

Addendum #3

Date Issued: December 13, 2019
Project: Carvel State Office Building –
First Floor and Mezzanine Restroom Renovations
(MC1002000432)

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.

Clarifications:

1. 9 & 10 /A-101, 4 & 5 /A-103 scale should be 1/4" = 1'-0". No drawing issued to reflect change.
2. A-101 – Finish Schedule Line Item Corridor C110 to be LVT1/EXISTING. No drawings issued to reflect change.
3. A-103 – Finish Schedule Line Item Lobby 001 to be TRZO1 (terrazzo), instead of LVT (it is properly shown on the finish plan) No drawing issued to reflect change.

Changes to Specifications:

1. Updated SECTION 09 30 00 – TILING.

Changes to Drawings:

1. **Drawing A-104**
 - a. Removed VCT1 from Finish Legend and project.
 - b. Added "painted" to GYP in Ceiling Finish in Finish Legend.
 - c. 3/A-103 – Proper Keynotes C-33 refer to towel hooks.
 - d. Revised Keynote C-30 - Install terrazzo flooring and rubber cove base to match existing.
 - e. Keynote C-32 – Furnish and install towel hook, should be Keynote C-33.

RFI's:

RFI Question #1:

You indicate that we are to "...list the name and address of the third-tier contractor with an asterisk by the name of the third-tier contractor..." EXACTLY WHERE AND HOW are we to list the Third-tier vendor on the bid form? The Bid form still indicates, "...*This form must be filled out completely with no additions or deletions...*"

RFI Question #1 Response:

The reference to additions or deletions refers to the categories listed. No bidder is permitted to add any categories or strike any categories. Adding information about third-tier contractors for an existing category has nothing to do with the instruction in the form. Where applicable, bidders shall list the name and address of the direct

subcontractor directly on the line provided for the listed category.
By way of instruction, where listing of a third tier contractor is required per 29 Del. C. § 6962(d)(10)b., bidders shall add this information just above the name and address of the subcontractor listed.

RFI Question #2:

Will you please provide AN EXAMPLE of EXACTLY how the third-tier contractors are to be listed on the Subcontractor List of the BID FORM?

RFI Question #2 Response:

Where listing of a third tier contractor is required per 29 Del. C. § 6962(d)(10)b.1, bidders shall add this information just above the name and address of the direct subcontractor.

RFI Question #3:

The code also references third-tier material suppliers. Does that mean you want the subcontractors to also furnish their material supplier information, to be included on the bid form? Clarify please.

RFI Question #3 Response:

The reference in 29 Del. C. § 6962(d)(10)b.1 states the following: "Where any services and/or material are to be provided by or through a third-tier contractor, the bidder shall also supply the name and address of the third-tier contractor." Based on the above, the bidder shall provide the name and address of the third-tier contractor that has contracted with the subcontractor of the listed category.

RFI Question #4:

If we are to list the third-tier contractors on the bid form, services or materials, are they also going to be required to participate in the state required drug testing program, and provide all drug testing programs and results? Clarify please.

RFI Question #4 Response:

As it stands now, third-tier contractors are not required to participate in the State required drug testing program.

RFI Question #5:

Confirm if flooring in C110, 218, and 001 is VCT or LVT? If LVT what is product specification?

RFI Question #5 Response:

Corridor C110 is LVT1 to match existing, Lobby 218 is LVT1, and Lobby 001 to be TRZO1. Basis of design for LVT1 is Armstrong Natural Creations Classics Commercial Grade to match existing LVT installed on Corridor C110. There is no VCT in project.

RFI Question #6:

Where is Lobby 001? It is shown on finish schedule on sheet A-103, but is not shown in the drawing.

RFI Question #6 Response:

Lobby 001 refers to space outside the restrooms on the Mezzanine.

RFI Question #7:

There is a specification for the terrazzo, but the finish schedule does not indicate terrazzo. Can you identify where and to what extent terrazzo can be located?

RFI Question #7 Response:

See clarification line item 2 for location.

RFI Question #8:

The LVT to “Match Existing”. Any idea what is specified and /or intended?

RFI Question #8 Response:

See RFI Question #5 response.

RFI Question #9:

Regarding the 1” x 1” mosaic ceramic floor tile, nothing in the specs calls any floor tile out. Only wall tile. Also color has a lot to do with cost, what is required?

Base also needs to be qualified.

