



2640 Fountain View Drive, Houston, Texas 77057 | 713.260.0600 | David A. Northern Sr, President & CEO

The Houston Housing Authority (HHA) has issued this Amendment No. 10 to IFB 24-29 Renovations of roofs and exterior walls at various locations at Historic Rental Initiative (HRI) for the purposes of adding section 07 46 23 wood siding and wood siding schedule as attached herein.

All other terms and conditions shall remain the same.

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Date

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A Fair Housing and Equal Employment Opportunity Agency. For assistance: Individuals with disabilities may contact the 504/ADA Administrator at 713-260-0353, TTY 713-260-0574 or 504ADA@housingforhouston.com

SECTION 07 46 23

WOOD SIDING

PART ONE – GENERAL

1.01 SECTION INCLUDES:

- A. Replacement of wood siding on subject residences.

1.02 RELATED SECTIONS:

- A. Section 06 01 10 - Rough Carpentry.
- B. Section 07 27 19 - Weather-Resistive Barrier.
- C. Section 07 46 46 - Fiber-Cement Siding.
- D. Section 09 91 10 - Exterior Painting.

1.03 REFERENCES:

- A. FSC-Certified - Forest Stewardship Council Certification.

1.04 SUBMITTALS:

- A. Submit under provisions of Section 01 30 00 - Administrative Requirements.
- B. Product Data: Manufacturer's data sheets on each product to be used, including:
 - 1. Preparation instructions and recommendations.
 - 2. Storage and handling requirements and recommendations.
 - 3. Installation methods.
- C. LEED Submittals: Provide documentation of how the requirements shall be met for the following credits:
 - 1. Product Data for Credit MR 5.1 and Credit MR 5.2: Submit data, including location and distance from Project of material manufacturer and point of extraction, harvest or recovery for main raw material.
 - a. Include statement indicating cost for each regional material and the fraction by weight that is considered regional.
 - 2. Product Data for Credit MR 7: For products having Certified Wood content
 - a. Include statement indicating costs for each product having Certified Wood content.
- D. Selection Samples: For each finish product specified, two complete sets of color chips representing manufacturer's full range of available colors and patterns.
- E. Verification Samples: For each finish product specified, two samples, minimum size 6-inches (150 mm) square representing actual product, color, and patterns.

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1.05 QUALITY ASSURANCE:

- A. Manufacturer Qualifications: Minimum 5 year experience harvesting and milling forest products.
- B. Installer Qualifications: Minimum 2 year experience installing similar products.
- C. Certified Wood: Operations shall be FSC and PEFC Chain of Custody certified.
 - 1. TFP #: FSC C005906.
 - 2. TFP #: PEFC/26-31-27.
- D. Mock-Up: Provide a mock-up for evaluation of surface preparation techniques and application workmanship.
 - 1. Finish areas designated by Architect.
 - 2. Do not proceed with remaining work until workmanship is approved by Architect.
 - 3. Refinish mock-up area as required to produce acceptable work.
- E. Grading shall be established by published grading rules.

1.06 PRE-INSTALLATION MEETINGS:

- A. Convene minimum two weeks prior to starting work of this section.

1.07 DELIVERY, STORAGE, AND HANDLING:

- A. Deliver and store products in manufacturer's unopened packaging bearing the brand name and manufacturer's identification until ready for installation.
- B. Handling: Handle materials to avoid damage.

1.08 PROJECT CONDITIONS:

- A. Maintain environmental conditions (temperature, humidity, and ventilation) within limits recommended by manufacturer for optimum results. Do not install products under environmental conditions outside manufacturer's recommended limits.

1.09 SEQUENCING:

- A. Ensure that products of this section are supplied to affected trades in time to prevent interruption of construction progress.

PART TWO – PRODUCTS

2.01 WOOD SIDING:

- A. Clapboard/Bevel Lap Siding: Select Knotty - Smooth Face.
 - 1. 4-inch – 4-1/4-inch reveal width; beveled butt end.
- B. Double Tear-Drop/117 Lap Siding: Select Knotty - Smooth Face.
 - 1. 5-1/4-inch – 5-1/2-inch reveal width; beveled butt end; Dutch lap.
- C. Double V-joint Center/116 Lap Siding: Select Knotty – Smooth Face.
 - 1. 5-1/2-inch reveal width; beveled butt end.

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2.02 FASTENERS:

- A. Corrosion-resistant, 304 stainless steel or double hot-dipped galvanized, ring-shank 7D nails; 2-1/4 length, 5/32-inch diameter head such as by Simpson Strong Tie, or approved equal.

