

**DOCUMENT 00 90 00
ADDENDUM**

ADDENDUM No.: 1

DATE: January 14, 2025

RE: LA CROSSE HOUSING AUTHORITY
2024 CAPITAL IMPROVEMENT PROJECTS
LA CROSSE, WISCONSIN
PROJECT NO. 24048

FROM: HSR Associates, Inc
100 Milwaukee Street
La Crosse, WI 54603
(608) 784-1830

TO: Prospective Bidders

This addendum forms a part of the Contract Documents and modifies the original Bidding Documents dated January 2025. Acknowledge receipt of this Addendum in the space provided on the bid form. Failure to do so may subject the Bidder to disqualification.

This Addendum consists of: 1 page, 1 document, 2 sections, and 0 drawings.

CHANGES TO INTRODUCTORY INFORMATION AND BIDDING REQUIREMENTS:

1. Document 00 11 13 Advertisement for Bids
 - a. See the revised document included in this addendum. Disregard the previous version.
 - b. Revised the document to specify a location for the pre bid meeting.

CHANGES TO SPECIFICATIONS:

2. Section 06 83 16 Fiberglass Reinforced Paneling
 - a. See the revised section included in this addendum. Disregard the previous version.
 - b. In paragraph 2.01 A.4. add Glasliner FRP product to list of manufacturers.
3. Section 09 51 00 Acoustical Ceilings
 - a. See the revised section included in this addendum. Disregard the previous version.
 - b. In paragraph 2.02 B.1. revise from Armstrong Optima to Armstrong Ultima.

END OF DOCUMENT 00 90 00

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SECTION 00 11 13

ADVERTISEMENT FOR BIDS

Sealed bids for the construction of:

**HOUSING AUTHORITY OF THE CITY OF LA CROSSE
2024 CAPITAL IMPROVEMENT PROJECTS
LA CROSSE, WISCONSIN 54603
PROJECT NO. 24048**

will be received by:

**HOUSING AUTHORITY OF THE CITY OF LA CROSSE
1307 BADGER STREET
LA CROSSE, WISCONSIN 54601
ATT: STEVE SCHAUF - EXECUTIVE DIRECTOR**

until 2:00 pm, February 4, 2025, after which they will be opened publicly and read aloud. Bids received after the time set for receipt of bids will not be accepted.

In general, the Project consists of capital improvements at 5 properties:

Becker Plaza: Replace existing flush wood door slabs at living units. Replace entrances with fiberglass doors and aluminum storefront doors. Replace ACT ceilings. Patch textured gypsum and paint interior surfaces. Replace electrical generator located in the penthouse. Replace cabinet heaters. Remove floor drains at an elevated slab. Replace existing light fixtures with LED. Replace existing variable frequency drives for electric motors, replace hot/cold water supply line shut-offs, replace water heaters.

Sauber Manor: Replace existing doors at an exit and at outbuildings. Replace ACT ceilings. Replace existing light fixtures with LED.

Solberg Heights: Renovate kitchen and laundry. Replace architectural wood casework including solid surface material. Replace ceilings with ACT ceilings. Modify plumbing and venting at kitchen renovation. Replace existing light fixtures with LED.

Stoffel Court: Replace existing exterior slab with new concrete slab enclosed by PVC fencing. Install wire mesh enclosure at stair to basement level. Replace ACT ceilings. Replace existing light fixtures with LED.

Stokke Tower: Replace existing door at outbuilding. Renovate architectural wood casework including solid surface material in party room. Replace flooring with LVT. Replace ceilings with ACT ceilings. Replace EPDM roofing. Paint interior and exterior surfaces. Modify plumbing and venting at kitchen renovation. Replace existing light fixtures with LED.

Lump-sum Bids will be received on a SINGLE PRIME CONSTRUCTION CONTRACT FOR THE ENTIRE WORK.

The Project Drawings, Project Manual and other Bidding Documents may be examined at the following locations:

AE'S OFFICE: HSR ASSOCIATES, INC.
100 MILWAUKEE STREET

24048 La Crosse Housing Authority
2024 Capital Improvements

00 11 13 - 1

ADVERTISEMENT FOR BIDS

LA CROSSE, WI 54603
608-784-1830

BUILDER'S EXCHANGES:

La Crosse
Northwest Regional (Eau Claire/Chippewa Falls)
Wausau, WI
Builders Exchange of Wisconsin (Appleton)
Minneapolis, MN
Rochester, MN
Northern IA (Mason City, IA)
Master Builders IA (Des Moines, IA)
Builders Exchange of Michigan
ConstructConnect
Dodge Data & Analytics (West Allis, WI)

Electronic Bidding Documents (.pdf) will be available from HSR Associates, Inc. via Sharefile electronic distribution and will be distributed to the listed Builders Exchanges. Electronic versions of addenda will be distributed via the same systems.