RFI Question #9 Response:

See updated specifications.

RFI Question #10:

In spec section 093000, Tiling, section 2.02, it states to use a Schluter Stainless steel trim at Floor to Wall tile joints. They also want Metal at Transitions between floor finishes of different heights. On the print they are requesting a 4” Ceramic base and marble sills. You cannot use the Schluter metal at the crotch of the wall with a cove base. Nor can you use the metal AND the marble sill. Please advise.

RFI Question #10 Response:

See updated specifications. No Schluter trim or metal transitions.

RFI Question #11:

The colors in spec section 093000 do not match what is on the print. Is it to be the same tile, just different colors?

RFI Question #11 Response:

See updated specifications and Finish Legend.

END

SECTION 09 30 00**TILING****PART 1 GENERAL****1.01 SECTION INCLUDES**

- A. Tile for floor applications.
- B. Tile for wall applications.
- C. Cementitious backer board as tile substrate.
- D. Stone thresholds.

1.02 RELATED REQUIREMENTS

- A. Section 01 61 16 - Volatile Organic Compound (VOC) Content Restrictions.
- B. Section 01 78 39 - Construction Waste Management and Disposal: Limitations on disposal of removed materials; requirements for recycling.
- C. Section 07 90 05 - Joint Sealers.

1.03 REFERENCE STANDARDS

- A. ANSI A108/A118/A136.1 - American National Standard Specifications for the Installation of Ceramic Tile (Compendium).
 - 1. ANSI A108.1a - American National Standard Specifications for Installation of Ceramic Tile in the Wet-Set Method, with Portland Cement Mortar.
 - 2. ANSI A108.1b - American National Standard Specifications for Installation of Ceramic Tile on a Cured Portland Cement Mortar Setting Bed with Dry-Set or Latex-Portland Cement Mortar.
 - 3. ANSI A108.1c - Specifications for Contractors Option: Installation of Ceramic Tile in the Wet-Set Method with Portland Cement Mortar or Installation of Ceramic Tile on a Cured Portland Cement Mortar Bed with Dry-Set or Latex-Portland Cement.
 - 4. ANSI A108.4 - American National Standard Specifications for Installation of Ceramic Tile with Organic Adhesives or Water Cleanable Tile-Setting Epoxy Adhesive.
 - 5. ANSI A108.5 - American National Standard Specifications for Installation of Ceramic Tile with Dry-Set Portland Cement Mortar or Latex-Portland Cement Mortar.
 - 6. ANSI A108.6 - American National Standard Specifications for Installation of Ceramic Tile with Chemical Resistant, Water Cleanable Tile-Setting and -Grouting Epoxy.
 - 7. ANSI A108.8 - American National Standard Specifications for Installation of Ceramic Tile with Chemical Resistant Furan Resin Mortar and Grout.
 - 8. ANSI A108.9 - American National Standard Specifications for Installation of Ceramic Tile with Modified Epoxy Emulsion Mortar/Grout.
 - 9. ANSI A108.10 - American National Standard Specifications for Installation of Grout in Tilework.
 - 10. ANSI A108.11-SystemDeleted - American National Standard for Interior Installation of Cementitious Backer Units.
 - 11. ANSI A108.12 - American National Standard for Installation of Ceramic Tile with EGP (Exterior Glue Plywood) Latex-Portland Cement Mortar.
 - 12. ANSI A108.13 - American National Standard for Installation of Load Bearing, Bonded, Waterproof Membranes for Thin-Set Ceramic Tile and Dimension Stone.
 - 13. ANSI A118.1 - American National Standard Specifications for Dry-Set Cement Mortar.
 - 14. ANSI A118.4 - American National Standard Specifications for Modified Dry-Set Cement Mortar.
 - 15. ANSI A118.5 - American National Standard Specifications for Chemical Resistant Furan Mortars and Grouts for Tile Installation.

16. ANSI A118.6 - American National Standard Specifications for Standard Cement Grouts for Tile Installation.
 17. ANSI A118.7 - American National Standard Specifications for High Performance Cement Grouts for Tile Installation.
 18. ANSI A118.9-SystemDeleted - American National Standard Specifications for Test Methods and Specifications for Cementitious Backer Units.
 19. ANSI A118.10 - American National Standard Specifications for Load Bearing, Bonded, Waterproof Membranes For Thin-Set Ceramic Tile And Dimension Stone Installation.
- B. TCNA (HB) - Handbook for Ceramic, Glass, and Stone Tile Installation.