PART THREE – EXECUTION

3.01 EXAMINATION:

- A. Do not begin installation until substrates have been properly prepared.
- B. If substrate preparation is the responsibility of another installer, notify Engineer/Owner's Representative of unsatisfactory preparation before proceeding.

3.02 PREPARATION:

- A. Clean surfaces thoroughly prior to installation.
- B. Prepare surfaces using the methods recommended by the manufacturer for achieving the best result for the substrate under the project conditions.
- C. Install weather-resistive barrier over existing substrate in accordance with Section 07 27 19 Weather-Resistive Barrier.

3.03 SIDING INSTALLATION:

- A. Install in accordance with manufacturer's instructions.
- B. Products shall have all butt and scarf joints caulked with a quality, exterior rated, flexible caulk prior to paint application. All non-trim/fascia abutments shall be caulked and sealed with the same exterior grade caulk.
- C. Ends exposed due to post-manufacturing field cuts shall be sealed with a premium, 100% acrylic primer, to ensure that no fiber is left exposed to the elements.
- D. Use only corrosion resistant fasteners. Acceptable are stainless steel or hot-dipped galvanized nails; minimum size - 7 penny.
- E. Joints shall fall over framing lumber and shall be double nailed. Trim boards of 10-inches (254 mm) or greater in width require 3 nails evenly spaced across the face of the board. Do not nail any less than 1/2-inch (13 mm) from any edge and fasten at a minimum of every 24-inches (610 mm) on center.
- F. Drive nails perpendicular to the framing lumber and the wood trim product; drive nails flush with the product's surface. Nails shall penetrate at least 1-1/4-inches (32 mm) into the structural framing.

3.04 TRIM INSTALLATION:

- A. After installation of siding, install fiber-cement trim around perimeters of windows, doors, and other openings, and inside/outside corners of walls.
- B. Install trim in accordance with manufacturer's instructions and Section 07 46 46.

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3.05 PAINTING:

- A. After installation of siding, trim, accessories, and sealants; paint in accordance with Section 09 91 00.

3.06 PROTECTION:

- A. Protect installed products until completion of project.
- B. Touch-up, repair or replace damaged products before Substantial Completion.

3.07 SCHEDULE:

- A. See attached schedule for locations of respective siding on noted residences.
- B. Other residences not designated on schedule to receive fiber-cement siding.

END OF SECTION 07 46 23

Wood Siding Schedule

Houston Housing Authority Historic Rental Initiative Houses

#	Address	Existing Siding	Existing Reveal Width
1	1500 Andrews	Clapboard/Bevel	4"-4 1/4"
2	1501 Andrews	Double Teardrop/117	5 1/4"-5 1/2"
3	1502 Andrews	Clapboard/Bevel	4"-4 1/4"
4	1503 Andrews	Double Teardrop/117	5 1/4"-5 1/2"
5	1504 Andrews	Double Teardrop/117	5 1/4"-5 1/2"
6	1505 Andrews	Double Teardrop/117	5 1/4"-5 1/2"
7	1505-A Andrews	Clapboard/Bevel	4"-4 1/4"
8	1507 Andrews	Double Teardrop/117	5 1/4"-5 1/2"
9	1509 Andrews	Double Teardrop/117	5 1/4"-5 1/2"
10	1517 Andrews	Clapboard/Bevel	4"-4 1/4"
11	1518 Andrews	Double Teardrop/117	5 1/2"
12	1603 Andrews	Dble V-Joint Center Match/116	5 1/2"
13	1604 Andrews	Double Teardrop/117	5 1/4"-5 1/2"
14	1606 Andrews	Double Teardrop/117	5 1/4"-5 1/2"
15	1607 Andrews	Front: Dble V-Joint Center Match/116 Rear: Teardrop	Front: 5 1/2" Rear: 5 1/4"-5 1/2"
16	1608 Andrews	Double Teardrop/117	5 1/4"-5 1/2"
17	1609 Andrews	Front: Dble V-Joint Center Match/116 Rear: Teardrop	Front: 5 1/2" Rear: 5 1/4"-5 1/2"
18	1309 Gillette	Double Teardrop/117	5 1/4"-5 1/2"
19	1310 Gillette	Double Teardrop/117	5 1/4"-5 1/2"
20	1313 Gillette	Double Teardrop/117	5 1/4"-5 1/2"
21	1315 Gillette	Double Teardrop/117	5 1/4"-5 1/2"
22	1602 Ruthven	Double Teardrop/117	5 1/4"-5 1/2"