



A D D E N D U M

Project No.: 2501100

Project: New Castle CSC Restroom Facility

Addendum No: 2

Date: 08-07-2025

TO: ALL BIDDERS OF RECORD

ADDENDUM NO. 2, to Drawings and Specifications dated 2025-07-23, for the New Castle CSC Restroom Facility Project 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, 26 21 01, Conductors and Cables

- A. Insert specification section in its entirety

ITEM NO. 1.03 - PROJECT MANUAL, 04 22 00, Unit Masonry

- A. Revise 2.2.B.2.c to read:
c. Face Brick Masonry Type/Manufacturer: as selected by owner. Intent is to match the COLOR of the masonry of the school, not necessarily the manufacturer.

Submitted By:

Cory Miller, AIA

ELEVATUS
ARCHITECTURE

cc: ☐ File: G:\002025\2501108 New Castle CSC Restroom Facility\0800 Bidding\0810 Addenda\Addendum #2\2025-08-07_New Castle CSC Restroom Facility_Addendum #2.docx
☐ Owner:
☐ Contractor:
☐ Consultant:
☐ Consultant:

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PROCUREMENT AND CONTRACTING REQUIREMENTS GROUP
DIVISION 00 BIDDING AND CONTRACTING REQUIREMENTS

		Date of Issue	Issued For
00 10 00	Notice to Bidders	07-23-2025	Bids, Prmt, Cnst.
00 21 13	Instructions to Bidders	07-23-2025	Bids, Prmt, Cnst.
00 25 13	Pre-Bid Conference	07-23-2025	Bids, Prmt, Cnst.
00 41 01	Contractor's Bid Form for Public Work	07-23-2025	Bids, Prmt, Cnst.
-- -- --	Indiana State Board of Accounts Form 96	07-23-2025	Bids, Prmt, Cnst.
00 43 00	Supplemental Bid Proposal Form	08-06-2025	Addendum #1
00 43 10	Bidders Check List	07-23-2025	Bids, Prmt, Cnst.
00 43 15	Escrow Agreement	07-23-2025	Bids, Prmt, Cnst.
-----	AIA A101, 2017 Edition, Standard Form of Agreement Between Owner and Contractor	07-23-2025	Bids, Prmt, Cnst.
00 50 00	AIA Document A101 Attachment	07-23-2025	Bids, Prmt, Cnst.
00 72 00	General Conditions	07-23-2025	Bids, Prmt, Cnst.
-----	AIA A201, 2017 Edition, General Conditions of the Contract for Construction	07-23-2025	Bids, Prmt, Cnst.
00 73 00	Supplementary Conditions	07-23-2025	Bids, Prmt, Cnst.

SPECIFICATIONS GROUP
GENERAL REQUIREMENTS SUBGROUP
DIVISION 01 GENERAL REQUIREMENTS

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01 21 00	Allowances	07-23-2025	Bids, Prmt, Cnst.
01 23 00	Alternates	08-06-2025	Addendum #1
01 25 00	Substitution Procedures	07-23-2025	Bids, Prmt, Cnst.
01 25 13	Substitution Request Form	07-23-2025	Bids, Prmt, Cnst.
01 26 13	Requests for Information (RFI) Procedures	07-23-2025	Bids, Prmt, Cnst.
01 31 13	Project Coordination	07-23-2025	Bids, Prmt, Cnst.
01 31 19	Project Meetings	07-23-2025	Bids, Prmt, Cnst.
01 33 00	Submittals	07-23-2025	Bids, Prmt, Cnst.
01 41 19	Project Work Rules	07-23-2025	Bids, Prmt, Cnst.
01 45 00	Quality Control and Testing Laboratory Services	07-23-2025	Bids, Prmt, Cnst.
01 50 00	Temporary Facilities	07-23-2025	Bids, Prmt, Cnst.
01 56 00	Temporary Protection	07-23-2025	Bids, Prmt, Cnst.
01 60 00	Products, Materials, and Equipment	07-23-2025	Bids, Prmt, Cnst.
01 70 00	Project Closeout	07-23-2025	Bids, Prmt, Cnst.
01 71 23	Field Engineering	07-23-2025	Bids, Prmt, Cnst.
01 73 29	Cutting and Patching	07-23-2025	Bids, Prmt, Cnst.
01 74 13	Construction Cleaning	07-23-2025	Bids, Prmt, Cnst.

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03 35 10	Concrete Floor Sealers	07-23-2025	Bids, Prmt, Cnst.

