

**DOCUMENT 00 90 00
ADDENDUM**

ADDENDUM NO. [2] Date: March 28, 2019

**RE: HOUSING AUTHORITY OF LA CROSSE
DIVISION STREET HOUSING
LA CROSSE, WISCONSIN
HSR PROJECT NO. 18046**

**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 March 2019. 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] Revised Bid Form and [1] specification section.

CHANGES TO BIDDING REQUIREMENTS AND CONDITIONS OF THE CONTRACT:

1. Section 00 41 00 BID FORM
 - a. Revised Bid Form attached hereto.

GENERAL REQUIREMENTS:

2. Section 01 23 00 ALTERNATE BIDS
 - a. Section attached hereto as part of the Contract Documents.

CHANGES TO SPECIFICATIONS:

3. Section 04 71 15 MANUFACTURED MASONRY
 - a. Section attached hereto as part of the Contract Documents.

END OF DOCUMENT 00 90 00

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**DOCUMENT 00 41 00
BID FORM-Revised**

BIDDER: _____

BID FOR SINGLE PRIME CONTRACT

PROJECT: **LA CROSSE HOUSING AUTHORITY
DIVISION STREET HOUSING
428 SEVENTH STREET SOUTH - DUPLEX
717 DIVISION STREET - FOURPLEX
LA CROSSE, WI 54601
HSR PROJECT NO. 18046**

TO: **HOUSING AUTHORITY OF LA CROSSE
1307 BADGER STREET
P.O. BOX 1053
LA CROSSE, WISCONSIN 54602-1053**

BASE BID

The undersigned, having examined the site where the Work is to be executed and become familiar with local conditions affecting the cost of the Work and carefully examined the Project Manual, the Project Drawings, all other Bidding Documents and Addenda thereto prepared by the AE, HSR Associates, Inc., hereby agrees to provide all labor, materials, equipment and services necessary for the complete and satisfactory execution of the ENTIRE WORK for the Base Bid stipulated sum of:

_____ Dollars (\$ _____ .00)

ALTERNATE BIDS

The undersigned further agrees to perform the alternative portions of the Work as described in the Project Manual, Section 01 23 00 Alternates, for the following additions to or deductions from the Base Bid sum stipulated above:

Alternate No. 1 Conventional Lath and Mortar Thin Brick System

Add or Deduct _____ Dollars (\$ _____ .00)

In submitting this Bid, the undersigned agrees to:

1. Hold this Bid open for **30** days.
2. Accept the provisions of Instructions to Bidders regarding disposition of Bid Security.
3. Enter into and execute an Agreement, if awarded on the basis of this Bid, and to furnish Performance and Labor and Material Payment Bonds according to the Supplementary Conditions.
4. Accomplish work according to the Contract Documents.
5. Complete the work by the time stated in Section 01 10 00 Summary of the Work.

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Receipt of the following Addenda and inclusion of their provisions in this Bid is hereby acknowledged:

Addendum No. _____ Dated _____

Addendum No. _____ Dated _____

Addendum No. _____ Dated _____

Attached hereto are the required:

- a. Bid Security
- b. Certificate of Organization and Authority
- c. Non-Collusive Affidavit: An affidavit in proof that the undersigned has not entered into any collusion with any person in respect to this Bid or any other bid or the submitting of bids for the contract for which this bid is submitted.
- d. Certification of Non-segregated Facilities
- e. An executed Document 00 45 15 Disclosure of Ownership is:
 - Attached hereto
 - Not applicable to the undersigned Bidder

FIRM NAME: _____

(Affix seal if Corporation)

By: _____

Title: _____

By: _____

Title: _____

Date: _____

Official Address: _____

Telephone: _____

END OF DOCUMENT 00 41 00

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SECTION 01 23 00

ALTERNATES

PART 1: GENERAL

1.01 DESCRIPTION

- A. Conditions of the Contract and pertinent portions of Sections in Division One of this Project Manual, apply to the Work of this Section as fully as though repeated herein.
- B. This Section describes the alternates to the project. Refer to the Product/Execution Articles of the Contract Documents for information pertaining to the work of each alternate.
- C. Each proposal under an alternate shall include all incidental work and all adjustments necessary to accommodate the changes. All work shall meet the requirements of the Contract Documents.
- D. Each alternate proposal shall be submitted as an individual cost for the particular alternate and shall be proposed under the premise that no other alternates have been accepted. Should the work of an alternate called for by the Bid Form not affect the cost of the work, "No Change" shall be stated.
- E. Owner may, at his option, vary the scope of the work by authorizing alternates which will add to the work, deduct from the work or substitute materials, equipment or methods.
- F. Immediately following Award of Contract, prepare and distribute to each party involved, notification of the status of each alternate. Indicate whether alternates have been accepted, rejected, or deferred for consideration at a later date. Include a complete description of negotiated modifications to alternates, if any.

1.02 ALTERNATES

- A. Alternate No. 1: Conventional Lath and Mortar Thin Brick System
 - 1. The following work shall be priced under Alternate No. 1: State the amount to be added or deducted from the base bid to install thin brick and cultured stone with a conventional lath and mortar bed in lieu of base bid plastic formed panels as described in revised section 04 71 15 attached to this addendum.

