

**ADDENDUM NUMBER 3  
Prepared by  
M. B. Kahn Construction Co., Inc.  
Construction Management Division  
Columbia, SC  
The Boudreaux Group  
Columbia, SC  
Date of issue: February 9, 2012**

The following items take precedence over the referenced portion of the bidding documents for the above referenced project and in executing a contract shall become part thereof.

**ATTACHMENTS:**

- No. 1 Addendum No. 3 by The Boudreaux Group, dated February 9, 2012, three (3) pages

**End of Addendum No. 3**

**ADDENDUM NUMBER THREE**

for

**RCRC Headquarters and Maintenance Building  
Project No.: R-715-10**

COLUMBIA, SOUTH CAROLINA

PREPARED BY:

The Boudreaux Group 1330 Lady Street Suite 500, Columbia, South Carolina 29201

DATE OF ISSUE: February 9, 2012

TO: ALL BIDDERS OF RECORD, CONSULTANTS, OWNER:

The following items shall take precedence over the drawings and specifications for the above named project and shall become a part of the contract documents. Where any item called for in the specifications, or indicated on the drawings, is not supplemented hereby, the original requirements shall remain in effect. Where any original item is amended, voided or superseded hereby, the provisions of such item not specifically amended, voided or superseded shall remain in effect.

**CONTRACTOR SHALL ACKNOWLEDGE RECEIPT OF ADDENDUM.**

This addendum consists of 3 page and the following attachments:

**I) Architectural:**

- 1) On sheet A8.1, the finishing of Wood Wallcovering (WDW1) is to be a factory finish with color and species to be selected from manufacturers full range of options.
- 2) The rigid insulation behind the Unit Masonry is covered under section 2.9 of 042000-10. This is a 2-inch rigid insulation board and should be R-10.
- 3) The rigid insulation behind the Adhered Stacked Stone Masonry Veneer is covered under section 2.4 of 044313-4. This is a 3" rigid insulation board and should be R-15.
- 4) The rigid insulation behind the EIFS is covered under section 2.2F of 072419-6. I have two different thicknesses indicated in the drawings. One is 3" rigid insulation board behind the EIFS of the parapet walls and should be R-15. The other is (2) layers of 2" rigid insulation behind the EIFS on the large pop up volume of the building and should be R-20.
- 5) The sound batt insulation is covered in section 2.1 of 072100-3.
- 6) The R-13 batt insulation indicated in 2/A6.7 is covered in section 2.1 of 072100-3.
- 7) The R-30 batt insulation indicated on A9.1 is covered in section 2.1 of 072100-3.
- 8) The insulation for the walls and roof of the Maintenance building (metal building structure) is covered in 2.8 of 133419-13.

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9) The rigid insulation under the metal roof of the Headquarters Building is as follows and should be included in section 072100.

A) THERMAL INSULATION FOR FIELD-ASSEMBLED METAL ROOF PANELS

- 1 Extruded-Polystyrene Board Insulation: ASTM C 578, Type IV, 1.60-lb/cu. Ft (26-kg/cu. M) minimum density, unless otherwise indicated; with maximum flame spread and smoke developed indexes of 75 and 450 respectively.
- 2 Insulation shall be Styrofoam DECKMATE Plus (extruded polystyrene) meeting ASTM C-578 Type X as manufactured by Dow Chemical or Equal.
- 3 Insulation shall have shipped-lapped edges on the 8 foot sides.
- 4 Insulation shall be tested in accordance with NFPA 285, 1989 Edition (UBC 26.9, intermediate scale multistory testing)
  - (a) Manufacturers:
    - (i) The Dow Chemical Company. (2) layers of 2" for R-20
    - (ii) Equal product.

B) THERMAL INSULATION INSTALLATION FOR FIELD-ASSEMBLED METAL ROOF PANELS

- 1 Board Insulation: Extend insulation in thickness indicated to cover entire roof. Install in accordance with manufacturer's written instructions. Seal all top joints with specified tape continuous for full perimeter of all boards.

10) Also included in section 072100 should be the vapor barrier on top of the rigid insulation detailed on the roof of the Headquarters Building as indicated on detail 2/A6.7.

A) VAPOR RETARDER APPLIED ON TOP OF RIGID INSULATION UNDER ROOF PANELS

- 1 Reinforced-Polyethylene Vapor Retarders: Two outer layers of polyethylene film laminated to an inner reinforcing layer consisting of either nylon cord or polyester scrim and weighing not less than 25 lb/1000 sq. ft. (12 kg/100 sq. m), with maximum permeance rating of 0.0507 perm (2.9 ng/Pa x s x sq. m).
  - (a) Products: Subject to compliance with requirements, available products that may be incorporated into the Work include, but are not limited to, the following:
    - (i) Raven Industries Inc.; DURA-SKRIM 6WW.
    - (ii) Reef Industries, Inc.; Griffolyn T-65.
    - (iii) Or Equal
- 2 Vapor-Retarder Tape: Pressure-sensitive tape of type recommended by vapor-retarder manufacturer for sealing joints and penetrations in vapor retarder.
- 3 Vapor-Retarder Fasteners: Pancake-head, self-tapping steel drill screws; with fender washers.
- 4 Single-Component Nonsag Urethane Sealant: ASTM C 920, Type I, Grade NS, Class 25, Use NT related to exposure, and Use O related to vapor-barrier-related substrates.
- 5 Adhesive for Vapor Retarders: Product recommended by vapor-retarder manufacturer and has demonstrated capability to bond vapor retarders securely to substrates indicated.

B) INSTALLATION OF VAPOR RETARDER

- 1 Place vapor retarders on side of construction indicated on Drawings. Extend vapor  
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retarders to extremities of areas to protect from vapor transmission. Secure vapor retarders in place with adhesives or other anchorage system as indicated. Extend vapor retarders to cover miscellaneous voids in insulated substrates, including those filled with loose-fiber insulation.

- 2 Seal vertical joints in vapor retarders over framing by lapping no fewer than two studs.
  - (a) Fasten vapor retarders to wood framing at top, end, and bottom edges; at perimeter of wall openings; and at lap joints. Space fasteners 16 inches (406 mm) o.c.
  - (b) Before installing vapor retarders, apply urethane sealant to flanges of metal framing including runner tracks, metal studs, and framing around door and window openings. Seal overlapping joints in vapor retarders with vapor-retarder tape according to vapor-retarder manufacturer's written instructions. Seal butt joints with vapor-retarder tape. Locate all joints over framing members or other solid substrates.
  - (c) Firmly attach vapor retarders to metal framing and solid substrates with vapor-retarder fasteners as recommended by vapor-retarder manufacturer.
- 3 Seal joints caused by pipes, conduits, electrical boxes, and similar items penetrating vapor retarders with vapor-retarder tape to create an airtight seal between penetrating objects and vapor retarders.
- 4 Repair tears or punctures in vapor retarders immediately before concealment by other work. Cover with vapor-retarder tape or another layer of vapor retarders.