Hardcopy Bidding Documents may be picked up at HSR Associates' office. Bidders may request shipment of hardcopies by sending a check made out to HSR Associates in the amount of \$15.00. The shipping fee will not be refunded and must be received prior to shipment.

HSR Associates is responsible for distribution of addenda only to those who have requested project documents from HSR in formats described above.

HSR Associates will make AutoCAD files available to the Contractor following award of contract.

HSR Associates maintains a plan holder list at www.hsrassociates.com. This list includes only those who have requested plans from HSR and those who have requested to be added our list.

Bid Security in the amount of five percent (5%) of the maximum amount of the Bid must accompany each Bid as described in the Project Manual, Instructions to Bidders.

The Owner reserves the right to waive irregularities and to reject any or all Bids. Bids may only be withdrawn in accordance with the Project Manual, Instructions to Bidders.

A pre-bid meeting will be conducted by the Owner and Architect/Engineer to discuss the project and answer questions. The pre-bid meeting will occur at 10:00 am January 21, 2025, at HSR Associates' Main Conference Room, 100 Milwaukee St., La Crosse, Wisconsin 54603.

By: Steve Schauf

Title: Executive Director

Publish Date: Weeks of Jan. 13 and Jan. 20, 2025 - La Crosse Tribune.

END OF DOCUMENT 00 11 13

SECTION 06 83 16
FIBERGLASS REINFORCED PANELING

PART 1 GENERAL

1.01 SECTION INCLUDES

- A. Fiberglass reinforced plastic panels.
- B. Trim.

1.02 RELATED REQUIREMENTS

- A. Applicable provisions of Division 1 govern work under this Section.
- B. Section 06 10 00 - Rough Carpentry: Building framing and sheathing.
- C. Section 10 28 00 - Toilet, Bath and Laundry Accessories.

1.03 REFERENCE STANDARDS

- A. ASTM D256 - Standard Test Methods for Determining the Izod Pendulum Impact Resistance of Plastics; 2023, with Editorial Revision.
- B. ASTM D3273 - Standard Test Method for Resistance to Growth of Mold on the Surface of Interior Coatings in an Environmental Chamber; 2021.
- C. ASTM D5319 - Standard Specification for Glass-Fiber Reinforced Polyester Wall and Ceiling Panels; 2022.
- D. ASTM E84 - Standard Test Method for Surface Burning Characteristics of Building Materials; 2023d.
- E. ISO 2812-1 - Paints and Varnishes -- Determination of Resistance to Liquids -- Part 1: Immersion in Liquids Other than Water; 2017.

1.04 SUBMITTALS

- A. See Section 01 30 00 - Administrative Requirements for submittal procedures.
- B. Provide submittal transmittals that include all submittal items identified in each submittal group below.
- C. Review Submittals - Preparatory:
 - 1. Product Data: Provide data on specified products, describing physical and performance characteristics; including sizes, patterns and colors available; and installation instructions.
 - 2. Shop Drawings: Indicate dimensions, adjacent construction, materials, thicknesses, field jointing, tolerances, colors, finishes, integration of adjacent components, and anchorages.
 - a. Dimensions shall be field verified at each installation location to ensure factory cut panels fit recommended tolerances at corner joints.
 - b. Mark panels to corresponding room installation locations.
- D. Review Submittals - Samples:
 - 1. Samples: Selection and verification samples for finishes, colors and textures. Submit two samples of each type of panel, trim and fastener.

1.05 QUALITY ASSURANCE

- A. Manufacturer Qualifications: Provider of advanced installer training.
- B. Installer Qualifications:
 - 1. Having completed manufacturer's training.

1.06 DELIVERY, STORAGE, AND HANDLING

- A. Store panels flat, indoors, on a clean, dry surface. Remove packaging and allow panels to acclimate to room temperature for 48 hours prior to installation.

1.07 FIELD CONDITIONS

- A. Do not begin installation until building is enclosed, permanent heating and cooling equipment is in operation, and residual moisture from plaster, concrete or terrazzo work has dissipated.

- B. During installation, and within 48 hours prior to installation, maintain ambient temperature and relative humidity within limits required by type of panel adhesive used and recommendation of panel adhesive manufacturer.