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04 05 23	Masonry Accessories	07-23-2025	Bids, Prmt, Cnst.
04 22 00	Unit Masonry	08-0-2025	Addendum #2
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06 17 53	Prefabricated Wood Trusses	07-23-2025	Bids, Prmt, Cnst.
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07 31 33	Shingles	07-23-2025	Bids, Prmt, Cnst.
07 42 93	Soffit Panels	07-23-2025	Bids, Prmt, Cnst.
07 46 46	Fiber Cement Board Siding	07-23-2025	Bids, Prmt, Cnst.
07 62 00	Flashing and Sheet Metal	08-06-2025	Addendum #1
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22 13 16	Sanitary Drain and Vent Piping and Storm Drain Piping	07-23-2025	Bids, Prmt, Cnst.
22 13 19	Sanitary and Storm Waste Piping Specialties	07-23-2025	Bids, Prmt, Cnst.
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22 40 00	Plumbing Fixtures	07-23-2025	Bids, Prmt, Cnst.
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23 09 00	HVAC Instrumentation and Controls	07-23-2025	Bids, Prmt, Cnst.
23 09 93	Sequence of Operation	07-23-2025	Bids, Prmt, Cnst.
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23 33 00	Duct Accessories	07-23-2025	Bids, Prmt, Cnst.
23 34 23	Power Ventilators	07-23-2025	Bids, Prmt, Cnst.
23 37 13	Diffusers, Registers and Grilles	07-23-2025	Bids, Prmt, Cnst.
23 37 23	HVAC Gravity Ventilators	07-23-2025	Bids, Prmt, Cnst.
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31 20 00	Site Earthwork	07-23-2025	Bids, Prmt, Cnst.
31 30 00	Soil Erosion and Sediment Control	07-23-2025	Bids, Prmt, Cnst.
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33 31 14	Sanitary Sewer System	07-23-2025	Bids, Prmt, Cnst.
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END OF SECTION

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SECTION 26 21 01 – CONDUCTORS AND CABLES

PART 1 - GENERAL

1.1 SUMMARY

A. Section Includes:

1. Type 2 surge protective devices (SPDs).
2. Enclosures.
3. Conductors and cables.

B. Related Requirements:

1. Division 26 Section "Basic Electrical Requirements."
2. Division 26 Section "Common Work Results for Electrical."
3. Division 26 Section "Electrical Identification."
4. Division 26 Section "Grounding and Bonding for Electrical Systems."
5. Division 26 Section "Panelboards."

1.2 DEFINITIONS

- A. I_n : Nominal discharge current.
- B. Maximum Continuous Operating Voltage (MCOV): The maximum designated RMS value of the power frequency voltage that may be continuously applied to the mode of protection of an SPD.
- C. Metal-Oxide Varistor (MOV): An electronic component with a significant bidirectional, nonlinear current-voltage characteristic.
- D. Mode(s), Modes of Protection, or Protection Modes: Electrical paths where the SPD offers defense against transient overvoltages. Examples include: line to neutral (L-N), line to ground (L-G), line to line (L-L), and neutral to ground (N-G).
- E. SCCR: Short-circuit current rating.
- F. Type 2 SPDs: Permanently connected SPDs intended for installation on the load side of the service disconnect overcurrent device, including SPDs located at the branch panel.
- G. Voltage Protection Rating (VPR): A rating selected from UL 1449 list of preferred values assigned to each mode of protection.

1.3 ACTION SUBMITTALS

A. Product Data:

1. For each type of product.
 - a. Include electrical characteristics, specialties, and accessories for SPDs.
 - b. Certification of compliance with UL 1449 by qualified electrical testing laboratory recognized by authorities having jurisdiction including the following information:

- 1) Tested values for VPRs.
- 2) I_n ratings.
- 3) MCOV, type designations.
- 4) OCPD requirements.
- 5) Manufacturer's model number.
- 6) System voltage.
- 7) Modes of protection.

B. Field quality-control reports.

1.4 INFORMATIONAL SUBMITTALS

A. Sample Warranty: For manufacturer's special warranty.

1.5 WARRANTY

- A. Special Manufacturer Extended Warranty: Manufacturer warrants that SPDs perform in accordance with specified requirements and agrees to provide repair or replacement of SPDs that fail to perform as specified within extended warranty period.
1. Initial Extended Warranty Period: Five year(s) from date of Substantial Completion, for labor, materials, and equipment.
 2. Follow-On Extended Warranty Period: Ten year(s) from date of Substantial Completion, for materials only, f.o.b. the nearest shipping point to Project site.

