

**Addendum #1**

Date: September 20, 2019

Project: Carvel State Office Building -  
1<sup>st</sup> and Mezzanine Restroom Renovations

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The work herein shall be considered part of the bid documents for the referenced project and carried out in accordance with the following supplemental instructions issued in accordance with the Contract Documents without change in Contract Sum or Contract Time. Acknowledge receipt of addendum on the bid form as indicated.

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**Clarifications**

1. Pre-Bid Meeting Minutes attached.
2. Pre-Bid sign-in sheet attached.

**Changes to the specifications**

1. Added specifications – 09 65 00 Resilient Flooring
2. Added specifications – 10 51 00 Lockers
3. Remove specifications – 09 68 00 Carpeting

**END**

## Pre Bid Meeting

Date: September 18, 2019

Project: Carvel State Office Building -  
First Floor and Mezzanine Restroom Renovations

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The work herein shall be considered part of the bid documents for the referenced project and carried out in accordance with the following supplemental instructions issued in accordance with the Contract Documents without change in Contract Sum or Contract Time. Acknowledge receipt of addendum on the bid form as indicated.

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### General

1. Bids due 2:00pm on Tuesday, October 15<sup>th</sup>, 2019 at the OMB/DFM office located in the Thomas Collins Building at 540 S. DuPont Highway, Suite 1, 3<sup>rd</sup> Floor in Dover.
2. The deadline for RFIs to StudioJAED is Tuesday October 8<sup>th</sup>, 2019 at 4:00 pm.
3. RFI and questions are to be submitted via email to Gabe Cheung at StudioJAED. [cheungg@studiojaed.com](mailto:cheungg@studiojaed.com)

### Pre Bid Meeting Minutes

1. Introductions
2. Review Scope

In general, the scope of work includes the following:

#### Scope of Work

Project involves the renovation of restrooms on the first floor and mezzanine. There are two stacked gang bathrooms on the east of the building. On the west side, there is a single user toilet on the first floor, mens and womens restrooms by the Cafeteria, new single user ADA restroom adjacent to it, and mens and womens toilet and shower room by the old DFM space. General demolition walls, floors, ceilings, plumbing, etc. in order to provide clearances for accessibility. New finishes include tile floors and walls, new partitions, new plumbing fixtures, new showers, etc.

It is expected that the east side will be completed first, followed by the side, in order to keep restrooms accessible on each floor.

3. Review Bid Form
  - a. Complete forms as presented, do not edit or alter.
  - b. Provide all information requested in full or bid will not be accepted.
  - c. Employee drug testing form is required from general contractor.
  - d. Acknowledge all addendums as individual items.
  - e. Include a copy of your business license, not just a number.
4. Review Sub Contractor List
  - a. Carpentry, Painting, Electrical, Plumbing, Fire Suppression, Flooring, HVAC, Tile/Flooring, Fire Alarm
5. Review Alternates
  - a. Alternate: None
6. Review Allowances
  - a. Allowance: \$20,000
7. Prevailing Wage Project
  - a. Rates included in specifications.
8. Schedule
  - a. Anticipate prompt award and commencement after bids are received.

- b. Schedule to be presented by contractor upon contract awarded.  
Estimated duration of construction to be four months from award.
- 9. Lay Down Area, Security and Occupancy
  - a. All immediate areas adjacent to construction will be occupied for the duration of the project by staff. Contractor is responsible for coordinating with the administration on each floor, capitol police, facilities, on a daily basis as to location of work etc. Contractor to provide all measures for pedestrian control and safe occupant passage for project duration.
- 10. Walkthrough of all areas of work scheduled for **Wednesday, October 2<sup>nd</sup>, at 9AM**. Everyone is to meet in the Lobby. Areas of work that are accessible by the public and viewable anytime are Mens 109, Womens 110, Mens 220, Womens 219, Womens 231, Mens 232, ADA Toilet 235, and Storage 235A.
- 11. No contractor parking provided on site. There is a parking garage under the building, and metered spots on the street.
- 12. Waste removal to happen daily, no space in loading dock for dumpster.

