2. EF-C123 shall be interlocked with corresponding AHU serving the M wing, Occupied Cycle.
3. EF-F006 shall be interlocked with AHU-F-1 Occupied Cycle.

B. Exhaust dampers:

1. 2-position, N.C. Motorized damper shall open when fan is on and close when fan is off.
2. Dampers and actuators shall be provided with the fan.
3. Damper actuators shall be 24 v.

C. Minimum required BAS input/output points for supervision and control:

1. BO - Fan Start/Stop
2. BI – Fan status

PART 2 - PRODUCTS (Not Applicable)

PART 3 - EXECUTION (Not Applicable)

END OF SECTION 230993