



COMMONWEALTH of VIRGINIA

DEPARTMENT OF TRANSPORTATION
1401 EAST BROAD STREET
RICHMOND, VIRGINIA 23219 2000

Charles A. Kilpatrick, P.E.
Commissioner

April 20, 2017

ADDENDUM NUMBER THREE

TO ALL PLANHOLDERS: **VDOT Charlottesville Old Residency: Interior Renovation & Roof Replacement**

Contractual Work – IFB 153857-TW

Project Code – 501-A6501-009

Bid Receipt Date: 2:00 P.M. (ET) May 1, 2017

Bid Opening Date: 2:00 P.M. (ET) May 2, 2017

Ladies and Gentlemen:

This Addendum Number Three shall be added to and shall become a part of the original bid documents.

The bid closing and opening dates have been changed as shown above.

- **Addendum Number Three sealed April 18, 2017, by William L. Allen (6 pages) including Pre-Bid questions and answers and Specification Section 096519.**

Acknowledgement of receiving this addendum must be shown on the bid form in the space provided or your bid may be rejected.

Sincerely,

A handwritten signature in black ink, appearing to read "Tamerra D. Webb".

Tamerra D. Webb, VCCO
Contract Officer



1115 Vista Park Drive
Forest, Virginia 24551
(434) 316-6001 ♦ (434) 316-6002 Fax

ADDENDUM NO. 3 INPUT

(6 pages including attachments)

PROJECT INFORMATION

Owner: Virginia Dept. of Transportation	Owner's Project Mgr.: Leland Chen
Project Title: Old Charlottesville Residency Interior Renovation and Roof Replacement	Owner's Project Code: 501-A6501-009
	A/E Project Mgr.: Bill Allen, PE
	A/E Project No.: 14150
Project Location: Culpeper District	Bids Due: Refer to VDOT Addendum Cover Letter
IFB No.: 153857-TW	Bids Opened:

The following constitutes Addendum No. 3 for the referenced project. Bidders must acknowledge receipt of all addenda as required on the bid form.



1. RESPONSE TO PRE-BID QUESTIONS

- a. Question: Drawings A1 & A3, Specification Section 095123, pages 2 & 3: What is the acoustical ceiling product number and what is the acoustical ceiling grid size?
- Response: Specification Section 095123 includes performance based criteria in Parts 2.3, 2.4, 2.5, and 2.6 for the ceiling and ceiling grid suspension system. Ceiling grid is typically selected to work with ceiling tile based upon stated performance criteria.
- b. Question: Drawing A1, Specification Section 096513: The finish schedule indicates that VCT flooring is to be provided at several locations, however there are no specific products identified. It appears that the specs do not include a VCT specification. 096513 does not include VCT. What VCT product/specification should be used for pricing?
- Response: Refer to attached Specification Section 096519.

2. CHANGES TO DRAWINGS AND SPECIFICATIONS

- a. Add attached Specification Section 096519 to project manual.
- b. Change type "O" light fixture to a RAB model WPLED26MS or approved equal with design and function similar to existing wall mounted fixtures. Finish shall be dark bronze to match existing. Control shall be per Note 6 in the Light Fixture Schedule.
- c. Change type "PT1" parking lot light fixture to a RAB model ALED3T125/PC LED area light or approved equal with design and function similar to the existing pole mounted light fixtures. Finish shall be dark bronze to match existing.
- d. Light fixture type "M" shall be dark bronze finish.