1.04 SUBMITTALS

- A. See Section 01 33 00 - Administrative Requirements, for submittal procedures.
- B. Product Data: Provide manufacturers' data sheets on tile, mortar, grout, and accessories. Include instructions for using grouts and adhesives.
- C. Shop Drawings: Indicate tile layout, patterns, color arrangement, perimeter conditions, junctions with dissimilar materials, control and expansion joints, thresholds, ceramic accessories, and setting details.
- D. Samples: Mount tile and apply grout on two plywood panels, minimum 18 x 18 inches in size illustrating pattern, color variations, and grout joint size variations.
- E. Manufacturer's Certificate: Certify that products meet or exceed specified requirements.
- F. Maintenance Data: Include recommended cleaning methods, cleaning materials, stain removal methods, and polishes and waxes.

1.05 QUALITY ASSURANCE

- A. Maintain one copy of The Tile Council of North America Handbook and ANSI A108 Series/A118 Series on site.
- B. Manufacturer Qualifications: Company specializing in manufacturing the types of products specified in this section, with minimum 10 years of documented experience.
- C. Installer Qualifications: Company specializing in performing tile installation, with minimum of 10 years of documented experience.

1.06 MOCK-UP

- A. See Section 01 40 00 - Quality Requirements, for general requirements for mock-up.
- B. Construct tile mock-up where indicated on the drawings, incorporating all components specified for the location.
 1. Minimum size of mock-up is indicated on the drawings.
 2. Approved mock-up may remain as part of the Work.
 3. Demolish mock-up when directed by Architect, and remove debris from the site.

1.07 PRE-INSTALLATION MEETING

- A. Convene one week before starting work of this section.

1.08 DELIVERY, STORAGE, AND HANDLING

- A. Protect materials from freezing or overheating in accordance with manufacturer's instructions.

1.09 FIELD CONDITIONS

- A. Do not install solvent-based products in an unventilated environment.
- B. Maintain ambient and substrate temperature of 50 degrees F during installation of mortar materials.

1.10 EXTRA MATERIALS

- A. Provide 2 percent of each size, color, and surface finish of tile specified, but not less than 50 of each type.
- B. See Section 01 60 00 - Product Requirements, for additional provisions.

PART 2 PRODUCTS**2.01 TILE**

- A. Manufacturers: All products by the same manufacturer.
 - 1. Dal-Tile Corporation: www.daltile.com.
 - 2. Substitutions: See Section 01 60 00 - Product Requirements.
- B. Ceramic Mosaic Floor Tile Type CFT1: ANSI A137.1
 - 1. [Keystones Group 3 and 4] Manufactured by [Daltile] .
 - 2. Size and Shape: 1" x 1".
 - 3. Surface Finish: Unglazed.
 - 4. Colors: 3 color mosaic pattern
 - 5. Colors: Suede Gray D182, Desert Gray D014, Biscuit D317
- C. Glazed Wall Tile Type CWT1, CWT2, CWT3, CBT1: ANSI A137.1, and as follows:
 - 1. Semi-Gloss & Matte manufactured by Daltile .
 - 2. Size and Shape: 4-1/4 inch square.
 - 3. Edges: Cushioned.
 - 4. Surface Finish: Semi-Gloss.
 - 5. Color: Almond K165, Desert Gray X114, Navy K189
 - 6. Pattern: See drawings..
 - 7. Trim Units: Matching bullnose, cove, and base shapes in sizes coordinated with field tile.

2.02 TRIM AND ACCESSORIES

- A. Thresholds: Marble, white, honed finish; 4 inches wide by full width of wall or frame opening; 1/2 inch thick thickness to fit application; beveled one long edge with radiused corners on top side; without holes, cracks, or open seams.
 - 1. Applications: Provide at the following locations:
 - a. At doorways where tile terminates.
 - b. At open edges of floor tile where adjacent finish is a different height.
 - c. The ADA requirement for thresholds are:
 - 1) Thresholds, if provided at a doorway, must not exceed 3/4 inch in height for exterior sliding doors or 1/2 for other types of doors
 - 2) Changes in level up to 1/4 inch can be vertical and do no need an edge treatment.
 - 3) Changes in level between 1/4 inch and 1/2 inch must have a beveled slope equaling 1:2.

