



STATE OF DELAWARE
DEPARTMENT OF TRANSPORTATION
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July 10, 2015

Contract No. T201280103.01
MIDDLETOWN CREW QUARTERS AND MAINTENANCE SHOP
New Castle County

Ladies and Gentlemen:

Enclosed is Addendum No. 2 for the referenced contract consisting of the following:

1. **The date for the receipt of bids has been moved to Tuesday, July 21, 2015.**
2. Four (4) pages, Appendix A, Section 074600-Siding, has been added.
3. One (1) page, Table of Contents, page TOC-1, revised to be substituted for the same page in Appendix A.

Please note the revision listed above and submit your bid based upon this information.

Sincerely,

signature on file

James H. Hoagland
Contract Services Administrator

:jhh
Enclosure

STATE OF DELAWARE



DEPARTMENT OF TRANSPORTATION

BID PROPOSAL

for

CONTRACT T201280103.01

MIDDLETOWN CREW QUARTERS AND MAINTENANCE SHOP

NEW CASTLE COUNTY

ADVERTISEMENT DATE: June 1, 2015

PROSPECTIVE BIDDERS ARE ADVISED THAT THERE WILL BE A MANDATORY PRE-BID MEETING THURSDAY JUNE 11, 2015 AT 2:00 P.M. IN THE DelDOT ADMINISTRATION BUILDING, 800 BAY ROAD, DOVER, DELAWARE, 19903.

COMPLETION TIME: 250 Calendar Days

SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION
DELAWARE DEPARTMENT OF TRANSPORTATION
AUGUST 2001

Bids will be received in the Bidder's Room at the Delaware Department of Transportation's Administration Building, 800 Bay Road, Dover, Delaware until 2:00 P.M. local time ~~July 7, 2015~~ ~~July 14, 2015~~ **July 21, 2015**

SECTION 074600

SIDING

PART 1 - DESCRIPTION

1.1 SUMMARY

- A. Section includes fiber-cement siding.

1.2 ACTION SUBMITTALS

- A. Product Data: For each type of product indicated.
- B. Samples: For siding including related accessories.

1.3 INFORMATIONAL SUBMITTALS

- A. Product certificates.
- B. Product test reports.
- C. Warranty: Sample of special warranty.

1.4 CLOSEOUT SUBMITTALS

- A. Maintenance data.

1.5 MAINTENANCE MATERIAL SUBMITTALS

- A. Furnish extra materials that match products installed and that are packaged with protective covering for storage and identified with labels describing contents.
 - 1. Furnish full lengths of siding including related accessories, in a quantity equal to 2 percent of amount installed.

1.6 QUALITY ASSURANCE

- A. Labeling: Provide fiber-cement siding that is tested and labeled according to ASTM C 1186 by a qualified testing agency acceptable to authorities having jurisdiction.

- B. Source Limitations: Obtain siding, including related accessories, from single source from single manufacturer.

1.7 WARRANTY

- A. Special Warranty: Standard form in which manufacturer agrees to repair or replace siding that fail(s) in materials or workmanship within specified warranty period.
 - 1. Warranty Period: 30 years from date of Substantial Completion.

PART 2 - MATERIALS

2.1 FIBER-CEMENT SIDING

- A. General: ASTM C 1186, Type A, Grade II, fiber-cement board, noncombustible when tested according to ASTM E 136; with a flame-spread index of 25 or less when tested according to ASTM E 84.
 - 1. Manufacturers: Subject to compliance with requirements, **provide products by one of the following:**
 - a. Cemplank.
 - b. CertainTeed Corp.
 - c. James Hardie.
 - d. MaxiTile, Inc; a California corporation.
 - e. Nichiha Fiber Cement.
 - 2. Horizontal Pattern: Boards **8-1/4 to 8-1/2 inches (210 to 216 mm)** wide in beaded-edge style.
 - a. Texture: Smooth
 - 3. Factory Finish: Manufacturer's standard prefinished color as selected by Architect from manufacturer's full range of industry colors.

2.2 ACCESSORIES

- A. Siding Accessories, General: Provide starter strips, edge trim, outside and inside corner caps, and other items as recommended by siding manufacturer for building configuration.
 - 1. Provide accessories made from same material as adjacent siding unless otherwise indicated.
- B. Flashing: Provide aluminum flashing complying with Section 076200 "Sheet Metal Flashing and Trim" at window and door heads and where indicated.

C. Fasteners:

1. For fastening to wood, use siding nails of sufficient length to penetrate a minimum of 1 inch (25 mm) into substrate.
2. For fastening fiber cement, use hot-dip galvanized fasteners.

PART 3 - CONSTRUCTION METHODS

3.1 EXAMINATION

- A. Examine substrates for compliance with requirements for installation tolerances and other conditions affecting performance of siding and related accessories.
- B. Proceed with installation only after unsatisfactory conditions have been corrected.

3.2 INSTALLATION

- A. General: Comply with siding manufacturer's written installation instructions applicable to products and applications indicated unless more stringent requirements apply.
 1. Do not install damaged components.
- B. Install fiber-cement siding and related accessories.
 1. Install fasteners no more than **24 inches (600 mm)** o.c.
- C. Install joint sealants as specified in Section 079200 "Joint Sealants" and to produce weathertight installation.

3.3 ADJUSTING AND CLEANING

- A. Remove damaged, improperly installed, or otherwise defective materials and replace with new materials complying with specified requirements.
- B. Clean finished surfaces according to manufacturer's written instructions and maintain in a clean condition during construction.

PART 4 - METHOD OF MEASUREMENT

4.1 METHOD OF MEASUREMENT

- A. No separate measurement shall be made for work under this section.

PART 5 - BASIS OF PAYMENT

5.1 METHOD OF PAYMENT

- A. No separate payment will be made for work under this Specification Section. The cost of the work, complete in place, described in this Specification Section shall be included in the respective Lump Sum Bid.
- B. Costs include all labor, material, services and equipment necessary to complete the work in every respect.

END OF SECTION

763569-Buildings

This specification is for the work associated with the construction of a new Crew Quarters building at the Middletown Yard. The facilities design for the Crew Quarters is for an approximately 3000 SF single story slab-on-grade structure.

<u>SECTION</u>	<u>SECTION TITLE</u>
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<u>DIVISION 01</u>	<u>GENERAL REQUIREMENTS</u>
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011000	Summary
012500	Substitution Procedures
012600	Contract Modification Procedures
012900	Payment Procedures
013100	Project Management and Coordination
013300	Submittal Procedures
017300	Execution
017700	Closeout Procedures

<u>DIVISION 03</u>	<u>CONCRETE</u>
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033000	Cast-In-Place Concrete
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<u>DIVISION 04</u>	<u>MASONRY</u>
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042200	Concrete Unit Masonry
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<u>DIVISION 05</u>	<u>METALS</u>
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051200	Structural Steel Framing
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<u>DIVISION 06</u>	<u>WOOD, PLASTICS, AND COMPOSITES</u>
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061000	Rough Carpentry
061600	Sheathing
061800	Glued-Laminated Construction
064116	Plastic-Laminate-Faced Architectural Cabinets

<u>DIVISION 07</u>	<u>THERMAL AND MOISTURE PROTECTION</u>
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071113	Bituminous Dampproofing
072100	Thermal Insulation
072500	Weather Barriers
073113	Asphalt Shingles
074600	Siding
076200	Sheet Metal Flashing and Trim
079200	Joint Sealants