April 17, 2017 Addendum No. 3 Input
VDOT Old Charlottesville Residency Interior Renovation & Roof Replacement
IFB No. 153857-TW
Project Code No. 501-A6501-009
VAE Project No. 14150
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- e. Specification Section 085113, Aluminum Windows: Revise 2.3.D. to read as follows:
- D. Insulating-Glass Units: ASTM E 2190. Refer to Specification Section 088000 for glazing.
- f. Specification Section 088000, Glazing: Revise as follows:
- Part 1.2, Summary:
 - Section A., Add Item 3. Aluminum Windows.
 - Section B., Add Item 2. Section 085113 "Aluminum Windows."
 - Part 1.4, Performance Requirements, Section C:
 - Revise Item 2. to read: U-Factor: 0.693 maximum.
 - Revise Item 3. to read: Solar Heat-Gain Coefficient: 0.36 maximum.
 - Part 2.3, Insulating Glass:
 - Section A.: Change Basis of Design Product to Solarban 70XL (2) + Clear Insulating Glass.
 - Part 2.9, Insulating-Glass Types:
 - Section A.: Revise to read: Glass Type for Storefronts: Insulating Glass.
 - Item 3.: Revise to read: Outdoor Lite: Fully tempered float glass.
 - Section B.: Add the following:
 - B. Glass Type for Aluminum Windows: Insulating glass.
 - 1. Overall Unit Thickness: As required to meet performance requirements.
 - 2. Thickness of Each Glass Lite: 6.0 mm.
 - 3. Outdoor Lite: Fully tempered float glass.
 - 4. Interspace Content: Argon as required to meet performance requirements.
 - 5. Indoor Lite: Clear fully tempered float glass.
 - 6. Coating Location: As required to meet performance requirements.
 - 7. U-Factor: 0.405 maximum.
 - 8. Solar Heat Gain Coefficient: 0.36 maximum.
 - 9. Provide safety glazing labeling where required.

Attachment: Specification Section 096519 (4 pages)

END OF ADDENDUM INPUT

SECTION 096519 - RESILIENT TILE FLOORING

PART 1 - GENERAL

1.1 RELATED DOCUMENTS

- A. Drawings and general provisions of the Contract, including General and Supplementary Conditions and Division 01 Specification Sections, apply to this Section.

1.2 SUMMARY

- A. Section Includes:
 - 1. Vinyl composition floor tile.

1.3 ACTION SUBMITTALS

- A. Product Data: For each type of product.
- B. Samples for Initial Selection: For each type of floor tile indicated.
- C. Samples for Verification: Full-size units of each color and pattern of floor tile required.

1.4 INFORMATIONAL SUBMITTALS

- A. Qualification Data: For Installer.

1.5 CLOSEOUT SUBMITTALS

- A. Maintenance Data: For each type of floor tile to include in maintenance manuals.

1.6 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. Floor Tile: Furnish one box for every 50 boxes or fraction thereof, of each type, color, and pattern of floor tile installed.

1.7 QUALITY ASSURANCE

- A. Installer Qualifications: A qualified installer who employs workers for this Project who are competent in techniques required by manufacturer for floor tile installation and seaming method indicated.

1.8 DELIVERY, STORAGE, AND HANDLING

- A. Store floor tile and installation materials in dry spaces protected from the weather, with ambient temperatures maintained within range recommended by manufacturer, but not less than 50 deg F or more than 90 deg F. Store floor tiles on flat surfaces.

1.9 FIELD CONDITIONS

- A. Maintain ambient temperatures within range recommended by manufacturer, but not less than 70 deg F or more than 95 deg F, in spaces to receive floor tile during the following time periods:
 - 1. 48 hours before installation.
 - 2. During installation.
 - 3. 48 hours after installation.
- B. After installation and until Substantial Completion, maintain ambient temperatures within range recommended by manufacturer, but not less than 55 deg F or more than 95 deg F.
- C. Close spaces to traffic during floor tile installation.
- D. Close spaces to traffic for 48 hours after floor tile installation.
- E. Install floor tile after other finishing operations, including painting, have been completed.

PART 2 - PRODUCTS

2.1 VINYL COMPOSITION FLOOR TILE

- A. Manufacturers: Subject to compliance with requirements, provide products by one of the following:
 - 1. Armstrong World Industries, Inc.
 - 2. Azrock.
 - 3. Congoleum Corporation.
 - 4. Mannington Mills, Inc.
- B. Tile Standard: ASTM F 1066, Class 2, through-pattern tile.
- C. Wearing Surface: Smooth.
- D. Thickness: 0.125 inch.
- E. Size: 12 inches by 12 inches.
- F. Colors and Patterns: As selected by Owner from full range of industry colors.