**END**

**HEADQUARTERS**

2500 WRANGLE HILL ROAD  
FOX RUN OFFICE PLAZA, SUITE 110  
BEAR, DE 19701

302.832.1652 **PHONE**  
302.832.1423 **FAX**

ARCHITECTS

ENGINEERS

FACILITIES SOLUTIONS

Project: Carvel State Office Building  
1<sup>st</sup> and Mezzanine Retroom Renovations  
Project No.: 18046  
Date: September 18, 2019

**PRE-BID  
SIGN IN SHEET**

<b>REPRESENTATIVE</b>	<b>FIRM / PHONE / FAX / EMAIL</b>
1. <u>Corey Nichols</u>	<u>Delmarva Veteran Builders</u> <u>443-736-1584</u> <u>443-763-9371</u> <u><a href="mailto:corey@delmarvaveteranbuilders.com">corey@delmarvaveteranbuilders.com</a></u>
2. <u>William Michelinie</u>	<u>BCI</u> <u>302-325-2700</u> <u>302-325-2733</u> <u><a href="mailto:bmichelinie@bci-online.com">bmichelinie@bci-online.com</a></u>
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4. <u>Marc Wolfe</u>	<u>Deldeo Builders Inc.</u> <u>302-791-0243</u> <u>302-791-2245</u> <u><a href="mailto:marcwolfe@mac.com">marcwolfe@mac.com</a></u>
5. <u>Anise Viering</u>	<u>Bancroft Construction</u> <u>302-254-3055</u> <u>No Fax</u> <u><a href="mailto:aviering@bancroftusa.com">aviering@bancroftusa.com</a></u>

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REPRESENTATIVE	FIRM / PHONE / FAX / EMAIL
6. <u>Pat McCarthy</u>	<u>McCarthy Construction, Inc.</u> <u>610-522-1353</u> <u>610-522-9052</u> <u><a href="mailto:pat@mccarthyconstructioninc.com">pat@mccarthyconstructioninc.com</a></u>
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10. <u>Rob Del Campo</u>	<u>State of Delaware</u> <u>302-744-1178</u> <u>No Fax</u> <u><a href="mailto:robert.delcampo@delaware.gov">robert.delcampo@delaware.gov</a></u>

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**REPRESENTATIVE**

**FIRM / PHONE / FAX / EMAIL**

11. Karin Sweeney

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**REPRESENTATIVE**

**FIRM / PHONE / FAX / EMAIL**

15. Brian Smith

BSS Contractors

610-345-1316

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[bsmith@bsscontractor.com](mailto:bsmith@bsscontractor.com)

**SECTION 09 65 00**  
**RESILIENT FLOORING**

**PART 1 GENERAL**

**1.01 SECTION INCLUDES**

- A. Resilient tile flooring with (1) field and (2) accent colors.
- B. Resilient base and pre-molded internal / external corners.
- C. Installation accessories.

**1.02 RELATED REQUIREMENTS**

**1.03 REFERENCE STANDARDS**

- A. ASTM E648 - Standard Test Method for Critical Radiant Flux of Floor-Covering Systems Using a Radiant Heat Energy Source.
- B. ASTM F710 - Standard Practice for Preparing Concrete Floors to Receive Resilient Flooring.
- C. ASTM F1066 - Standard Specification for Vinyl Composition Floor Tile.
- D. ASTM F1303 - Standard Specification for Sheet Vinyl Floor Covering with Backing.
- E. ASTM F1344 - Standard Specification for Rubber Floor Tile.
- F. ASTM F1861 - Standard Specification for Resilient Wall Base.
- G. BAAQMD 8-51 - Bay Area Air Quality Management District Regulation 8, Rule 51, Adhesive and Sealant Products; [www.baaqmd.gov](http://www.baaqmd.gov).
- H. NFPA 253 - Standard Method of Test for Critical Radiant Flux of Floor Covering Systems Using a Radiant Heat Energy Source.
- I. RFCI (RWP) - Recommended Work Practices for Removal of Resilient Floor Coverings; Resilient Floor Covering Institute.
- J. SCAQMD 1168 - South Coast Air Quality Management District Rule No.1168; [www.aqmd.gov](http://www.aqmd.gov).