1.08 WARRANTY

- A. Manufacturer's standard form in which manufacturer agrees to repair or replace FRP panels that fail within specified warranty period.
 - 1. Failures shall include, but not be limited to substantial defects in material and workmanship, rotting, rusting, corrosion, development of structural surface cracks, or requiring painting or refinishing.
 - 2. Warranty Period: Ten years from date of Substantial Completion.
- B. Installer's standard form in which installer agrees to repair or replace FRP panels that fail due to poor workmanship or faulty installation within one year from substantial completion.

PART 2 PRODUCTS

2.01 MANUFACTURERS

- A. Fiberglass Reinforced Plastic Panels:
 - 1. Crane Composites, Inc; www.cranecomposites.com.
 - 2. Marlite, Inc: www.marlite.com.
 - 3. Panolam Industries International, Inc: www.panolam.com.
 - 4. Stabilitamerica.com; Glasteel FRP Class A Fire Retardant: www.stabilitamerica.com.

2.02 PANEL SYSTEMS

- A. Wall Panels:
 - 1. Panel Size: 4 by 8 feet.
 - 2. Panel Thickness: 0.10 inch.
 - 3. Surface Design: Embossed.
 - 4. Color: As selected by Architect from manufacturer's standard options.
 - 5. Attachment Method: Adhesive only, sealant joints, no trim.

2.03 MATERIALS

- A. Panels: Fiberglass reinforced plastic (FRP), complying with ASTM D5319.
 - 1. Surface Burning Characteristics: Maximum flame spread index of 25 and smoke developed index of 450; when system tested in accordance with ASTM E84.
 - 2. Mold Resistance: Score of 10, when tested in accordance with ASTM D3273.
 - 3. Impact Strength: Greater than 6 ft lb force per inch, when tested in accordance with ASTM D256.
 - 4. Chemical Cleanability: Excellent chemical resistance to common cleaners and detergents when tested in accordance with ISO 2812-1.
 - 5. Product Identification: Finish side identification and confirmation of meeting Class A interior finish requirements after installation and while in service, without labels.
- B. Trim: Vinyl; color coordinating with panel.
 - 1. Interior corner, butt seam trim, edge trim.
- C. Adhesive: Type recommended by panel manufacturer.
- D. Panel Seam Sealant: Two-part urethane sealant as recommended by FRP panel manufacturer.

PART 3 EXECUTION

3.01 EXAMINATION

- A. Verify existing conditions and substrate flatness before starting work.
- B. Verify that substrate conditions are ready to receive the work of this section.
 - 1. Examine substrate surfaces to determine that corners are plumb and straight, that surfaces are smooth, sound and uniform, that nails or screw fasteners are countersunk, and that joints and cracks are filled flush and smooth with adjoining surfaces.
 - 2. Do not begin panel installation until substrate surfaces are in satisfactory condition.

3.02 INSTALLATION - WALLS

- A. Install panels in accordance with manufacturer's Installation Guide.
- B. Cut and drill panels with carbide tipped saw blades, drill bits, or snips.
- C. Pre-drill fastener holes in panels, 1/8 inch greater in diameter than fastener, spaced as indicated by panel manufacturer.
- D. Apply full bed of adhesive to the back side of the panel using trowel recommended by adhesive manufacturer.
- E. Apply panels to wall with seams plumb and pattern aligned with adjoining panels.
- F. Install panels with manufacturer's recommended gap for panel field and corner joints.
- G. Place trim on panel before fastening edges, as required.
- H. Fill channels in trim with sealant before attaching to panel.
- I. Fit sheets to eliminate vertical joints between panels less than 6.5 feet apart.
- J. Seal gaps at floor, top edge, between panels and inside corners with specified two part sealant to prevent moisture intrusion.
- K. Remove excess sealant after paneling is installed and prior to curing.

3.03 CLEANING

- A. Clean components of foreign material without damaging finished surface.
- B. Hand rub smooth surfaces with polishing cream.

3.04 PROTECTION

- A. Protect installed product and finish surfaces from damage during construction.

END OF SECTION

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SECTION 09 51 00
ACOUSTICAL CEILINGS

PART 1 GENERAL

1.01 SECTION INCLUDES

- A. Suspended metal grid ceiling system.
- B. Acoustical units.

1.02 RELATED REQUIREMENTS

- A. Applicable provisions of Division 1 govern the work of this section.
- B. Mechanical Supply and Return Devices Division 26.
- C. Electrical Light Fixtures Division 26.