PART 2: PRODUCTS - Not Used

PART 3: EXECUTION - Not Used

END OF SECTION 01 23 00

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SECTION 04 71 15
MANUFACTURED MASONRY - Revised

PART 1 GENERAL

1.01 SECTION INCLUDES

- A. Manufactured stone veneer at exterior walls.
 - 1. Base Bid: Plastic formed panels for stone and thin brick.
 - 2. Alternate Bid: Conventional system with lath and scratch coat.

1.02 RELATED REQUIREMENTS

- A. Section 06 10 00 - Rough Carpentry: Wall substrate.
- B. Section 07 25 00 - Air Barriers
- C. Section 07 62 00 - Sheet Metal Flashing and Trim.
- D. Section 07 92 00 - Joint Sealants: Sealant for perimeter joints.

1.03 REFERENCE STANDARDS

- A. ASTM A36/A36M - Standard Specification for Carbon Structural Steel; 2014.
- B. ASTM A123/A123M - Standard Specification for Zinc (Hot-Dip Galvanized) Coatings on Iron and Steel Products; 2017.
- C. ASTM C150/C150M - Standard Specification for Portland Cement; 2016.
- D. ASTM A666 - Standard Specification for Annealed or Cold-Worked Austenitic Stainless Steel Sheet, Strip, Plate, and Flat Bar; 2015.
- E. ASTM C1325 - Specification for Non-Asbestos Fiber-Mat Reinforced Cementitious Backer Units; 2014.
- F. ASTM C270 - Standard Specification for Mortar for Unit Masonry; 2014a.
- G. ASTM C39/C39M - Standard Test Method for Compressive Strength of Cylindrical Concrete Specimens; 2016b.
- H. ASTM C67 - Standard Test Methods for Sampling and Testing Brick and Structural Clay Tile; 2014.
- I. ASTM E2556/E2556M - Standard Specification for Vapor Permeable Flexible Sheet Water-Resistive Barriers Intended for Mechanical Attachment; 2010 (Reapproved 2016).

1.04 SUBMITTALS

- A. See Section 01 30 00 - Administrative Requirements, for submittal procedures.
- B. Product Data: Manufactured masonry and application materials including mortar color charts, and water resistive barrier.
- C. Samples: 12" x 12" minimum panel containing full-size samples of specified manufactured masonry showing full range of colors and textures complete with specified mortar.

1.05 QUALITY ASSURANCE

- A. Manufacturer Qualifications:
 - 1. Minimum five years experience in producing manufactured masonry.

1.06 DELIVERY, STORAGE, AND HANDLING

- A. Store moisture-sensitive materials in weather protected enclosures.

1.07 FIELD CONDITIONS

- A. During temporary storage on site, at the end of working day, and during rainy weather, cover stone work exposed to weather with non-staining waterproof coverings, securely anchored.

PART 2 PRODUCTS

2.01 MANUFACTURER

- A. Basis of Design - Plastic Formed Panel System: Speedymason, LLC: www.speedymason.com
- B. Stone Products:
 - 1. Casa di Sassi: www.cassadesassi.com as distributed by County Materials.
 - 2. Boral Stone Products: Dutch Quality Stone - Limestone; Autumn Blend.
www.boralamerica.com/stone

2.02 MANUFACTURED MASONRY MATERIALS

- A. Compressive Strength: ASTM C 39, 1800 psi.
 - 1. Freeze/Thaw: 0.9% loss.
 - 2. Fire Hazard Test, UL 723:
 - a. Flame spread: 0.
 - b. Smoke Development: 0.
 - 3. Thickness: 1 to 3 1/2 inches.
 - 4. Maximum Veneer Unit Weight: 15 psf.

2.03 PLASTIC FORMED PANEL SYSTEM

- A. Formed Panel: Plastic sheet, with pre-sized placement ridges for stone units and drainage pattern on backside, as manufactured by Speedymason.
- B. Weep Screed: Prefabricated, one piece type with perforated face leg extended to form a drip and weep holes in track bottom; designed to drain incidental moisture.
- C. Air Barrier Sheet: As specified in Section 07 25 00.
- D. Fasteners: As recommended by formed panel supplier.
- E. Mortar: Polymer modified mortar and grout as required by formed panel system supplier.

2.04 CONVENTIONAL LATH AND MORTAR SYSTEM

- A. Air Barrier Sheet: As specified in Section 07 25 00.
- B. Water Resistive Barrier: #15 felt or manufacturer approved product.
- C. Glass Fiber Lath: Self-furring, 3-dimensional glass fiber lath complying with ICC-ES AC275, and acceptable to the manufacturer of the manufactured masonry units.
- D. Fasteners Into Wood Studs: Minimum 1/8 inch shank diameter galvanized nails or minimum 3/4 inch crown staples of sufficient length to penetrate 1 inch minimum into the stud.
- E. Weep Screed: Prefabricated, one piece type with perforated face leg extended to form a drip and weep holes in track bottom; designed to drain incidental moisture.
- F. Drainage Mat: 3/8 inch continuous mat of fluid conducting, non-absorbent, mold and mildew resistant polymer mesh. Manufacturers standard. Combination lath/drainage mat acceptable.
- G. Mortar:
 - 1. Mortar: ASTM C270, Type S, Property specification, using Portland cement of grey color. Follow manufactured masonry manufacturer's installation instructions.
 - 2. Grout: Type as recommended by Manufacturer for location and climate.