**1.04 SUBMITTALS**

- A. See Section 01 30 00 - Administrative Requirements, for submittal procedures.
- B. Product Data: Provide data on specified products, describing physical and performance characteristics; including sizes, patterns and colors available; and installation instructions.
- C. Shop Drawings: Indicate seaming plan.
- D. Selection Samples: Submit manufacturer's complete set of color samples for Architect's initial selection.
- E. Verification Samples: Submit two samples, 12x12 inch in size illustrating color and pattern for each resilient flooring product specified.

**1.05 DELIVERY, STORAGE, AND HANDLING**

- A. Protect roll materials from damage by storing on end.

**1.06 FIELD CONDITIONS**

- A. Maintain temperature in storage area between 55 degrees F and 90 degrees F.
- B. Store materials for not less than 48 hours prior to installation in area of installation at a temperature of 70 degrees F to achieve temperature stability. Thereafter, maintain conditions above 55 degrees F.

**1.07 EXTRA MATERIALS**

- A. See Section 01 6000 - Product Requirements, for additional provisions.
- B. Provide 50 sq ft of flooring, 20 lineal feet of base, of each type and color specified.

**PART 2 PRODUCTS****2.01 TILE FLOORING**

- A. Vinyl Composition Tile: Homogeneous, with uniform color extending throughout thickness
  - 1. Minimum Requirements: Comply with ASTM F 1066, of Class corresponding to type specified. Composition 1, class 2.
  - 2. Critical Radiant Flux (CRF): Minimum 0.45 watt per square centimeter, when tested in accordance with ASTM E 648.
  - 3. Size: 12 x 12 inch.
  - 4. Thickness: 0.125 inch.
  - 5. Pattern: Marbleized.
  - 6. Manufacturers:
    - a. Armstrong World Industries, Inc; Product Standard Excelon: [www.armstrong.com](http://www.armstrong.com).
    - b. Substitutions: See Section 01 60 00 - Product Requirements.

**2.02 RESILIENT BASE**

- A. Resilient Base: ASTM F 1861, Type TP, rubber, thermoplastic; Style A, Straight; and Style B, Cove, and as follows:
  - 1. Critical Radiant Flux (CRF): Minimum 0.45 watt per square centimeter, when tested in accordance with ASTM E 648 or NFPA 253.
  - 2. Height: 4 inch,
  - 3. Thickness: 0.125 inch thick.
  - 4. Finish: Satin.
  - 5. Length: Roll.
  - 6. Color: Color as selected from manufacturer's standards.
  - 7. Accessories: Premolded external corners and end stops.
  - 8. Manufacturers:
    - a. Burke Mercer; Product Rubber Myte: [www.burkeflooring.com](http://www.burkeflooring.com).
    - b. Substitutions: See Section 01 60 00 - Product Requirements.

**2.03 ACCESSORIES**

- A. Subfloor Filler: White premix latex; type recommended by adhesive material manufacturer.
- B. Primers, Adhesives, and Seaming Materials: Waterproof; types recommended by flooring manufacturer.
  - 1. Provide only products having lower volatile organic compound (VOC) content than required by the more stringent of the South Coast Air Quality Management District Rule No.1168 and the Bay Area Air Quality Management District Regulation 8, Rule 51.
- C. Moldings and Edge Strips: Metal or metal.
  - 1. Products: manufactured by Burke Mercer = Design Basis.
- D. Filler for Coved Base: Plastic or as recommended by manufacturer.
- E. Sealer and Wax: Types recommended by flooring manufacturer.

