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DHSS HOLLOWAY ELEVATOR UPGRADES

ADMINISTRATION BUILDING

**HOLLOWAY CAMPUS, NEW CASTLE, DELAWARE
DBF #0586B035.W01 ♦ OMB/DFM# MC3501000041
MARCH 30, 2017**

ADDENDUM NO. 2

The following items shall become a part of the contract documents. Contractor must acknowledge receipt of this addendum on the Bid Form. Failure to do so may subject the Bidder to disqualification.

Item No. 1 Requests for Information are addressed as follows:

1. Question: *It is specified for there to be a sump pump added, but there is no mention of an oil minder for the sump pump. Will the oil minder be required and if so, where would the preferred location be for the alarm panel?*

Response: The specified model is a prepackaged pump and alarm system with oil detection. Refer to Specification section 22 14 29 Sump Pumps for complete specifications. There were no substitution requests.

2. Question: *It was mentioned in the meeting that a rubber tile flooring would be preferred over the VCT specified. Can you please specify the rubber tile preferred?*

Response: Although this question refers to the Annex Building elevator, we will also be replacing Administration Building elevator cab flooring with rubber tile flooring as per Items No. 4 and 7 of this addendum below.

3. Question: *Can Innovation fixtures be substituted for the specified Unitec Express Fixtures in the; General, Car Control Station, Car Position Indicator, Hall Push-Button Stations, Hall Lanterns and Hall Annunciator Specifications?*

Response: Yes, provided they meet or exceed the quality and performance of the basis-of-design products.

4. Question: ***The Firefighter's Service Phase I & II upgrade to ASME A17.1-2010 Code would not be required if the controls are not upgraded. Can you please specify that the upgrade is required?***

Response: Alternate No. 1 of this contract includes replacement of the controller. Therefore the Alternate bid requires the 2010 compliant version of the controls. If the Alternate is not accepted, then the Fire recall upgrade is not required.

5. Question: ***Is the sump pit in the hoistway new or existing?***

Response: The pit for the new submersible pump is new and is detailed on the Architectural Drawings.

6. Question: ***To clarify [Spec Section 14 21 00] Article 2.7 Signal Equipment, Paragraph G. Travel Lanterns, Sentence 1: "Units mounted in car jamb frame." Is that meant to be a traveling lantern in the car entrance frames?***

Response: No, We are replacing the existing HPI with Direction Arrows in the same location that is on each floor (Above the Entrance on typical floors and on the Side of the Entrance at the other.

Item No. 2 See attached Drawing Sketch A9.1. A wood stair system in the Attic will be included in Alternate No. 1 to access the Equipment Room above the elevator shaft.

Item No. 3 Refer to Drawing Sheet D1.1 DEMOLITION KEYNOTES: Add the following sentence at the end of Keynote #D3:
"Remove carpet and resilient base throughout cab."

Item No. 4 Refer to Drawing Sheet A1.1:

- Refer to KEYNOTES: Add the following sentence at the end of Keynote #4:
"Provide rubber floor tile and resilient base throughout cab."
- Refer to Detail E13 SUMP PIT DETAIL: Revise the dimension for the depth of the new sump pit from "2'-0" MIN." to read "3'-0".

Item No. 5 Refer to Drawing Sheet E10-01: Add the following clarification: All receptacles in hoistway for sump pump & control panel shall be set 72" above pit floor.

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- Item No. 6 Refer to Specification Section 00 41 13 BID FORM: Replace page 1 with the attached. A sentence was added to the description on Alternate Number 1.
- Item No. 7 Refer to Specification Section 01 23 00 ALTERNATES: In Part 3, Paragraph A, add the following sentence at the end of "Alternate No. 1":
- Provide stair and landing in Attic as indicated in Addendum No. 2.
- Item No. 8 See attached Specification Section 09 65 19 RESILIENT TILE FLOORING. Add this Section in its entirety.

END OF ADDENDUM

SECTION 09 65 19
RESILIENT TILE FLOORING

PART 1 - GENERAL

1.1 SUMMARY

A. Section Includes:

1. Rubber floor tile.

1.2 ACTION SUBMITTALS

A. Product Data: For each type of product.

B. Samples: Full-size units of each color and pattern of floor tile required.

1.3 CLOSEOUT SUBMITTALS

A. Maintenance data.

PART 2 - PRODUCTS

2.1 PERFORMANCE REQUIREMENTS

A. Fire-Test-Response Characteristics: For resilient tile flooring, as determined by testing identical products according to ASTM E 648 or NFPA 253 by a qualified testing agency.

1. Critical Radiant Flux Classification: Class I, not less than 0.45 W/sq. cm.

2.2 MANUFACTURERS

A. Manufacturers: Subject to compliance with requirements, provide products by one of the following:

1. Rubber Tile Flooring:
 - a. Roppe Corporation
 - b. Johnsonite
 - c. Mannington Mills, Inc.
 - d. Nora Systems, Inc.
 - e. PRF USA, Inc.
 - f. RLA Rubber Company
 - g. YPI Corporation

- h. American Biltrite
- i. Approved Equal

2.3 RUBBER FLOOR TILE

- A. Basis of Design Product: Roppe Corporation, Raised Design Rubber Tile.
- B. Tile Standard: ASTM F 1344, Class I-A, homogeneous rubber tile, solid color.
- C. Hardness: Manufacturer's standard hardness, measured using Shore, Type A durometer per ASTM D 2240.
- D. Wearing Surface: Molded pattern.
 - 1. Molded-Pattern Figure: Raised discs.
- E. Thickness: 0.125 inch (3.2 mm).
- F. Size: 24 by 24 inches (610 by 610 mm).
- G. Color: As selected by Architect from manufacturer's standard range of colors.

2.4 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.

PART 3 - EXECUTION

3.1 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.
- C. Access Flooring Panels: Remove protective film of oil or other coating using method recommended by access flooring manufacturer.

- D. Fill cracks, holes, and depressions in substrates with trowelable leveling and patching compound; remove bumps and ridges to produce a uniform and smooth substrate.
- E. Do not install floor tiles until they are the same temperature as the space where they are to be installed.
- F. Immediately before installation, sweep and vacuum clean substrates to be covered by resilient floor tile.

3.2 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.
 - 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.
 - 1. Lay tiles with grain running in one direction.
- D. Scribe, cut, and fit floor tiles to butt neatly and tightly to vertical surfaces and permanent fixtures including built-in furniture, cabinets, pipes, outlets, and door frames.
- E. Extend floor tiles into toe spaces, door reveals, closets, and similar openings. Extend floor tiles to center of door openings.
- F. 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.
- G. Install floor tiles on covers for telephone and electrical ducts, building expansion-joint covers, and similar items in finished floor areas. Maintain overall continuity of color and pattern between pieces of tile installed on covers and adjoining tiles. Tightly adhere tile edges to substrates that abut covers and to cover perimeters.
- H. Adhere floor tiles to flooring substrates using a full spread of adhesive applied to substrate to produce a completed installation without open cracks, voids, raising and puckering at joints, telegraphing of adhesive spreader marks, and other surface imperfections.

3.3 CLEANING AND PROTECTION

- A. Comply with manufacturer's written instructions for cleaning and protecting floor tile.

B. Cover floor tile until Substantial Completion.

END OF SECTION