PART 2 - PRODUCTS

- A. Manufacturers: Subject to compliance with requirements, provide an internally mounted Surge Protective Devices (SPD) formally called Transient Voltage Surge Suppressor (TVSS) by:
1. Design Basis Manufacturer:
 - a. Siemens Industry – TPS series.
 2. Acceptable Manufacturers:
 - a. Advance Protection Technologies (APT).
 - b. Mersen.
 - c. Eaton.
 - d. Square D Co.
- B. Service Entrance
1. SPD shall be UL 1449 labeled as Type 2 intended for Type 2 applications, verifiable at UL.com, without need for external or supplemental overcurrent controls. Every suppression component of every mode, including N-G, shall be protected by internal overcurrent and thermal overtemperature controls. SPD shall be factory installed integral to electrical distribution equipment.
 2. SPD shall be UL labeled with 20kA I-nominal (I-n)
 3. SPD shall be UL labeled with 200kA Short Circuit Current Rating (SCCR).
 4. Standard 7 Mode Protection paths: SPD shall provide surge current paths for all modes of protection: L-N, L-G, L-L, and N-G for Wye systems; L-L, L-G in Delta and impedance grounded Wye systems
 5. SPD shall be connected to the buss of the distribution equipment with an appropriately sized 200kA SCCR rated disconnect.
 6. SPD shall meet or exceed the following criteria:
 - a. Maximum 7-Mode surge current capability shall be 500kA per phase.
 - b. UL 1449 - Third Edition Revision; effective September 29, 2009 Voltage Protection Ratings shall not exceed the following:

<u>VOLTAGE</u>	<u>L-N</u>	<u>L-G</u>	<u>N-G</u>	<u>L-L</u>	<u>MCOV</u>
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208Y/120 800V 800V 800V 1200V 150V

7. UL 1449 Listed Maximum Continuous Operating Voltage (MCOV) (verifiable at UL.com):

System Voltage	Allowable System Volt Fluctuation (%)	MCOV
208Y/120	25%	150V

8. SPD shall incorporate a UL 1283 listed EMI/RFI filter with minimum attenuation of - 50dB at 100 kHz.
9. Suppression components shall be heavy duty 'large block' MOVs, each exceeding 30mm diameter.
10. SPD shall include a serviceable, replaceable module.
11. SPD shall be equipped with the following diagnostics:
 - a. Visual LED diagnostics including a minimum of one green LED indicator per phase, and one red service LED.
 - b. Audible alarm with on/off silence function and diagnostic test function (excluding branch).
 - c. Form C dry contacts
 - d. Surge Counter
12. No other test equipment shall be required for SPD monitoring or testing before or after installation.
13. SPD shall have a response time no greater than 1/2 nanosecond.
14. SPD shall have a 10 year warranty.

2.2 ENCLOSURES

- A. Indoor Enclosures: Type 1.

2.3 CONDUCTORS AND CABLES

- A. Power Wiring: Same size as SPD leads, complying with Division 26 Section "Conductors and Cables".

PART 3 - EXECUTION

3.1 INSTALLATION

- A. Provide OCPD and disconnect for installation of SPD in accordance with UL 1449 and manufacturer's instructions.
- B. Install leads between disconnects and SPDs short, straight, twisted, and in accordance with manufacturer's instructions. Comply with wiring methods in Section 260519 "Low-Voltage Electrical Power Conductors and Cables."
 1. Do not splice and extend SPD leads unless specifically permitted by manufacturer.
 2. Do not exceed manufacturer's recommended lead length.
 3. Do not bond neutral and ground.
- C. Use crimped connectors and splices only. Wire nuts are unacceptable.

3.2 FIELD QUALITY CONTROL

- A. Tests and Inspections:
 1. Compare equipment nameplate data for compliance with Drawings and the Specifications.

2. Inspect anchorage, alignment, grounding, and clearances.
3. Verify that electrical wiring installation complies with manufacturer's installation requirements.

B. Nonconforming Work:

1. SPDs that do not pass tests and inspections will be considered defective.
2. Remove and replace defective units and retest.

C. Prepare test and inspection reports.

D. Manufacturer Services:

1. Engage factory-authorized service representative to **support** field tests and inspections.

3.3 STARTUP SERVICE

- A. Complete startup checks in accordance with manufacturer's instructions.
- B. Do not perform insulation-resistance tests of the distribution wiring equipment with SPDs installed. Disconnect SPDs before conducting insulation-resistance tests; reconnect them immediately after the testing is over.
- C. Energize SPDs after power system has been energized, stabilized, and tested.

END OF SECTION 264313