**PART 3 EXECUTION****3.01 EXAMINATION**

- A. Verify that sub-floor surfaces are smooth and flat within the tolerances specified for that type of work and are ready to receive resilient flooring.
- B. Verify that wall surfaces are smooth and flat within the tolerances specified for that type of work, are dust-free, and are ready to receive resilient base.
- C. Verify that sub-floor surfaces are dust-free and free of substances that could impair bonding of adhesive materials to sub-floor surfaces.

- D. Verify that concrete sub-floor surfaces are ready for resilient flooring installation by testing for moisture emission rate and alkalinity; obtain instructions if test results are not within the following limits:
1. Moisture emission rate: Not greater than 3 lb per 1000 sq ft per 24 hours when tested using calcium chloride moisture test kit for 72 hours.
  2. Alkalinity: pH range of 5-9.

### 3.02 PREPARATION

- A. Remove existing resilient flooring and flooring adhesives; follow the recommendations of RFCI Recommended Work Practices for Removal of Resilient Floor Coverings.
- B. Remove sub-floor ridges and bumps. Fill minor low spots, cracks, joints, holes, and other defects with sub-floor filler to achieve smooth, flat, hard surface.
- C. Prohibit traffic until filler is cured.
- D. Clean substrate.
- E. Apply primer as required to prevent "bleed-through" or interference with adhesion by substances that cannot be removed.

### 3.03 INSTALLATION

- A. Starting installation constitutes acceptance of sub-floor conditions.
- B. Install in accordance with manufacturer's instructions.
- C. Spread only enough adhesive to permit installation of materials before initial set.
- D. Fit joints tightly.
- E. Set flooring in place, press with heavy roller to attain full adhesion.
- F. Where type of floor finish, pattern, or color are different on opposite sides of door, terminate flooring under centerline of door.
- G. Install edge strips at unprotected or exposed edges, where flooring terminates, and where indicated.
- H. Scribe flooring to walls, columns, cabinets, floor outlets, and other appurtenances to produce tight joints.

### 3.04 TILE FLOORING

- A. Install in accordance with manufacturer's instructions.
- B. Mix tile from container to ensure shade variations are consistent when tile is placed, unless manufacturer's instructions say otherwise.
- C. Spread only enough adhesive to permit installation of materials before initial set.
- D. Set flooring in place, press with heavy roller to attain full adhesion.
- E. Lay flooring with joints and seams parallel or as shown on plans to building lines to produce symmetrical tile pattern.
- F. Install tile to basket weave pattern. Allow minimum 1/2 full size tile width at room or area perimeter.
- G. Where floor finishes are different on opposite sides of door, terminate flooring under centerline of door.
- H. Install edge and termination strips at unprotected or exposed edges, where flooring terminates, and where indicated. Before installation of flooring, secure metal strips with stainless steel screws.
- I. Scribe flooring to walls, columns, cabinets, and other appurtenances to produce tight joints.
- J. Install feature strips and floor markings where indicated. Fit joints tightly.

**3.05 RESILIENT BASE**

- A. Fit joints tightly and make vertical. Maintain minimum dimension of 48 inches between joints.
- B. At external and internal corners, use premolded units. At exposed ends, use premolded units.
- C. Install base on solid backing. Bond tightly to wall and floor surfaces.
- D. Scribe and fit to door frames and other interruptions.

**3.06 CLEANING**

- A. Remove excess adhesive from floor, base, and wall surfaces without damage.
- B. Clean, seal, and wax resilient flooring products in accordance with manufacturer's instructions.

**3.07 PROTECTION**

- A. Prohibit traffic on resilient flooring for 48 hours after installation.

**END OF SECTION**

## SECTION 10 51 00

### LOCKERS

#### PART 1 GENERAL

##### 1.01 SECTION INCLUDES

- A. Metal lockers.