2.2 INSTALLATION MATERIALS

- A. Trowelable Leveling and Patching Compounds: Latex-modified, portland cement based or blended hydraulic-cement-based formulation provided or approved by floor tile manufacturer for applications indicated.
- B. Adhesives: Water-resistant type recommended by floor tile and adhesive manufacturers to suit floor tile and substrate conditions indicated.
- C. Floor Polish: Provide protective, liquid floor-polish products recommended by floor tile manufacturer.

PART 3 - EXECUTION

3.1 EXAMINATION

- A. Examine substrates, with Installer present, for compliance with requirements for maximum moisture content and other conditions affecting performance of the Work.
 - 1. Verify that finishes of substrates comply with tolerances and other requirements specified in other Sections and that substrates are free of cracks, ridges, depressions, scale, and foreign deposits that might interfere with adhesion of floor tile.
- B. Proceed with installation only after unsatisfactory conditions have been corrected.

3.2 PREPARATION

- A. Prepare substrates according to floor tile manufacturer's written instructions to ensure adhesion of resilient products.
- B. Concrete Substrates: Prepare according to ASTM F 710.
 - 1. Verify that substrates are dry and free of curing compounds, sealers, and hardeners.
 - 2. Remove substrate coatings and other substances that are incompatible with adhesives and that contain soap, wax, oil, or silicone, using mechanical methods recommended by floor tile manufacturer. Do not use solvents.
 - 3. Alkalinity and Adhesion Testing: Perform tests recommended by floor tile manufacturer. Proceed with installation only after substrate alkalinity falls within range on pH scale recommended by manufacturer in writing, but not less than 5 or more than 9 pH.
 - 4. Moisture Testing: Proceed with installation only after substrates pass testing according to floor tile manufacturer's written recommendations, but not less stringent than the following:
 - a. Perform anhydrous calcium chloride test according to ASTM F 1869. Proceed with installation only after substrates have maximum moisture-vapor-emission rate of 3 lb of water/1000 sq. ft. in 24 hours.
 - b. Perform relative humidity test using in situ probes according to ASTM F 2170. Proceed with installation only after substrates have a maximum 75 percent relative humidity level.
- C. Fill cracks, holes, and depressions in substrates with trowelable leveling and patching compound; remove bumps and ridges to produce a uniform and smooth substrate.
- D. Do not install floor tiles until they are the same temperature as the space where they are to be installed.
 - 1. At least 48 hours in advance of installation, move resilient floor tile and installation materials into spaces where they will be installed.
- E. Immediately before installation, sweep and vacuum clean substrates to be covered by resilient floor tile.

3.3 FLOOR TILE INSTALLATION

- A. Comply with manufacturer's written instructions for installing floor tile.
- B. Lay out floor tiles from center marks established with principal walls, discounting minor offsets, so tiles at opposite edges of room are of equal width. Adjust as necessary to avoid using cut widths that equal less than one-half tile at perimeter. Notify Architect/Engineer of any conflicts prior to tile installation.
 - 1. Lay tiles square with room axis.
- C. Match floor tiles for color and pattern by selecting tiles from cartons in the same sequence as manufactured and packaged, if so numbered. Discard broken, cracked, chipped, or deformed tiles.
- D. Scribe, cut, and fit floor tiles to butt neatly and tightly to vertical surfaces and door frames.
- E. Maintain reference markers, holes, and openings that are in place or marked for future cutting by repeating on floor tiles as marked on substrates. Use chalk or other nonpermanent marking device.
- F. Adhere floor tiles to flooring substrates per manufacturer's instructions.

3.4 CLEANING AND PROTECTION

- A. Comply with manufacturer's written instructions for cleaning and protecting floor tile.
- B. Perform the following operations immediately after completing floor tile installation:
 - 1. Remove adhesive and other blemishes from exposed surfaces.
 - 2. Sweep and vacuum surfaces thoroughly.
 - 3. Damp-mop surfaces to remove marks and soil.
- C. Protect floor tile from mars, marks, indentations, and other damage from construction operations and placement of equipment and fixtures during remainder of construction period.
- D. Floor Polish: Remove soil, adhesive, and blemishes from floor tile surfaces per manufacturer's instructions and follow manufacturer's recommendations for application of floor polish.
 - 1. Apply number of coat(s) recommended by manufacturer.
- E. Cover floor tile until Substantial Completion.

END OF SECTION 096519