1.03 REFERENCE STANDARDS

- A. ASTM A653/A653M - Standard Specification for Steel Sheet, Zinc-Coated (Galvanized) or Zinc-Iron Alloy-Coated (Galvannealed) by the Hot-Dip Process; 2023.
- B. ASTM B209/B209M - Standard Specification for Aluminum and Aluminum-Alloy Sheet and Plate; 2021a.
- C. ASTM C635/C635M - Standard Specification for Manufacture, Performance, and Testing of Metal Suspension Systems for Acoustical Tile and Lay-in Panel Ceilings; 2022.
- D. ASTM E1264 - Standard Classification for Acoustical Ceiling Products; 2023.

1.04 SUBMITTALS

- A. See Section 01 30 00 - Administrative Requirements for procedures.
- B. Review Submittals - Preparatory:
 - 1. Product Data: Provide data on suspension system components and acoustical units.
- C. Review Submittals - Samples:
 - 1. Samples: Submit two samples 12 by 12 inch in size illustrating material and finish of acoustical units.
- D. Maintenance Materials:
 - 1. Maintenance Materials: Furnish the following for Owner's use in maintenance of project.
 - a. See Section 01 60 00 - Product Requirements, for additional provisions.
 - b. Extra Acoustical Units: One box of ACT-2 per building.

1.05 QUALITY ASSURANCE

- A. Suspension System Manufacturer Qualifications: Company specializing in manufacturing the products specified in this section with minimum three years documented experience.

1.06 FIELD CONDITIONS

- A. Maintain uniform temperature of minimum 60 degrees F, and maximum humidity of 40 percent prior to, during, and after acoustical unit installation.

PART 2 PRODUCTS

2.01 MANUFACTURERS

- A. Acoustic Tiles/Panels:
 - 1. Armstrong World Industries, Inc: www.armstrongceilings.com.
 - 2. CertainTeed Corporation: www.certainteed.com/ceilings-and-walls.
 - 3. USG Corporation: www.usg.com/ceilings.
 - 4. Roxul Rockfon. www.rockfon.com.
 - 5. Substitutions: See Section 01 25 00 - Substitution Procedures for requirements.
- B. Steel Suspension Systems:
 - 1. Armstrong World Industries, Inc: www.armstrongceilings.com.
 - 2. CertainTeed Corporation: www.certainteed.com/ceilings-and-walls.

3. Rockfon, LLC: www.rockfon.com.
 4. USG Corporation: www.usg.com/ceilings.
 5. Substitutions: See Section 01 25 00 - Substitution Procedures for requirements.
- C. Aluminum Suspension Systems:
1. Armstrong World Industries, Inc; Prelude Plus: www.armstrong.com.
 2. Acoustic Ceiling Products, Inc.; comparable: www.acpideas.com.
 3. CertainTeed Corporation; 15/16" Classic Aluminum Hook System: www.certainteed.com.
 4. Rockfon Chicago Metallic; 830 All Aluminum 15/16": www.rockfon.com.
 5. USG: www.usg.com.
 6. Substitutions: See Section 01 25 00 - Substitution Procedures for requirements.

2.02 ACOUSTICAL UNITS

- A. Acoustical Units - General: ASTM E1264, Class A.
- B. BOARD TYPE ACT-2: 2'x2' Tegular, Min NRC.75:
1. Armstrong: Ultima.
 2. Certainteed Corp: Symphony.
 3. USG Corporation: Orion.
 4. Rockfon: Artic #660.
- C. BOARD TYPE ACT-3: 2'x2' Vinyl Faced Gyp Bd:
1. Certainteed Corp: Capual Vinylrock-X.
 2. USG Corporation: USG Sheetrock Brand Lay-In Gypsum Ceiling Panels.
 3. National Gypsum: Gridstone.
 4. Rockfon: Koral #1100.