##### 1.02 REFERENCE STANDARDS

- A. ASTM A653/A653M - Standard Specification for Steel Sheet, Zinc-Coated (Galvanized) or Zinc-Iron Alloy-Coated (Galvannealed) by the Hot-Dip Process.

##### 1.03 SUBMITTALS

- A. See Section 01 30 00 - Administrative Requirements, for submittal procedures.
- B. Product Data: Manufacturer's published data on locker construction, sizes and accessories.
- C. Shop Drawings: Indicate locker plan layout, numbering plan and combination lock code.
- D. Manufacturer's Installation Instructions: Indicate component installation assembly.

##### 1.04 DELIVERY, STORAGE, AND HANDLING

- A. Protect locker finish and adjacent surfaces from damage.

#### PART 2 PRODUCTS

##### 2.01 MANUFACTURERS

- A. Metal Lockers:
  - 1. Penco Products, Inc; Product Vanguard: [www.pencoproducts.com/#sle](http://www.pencoproducts.com/#sle).
  - 2. Substitutions: See Section 01 60 00 - Product Requirements.

##### 2.02 LOCKER APPLICATIONS

- A. \_\_\_\_\_: Single tier metal lockers, wall mounted with matching closed base.
  - 1. Width: 12 inches.
  - 2. Depth: 12 inches.
  - 3. Height: 72 inches.
  - 4. Fittings: Hat shelf, 2 coat hooks.
  - 5. Locking: Padlock hasps, for padlocks provided by Owner.
  - 6. Provide sloped top at corridor lockers.

##### 2.03 METAL LOCKERS

- A. Lockers: Factory assembled, made of formed sheet steel, ASTM A653/A653M SS Grade 33/230, with G60/Z180 coating, stretcher leveled; metal edges finished smooth without burrs; baked enamel finished inside and out.
  - 1. Where ends or sides are exposed, provide flush panel closures.
  - 2. Provide filler strips where indicated, securely attached to lockers.
  - 3. Color: To be selected by Architect; allow for 2 different colors.
- B. Locker Body: Formed and flanged; with steel stiffener ribs; electric spot welded.
  - 1. Body and Shelves: 24 gage, 0.024 inch.
  - 2. Base: 20 gage, 0.036 inch.
  - 3. Metal Base Height: 4 inch.
- C. Frames: Formed channel shape, welded and ground flush, welded to body, resilient gaskets and latching for quiet operation.
  - 1. Door Frame: 16 gage, 0.060 inch, minimum.
- D. Doors: Formed from one piece cold rolled sheet steel. Formations shall consist of a full channel shape on all sides.

1. Door Outer Face: 18 gage, minimum.
  2. Form recess for operating handle and locking device.
  3. Provide louvers in door face, top and bottom, for ventilation.
- E. Hinges: Two for doors under 42 inches high; three for doors over 42 inches high; weld securely to locker body and door.
1. Hinge Thickness: 14 gage, 0.075 inch.
- F. Sloped Top: 20 gage, 0.036 inch, with closed ends.
- G. Trim: 20 gage, 0.036 inch.
- H. Coat Hooks: Stainless steel or zinc-plated steel.
- I. Number Plates: Manufacturer's standard, minimum 4-digit, permanently attached with adhesive; may be field installed.

### **PART 3 EXECUTION**

#### **3.01 INSTALLATION**

- A. Install in accordance with manufacturer's instructions.
- B. Install lockers plumb and square.
- C. Secure lockers with anchor devices to suit substrate materials. Minimum Pullout Force: 100 lb.
- D. Bolt adjoining locker units together to provide rigid installation.
- E. Install end panels, filler panels, and sloped tops.
- F. Install accessories.
- G. Replace components that do not operate smoothly.

#### **3.02 CLEANING**

- A. Clean locker interiors and exterior surfaces.

**END OF SECTION**