2.03 SETTING MATERIALS**2.04 ADHESIVE MATERIALS**

- A. Manufacturers:
 - 1. LATICRETE International, Inc; LATICRETE 254 Platinum: www.laticrete.com.
 - 2. Substitutions: See Section 01 60 00 - Product Requirements.

2.05 GROUTS

- A. Manufacturers:
 - 1. Substitutions: See Section 01 60 00 - Product Requirements.
- B. Standard Grout: ANSI A118.6 standard cement grout.

1. Applications: Use this type of grout where indicated .
2. Use sanded grout for joints 1/8 inch wide and larger; use unsanded grout for joints less than 1/8 inch wide.
3. Color(s): As selected by Architect from manufacturer's full line.
4. Color(s): Bone.
5. Products:
 - a. MAPEI; Polyblend Non-Sanded Grout: www.mapeihome.com.
 - b. Color: 15 Bone
 - c. Substitutions: See Section 01 60 00 - Product Requirements.

2.06 THIN-SET ACCESSORY MATERIALS

- A. Floor Patch/Leveler
 1. Acceptable Product: Bostik, Floor Patch 101.
- B. Cementitious Backer Board: ANSI A118.9; High density, cementitious, glass fiber reinforced, 1/2 inch thick; 2 inch wide coated glass fiber tape for joints and corners.

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 tile.
- 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 tile.
- C. Verify that sub-floor surfaces are dust-free and free of substances that could impair bonding of setting materials to sub-floor surfaces.
- D. Verify that concrete sub-floor surfaces are ready for tile installation by testing for moisture emission rate and alkalinity; obtain instructions if test results are not within limits recommended by tile manufacturer and setting materials manufacturer.
- E. Verify that required floor-mounted utilities are in correct location.

3.02 PREPARATION

- A. Protect surrounding work from damage.
- B. Vacuum clean surfaces and damp clean.
- C. Seal substrate surface cracks with filler. Level existing substrate surfaces to acceptable flatness tolerances. With floor patch leveler.
- D. Install backer board in accordance with ANSI A108.11-SystemDeleted and board manufacturer's instructions. Tape joints and corners, cover with skim coat of setting material to a feather edge.
- E. Install cementitious backer board in accordance with ANSI A108.11 and board manufacturer's instructions. Tape joints and corners, cover with skim coat of dry-set mortar to a feather edge.

3.03 INSTALLATION - GENERAL

- A. Install tile, thresholds, and stair treads and grout in accordance with applicable requirements of ANSI A108.1 through A108.13, manufacturer's instructions, and The Tile Council of North America Handbook recommendations.
- B. Lay tile to pattern indicated. Do not interrupt tile pattern through openings.
- C. Cut and fit tile to penetrations through tile, leaving sealant joint space. Form corners and bases neatly. Align floor joints.
- D. Place tile joints uniform in width, subject to variance in tolerance allowed in tile size. Make grout joints without voids, cracks, excess mortar or excess grout, or too little grout.

- E. Form internal angles square and external angles bullnosed.
- F. Sound tile after setting. Replace hollow sounding units.
- G. Keep expansion joints free of adhesive or grout. Apply sealant to joints.
- H. Prior to grouting, allow installation to completely cure; minimum of 48 hours.
- I. Grout tile joints. Use standard grout unless otherwise indicated.
- J. Apply sealant to junction of tile and dissimilar materials and junction of dissimilar planes.

3.04 INSTALLATION - FLOORS - THIN-SET METHODS

- A. Over concrete substrates, install in accordance with TCA Handbook Method F122, dry-set or latex-portland cement bond coat, over crack - isolation membrane with standard grout, unless otherwise indicated.

3.05 INSTALLATION - WALL TILE

- A. Over cementitious backer units on studs, install in accordance with The Tile Council of North America Handbook Method W244, using membrane at toilet rooms.
- B. Over gypsum wallboard on wood or metal studs install in accordance with The Tile Council of North America Handbook Method W243, thin-set with dry-set or latex-Portland cement bond coat, unless otherwise indicated.
- C. Over interior concrete and masonry install in accordance with The Tile Council of North America Handbook Method W202, thin-set with dry-set or latex-Portland cement bond coat.

3.06 CLEANING

- A. Clean tile and grout surfaces.

3.07 PROTECTION

- A. Do not permit traffic over finished floor surface for 4 days or manufacturer's recommended curing time after installation.

END OF SECTION