2.03 SUSPENSION SYSTEM(S)

- A. Metal Suspension Systems - General: Complying with ASTM C635/C635M; die cut and interlocking components, with stabilizer bars, clips, splices, and perimeter moldings as required.
1. Materials:
 - a. Steel Grid: ASTM A653/A653M, G30 coating, unless otherwise indicated.
 - b. Aluminum Grid: Aluminum sheet, ASTM B209/B209M.
- B. Exposed Suspension System: Aluminum grid and cap.
1. Application(s): At locations with ACT-1.
 2. Structural Classification: Light-duty, when tested in accordance with ASTM C635/C635M.
 3. Profile: Tee; 15/16 inch face width.
 4. Finish: Baked enamel.
 5. Products:
 - a. USG Corporation; Donn Brand AX/AXCE 15/16 inch Acoustical Suspension System: www.usg.com/ceilings.
 - b. Armstrong Ceilings; Prelude Plus XL Aluminum: www.armstrongceilings.com.
 - c. Rockfon Chicago Metallic; 830 All Aluminum 15/16" Exposed: www.rockfon.com.
 - d. Substitutions: See Section 01 25 00 - Substitution Procedures for requirements.
- C. Exposed Suspension System: Hot-dipped galvanized steel grid and cap.
1. Application(s): At locations with ACT-2 and where not otherwise specified.
 2. Structural Classification: Intermediate-duty, when tested in accordance with ASTM C635/C635M.
 3. Profile: Tee; 15/16 inch face width.
 4. Finish: Baked enamel.
 5. Products:
 - a. Armstrong World Industries, Inc; Prelude 15/16" Exposed Tee: www.armstrongceilings.com.
 - b. CertainTeed Corporation; 15/16" EZ Stab Classic: www.certainteed.com.
 - c. Rockfon, LLC; Chicago Metallic 1200 15/16": www.rockfon.com.

- d. USG Corporation; Donn Brand DX/DXL 15/16 inch Acoustical Suspension System: www.usg.com/ceilings.
- e. Substitutions: See Section 01 25 00 - Substitution Procedures for requirements.

2.04 ACCESSORIES

- A. Support Channels and Hangers: Galvanized steel; size and type to suit application and ceiling system flatness requirement specified.
- B. Hanger Wire: 12 gauge, 0.08 inch galvanized steel wire.
- C. Perimeter Moldings: Same metal and finish as grid.
 - 1. Angle Molding: L-shaped, for mounting at same elevation as face of grid.
- D. Metal Edge Transition Trim for Suspension Systems: Steel or extruded aluminum; provide attachment clips, splice plates, and preformed corner pieces for complete trim system.
 - 1. Trim Height: See Plan.
 - 2. Finish: Baked enamel.
 - 3. Color: White.
 - 4. Products:
 - a. Armstrong; Axiom Transitions: www.armstrongceilings.com.
 - b. Certainteed; Terminous Transitions: www.certainteed.com.
 - c. Flannery, Inc; Acoustical Ceiling Cloud Transition (ACCT): www.flannerytrim.com.
 - d. USG Corporation; Compasso Elite: www.usg.com/ceilings.
 - e. Substitutions: See Section 01 25 00 - Substitution Procedures for requirements.

PART 3 EXECUTION

3.01 EXAMINATION

- A. Verify existing conditions before starting work.
- B. Verify that layout of hangers will not interfere with other work.

3.02 INSTALLATION - SUSPENSION SYSTEM

- A. Rigidly secure system, including integral mechanical and electrical components, for maximum deflection of 1:360.
- B. Locate system on room axis according to reflected plan.
- C. Perimeter Molding: Install at intersection of ceiling and vertical surfaces and at junctions with other interruptions.
 - 1. Use longest practical lengths.
 - 2. Miter corners.
- D. Suspension System, Non-Seismic: Hang suspension system independent of walls, columns, ducts, pipes and conduit. Where carrying members are spliced, avoid visible displacement of face plane of adjacent members.
- E. Where ducts or other equipment prevent the regular spacing of hangers, reinforce the nearest affected hangers and related carrying channels to span the extra distance.
- F. Do not support components on main runners or cross runners if weight causes total dead load to exceed deflection capability.
- G. Support fixture loads using supplementary hangers located within 6 inches of each corner, or support components independently.
- H. Do not eccentrically load system or induce rotation of runners.

3.03 INSTALLATION - ACOUSTICAL UNITS

- A. Install acoustical units in accordance with manufacturer's instructions.
- B. Fit acoustical units in place, free from damaged edges or other defects detrimental to appearance and function.
- C. Fit border trim neatly against abutting surfaces.

- D. Install acoustical units level, in uniform plane, and free from twist, warp, and dents.
- E. Cutting Acoustical Units:
 - 1. Cut to fit irregular grid and perimeter edge trim.
 - 2. Make field cut edges of same profile as factory edges.
- F. Where round obstructions occur, provide preformed closures to match perimeter molding.
- G. Provide tegular edge at walls and other abutting vertical surfaces. Field paint cut edges to surface color and sheen.

END OF SECTION