2.05 COMPONENTS

- A. Including, but not limited to: sills and pier caps.

PART 3 EXECUTION

3.01 EXAMINATION

- A. Verify that support work and site conditions are ready to receive work of this section.
- B. Verify that air barrier installed under Section 07 25 00 is complete.

3.02 MANUFACTURER'S INSTRUCTIONS

- A. Comply with masonry manufacturer's written data, including product technical bulletins, product catalog installation instructions, product carton installation instructions and spec-data sheets.

3.03 PLASTIC FORMED PANEL PREPARATION

- A. Determine elevation of material above grade to set a common starting elevation.
- B. Attach panels flat to substrate in true and level rows with support ties aligned and level to each other at flat sections as well as corners with female edge facing down.
- C. Install panels to butt the sides of the panels and butt panels vertically, always leaving a gap at movement joints locations equal to thickness of joint.
- D. Stop panel 1/4 to 3/8 inch from inside corners, openings and other materials to allow for movement.

3.04 MATERIAL INSTALLATION - FORMED PANELS

- A. Mix mortar and apply to panels as instructed by panel manufacturer with trowel or spray application.
- B. Press brick or stone onto mortar following the formed ridges of the panel. Treat joints as instructed.
- C. At stone, install mortar at joints utilizing a grout bag. Once grout is firm but not completely dry strike joints with a non-metallic tool. Use a masonry brush to remove excess material. Neatly tool surface to concave joint.
- D. At brick tool joints concave.
- E. Maintain 3/8-1/2 inch clean space at opening frames for sealed movement joint.

3.05 CONVENTIONAL LATH AND MORTAR PREPARATION

- A. Install two layers of water resistive barrier over air barrier. Install horizontally, from the bottom up, shingle fashion overlapping minimum 2 inches and lapping ends minimum 6 inches. Follow manufactured stone manufacturer recommendations for all conditions.
- B. Install drainage mat and cavity weep/vent at top and bottom of wall per manufacturers and stone systems recommendations.
- C. Install lath horizontally with the cups up-rough side up, smooth side down, per manufacturer's instructions and should overlap a minimum 1 inch. Stagger adjoining ends. Lathe should be wrapped around inside and outside corners to the next stud. Fasten lathe every 6 inches vertically to studs.

3.06 MATERIAL INSTALLATION - CONVENTIONAL LATH AND MORTAR

- A. Comply with cold or hot weather installation instructions.
- B. Install weep screed flashings of longest practical length, install under water resistant barrier and seal watertight to back-up. Lap end joint minimum 6 inches and seal watertight. All flashings shall be integrated with water resistive barriers.
- C. Lay out stone to arrange sizes and colors for fit and appearance in a general manner prior to applying scratch coat.
- D. Apply a scratch coat layer of mortar over the lath, ensuring the lath is completely covered to allow for scoring of the surface. The mortar should be applied with sufficient pressure and thickness to fully embed the lath in mortar. Once the mortar is thumbprint hard scratch (score) the surface horizontally to create the mortar scratch coat.
- E. Lay out stone to arrange sizes and colors for fit and appearance.
- F. Space masonry units to ensure that head joints do not exceed 5/8 inch or fall below 1/4 inch.
- G. Apply thin veneers within 15 minutes after thin set adhesive has been applied and before film begins to form on thin set adhesive.
- H. Install control joints as recommended by manufacturer and following industry standards.
- I. Protect work below with plastic sheeting to prevent drips from attaching to stone. Immediately clean mortar that falls on stone.
- J. Size the stone to be placed prior to applying mortar.
- K. Moisten the scratch coat and back of stone thoroughly prior to setting the mortar bed and stone.
- L. Apply full thick layer of mortar to back of stone and work stone in place to thoroughly set mortar into scratch coat. Maintain approximately 3/8" minimum grout joints.
- M. Install mortar at joints utilizing a grout bag. Once grout is firm but not completely dry strike joints with a non-metallic tool. Use a masonry brush to remove excess material. Neatly tool surface to concave joint.
- N. Seal perimeter joints adjacent to dissimilar materials and control joints. Perform sealant work in accordance with requirements of Section 07 92 00.

3.07 CLEANING

- A. Follow manufacturer recommendations on cleaning and maintenance. Do not use harsh chemicals, such as acid, for cleaning, or use abrasive tools such as wire brushes or power
- B. In-Progress Cleaning: Clean masonry units using fiber brushes and clean water. Do not use acid or commercial cleaners unless specifically approved by the manufacturer. Do not allow cementitious materials to harden on masonry surfaces not intended to receive mortar or grout; clean not later than the end of each day.

- C. Remove excess mortar and sealant upon completion of work. Remove large mortar particles by hand with wooden paddles and nonmetallic scrape hoes or chisels.

END OF SECTION