



UNIVERSITY FACILITIES MANAGEMENT

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ADDENDUM NO. 1 - OUTLINE AND SUMMARY INFORMATION

Project Name: Residents Life Flooring (Yellowstone Hall) PPA No.: 24-1197
Location: Yellowstone Hall, MSU Bozeman, MT 59717 Date: March 25, 2025

To: *All Plan Holders of Record*

*The Plans and Specification prepared by **Montana State University** dated **March 21, 2025**, shall be clarified and added as follow. The bidder proposes to perform all the following clarifications or changes. It is understood that the Base Bid shall include any modification of Work or Additional Work that may be required by reason of the following change or clarifications.*

The Bidders are to acknowledge the receipt of this Addendum by inserting its number and date into their Bid Forms. Failure to acknowledge may subject the Bidder to disqualification and rejection of the bid. This Addendum forms part of the Contract Documents as if bound therein and modifies them as follows:

I. AMENDMENTS TO THE PROJECT MANUAL

- A. Specifications: Updates to the following specification sections - see attached for the fully updated sections:
 - i. 096513 Resilient Wall Base and Accessories
 - ii. 096519 Resilient Floor Tile
 - iii. 096813 Carpet Tile

II. ATTACHMENTS

- A. **“24-1197 Residents Life Flooring Yellowstone Hall Addendum 1 Specs.pdf”**

**SECTION 096513
RESILIENT WALL BASE AND
ACCESSORIES**

PART 1 - GENERAL

1.1 RELATED DOCUMENTS

- A. Drawings and general provisions of the contract, including General and Supplementary Conditions and Division 1 Specification Sections, apply to this

1.2 section. SECTION REQUIREMENTS

- A. Submittals: Product Data and color Samples for proposed substitutions only.

1.3 EXTRA MATERIALS

- A. Upon completion of the first designated portion of the Work, furnish extra materials described below that match products installed. Wrap extra materials with protective covering for storage and provide label describing contents.

- 1. Wall Base: Not less than one coil of each style and color.

PART 2 - PRODUCTS

2.1 WALL BASE

- A. Johnsonite, Traditional Wall Base; or approved equal.
 - 1. Color and Pattern: Owner selected from manufacturer's full range of colors.
- B. Type: Type TP (rubber, thermoplastic).
- C. Manufacturing Method: Group I (solid, homogenous).
- D. Style: Cove with top-set toe.
- E. Minimum Thickness: 1/8 inch.
- F. Height: 4 inches.
- G. Lengths: Coils in manufacturer's standard lengths.
- H. Outside Corners: Preformed.
- I. Inside Corners: Job formed.
- J. Surface: Smooth.

2.2 INSTALLATION ACCESSORIES

- A. Trowel-able Leveling and Patching Compounds: Latex-modified, Portland cement- or blended hydraulic cement-based formulation provided or approved by resilient product manufacturer for applications indicated.
- B. Adhesives: Water-resistant type recommended by manufacturer to suit resilient products and substrate conditions indicated.
 - 1. Use adhesives that comply with the following limits for VOC content when calculated according to 40 CFR 59, Subpart D (EPA Method 24):
 - a. Cove Base Adhesives: Not more than 50 g/L.
 - b. Rubber Floor Adhesives: Not more than 60 g/L.

- C. Metal Edge Strips: Extruded aluminum with mill finish of width shown, of height required to protect exposed edges of tiles, and in maximum available lengths to minimize

running joints. PART 3 - EXECUTION

3.1 INSTALLATION

- A. Adhesively install resilient wall base and accessories.
- B. Install wall base in maximum lengths possible. Apply to walls, columns, pilasters, casework, and other permanent fixtures in rooms or areas where base is required.
 - 1. Job-Formed Corners: Form wall base corners from straight pieces of maximum lengths possible.
 - 2. Install straight wall base adjacent to carpet installations and cove wall base where other flooring types occur.

END OF SECTION 096513

**SECTION 096519
RESILIENT FLOOR TILE**

PART 1 – GENERAL

1.1 RELATED DOCUMENTS

- A. Drawings and general provisions of the contract, including General and Supplementary Conditions and Division I Specification Sections, apply to this section.

1.2

SUMMARY

- A. Section Includes:

- 1. Luxury vinyl tile.

1.3 SUBMITTALS

- A. Product Data: For each type of product indicated.
- B. Shop Drawings (If requested by Owner): For each type of floor tile. Include floor tile layouts, edges, columns, doorways, enclosing partitions, built-in furniture, cabinets and cutouts.
- C. Samples: Full-size units of each color and pattern of floor tile required.
- D. Maintenance data.

1.4 QUALITY ASSURANCE

- A. Fire-Test-Response Characteristics: As determined by testing identical products according to ASTM E 648 or NEPA 253 by a qualified testing agency.
 - 1. Critical Radiant Flux Classification: Class I, not less than 0.45 W/sq. cm.

1.5 PROJECT CONDITIONS

- A. Close spaces to traffic during floor tile installation.
- B. Close spaces to traffic for 48 hours after floor tile installation.

PART 2 – PRODUCTS

2.1 LUXURY VINYL FLOORING TILE, wood pattern in common areas

- A. Manufacturers: Subject to compliance with requirements, available manufacturers offering products that may be incorporated into the Work include, but are not limited to, the following:

1. Shaw Contract (Solitude, Product Number: 0648V, Color: Mink 48720)
 2. Or Equal
 3. Bidders attention is called to section 5 of the Instructions to Bidders, which requires requests for substitutions to the basis of design be submitted at least ten days before bid for consideration.
- B. Tile Standard Classification: ASTM F1700, Class 3, Type B, printed film vinyl plank.
- C. Wearlayer Thickness: minimum 20 mils or .020" (0.51 mm) .
- D. Overall Thickness: minimum 5 mm.
- E. Size: 6" Wide by 48" Long.
- F. Colors and Patterns: As selected by Architect/Engineer from manufacturer's full range of standard products.
- G. Backing: Heavy Commercial Luxury Vinyl Tile with Fiberglass, Squared Edge.

2.3 INSTALLATION MATERIALS

- A. Trowelable Leveling and Patching Compounds: Latex-modified, Portland cement based or blended hydraulic-cement-based formulation provided or approved by manufacturer for applications indicated.
- B. Adhesives:
1. Standard adhesive: type recommended by manufacturer. Basis of design: Shaw 4200 resilient adhesive.
- C. Floor Polish: Not in Contract. Floor polishing to be provided by Owner.

PART 3 - EXECUTION

3.1 PREPARATION

- A. Prepare substrates according to manufacturer's written instructions to ensure adhesion of resilient products.
- B. Concrete Substrates: Prepare according to ASTM F 710.
1. Verify that substances 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 manufacturer. Do not use solvents.
- C. Fill cracks, holes, and depressions in substrates with trowelable leveling and patching compound and remove bumps and ridges to produce a uniform and smooth substrate.

- D. Do not install floor tiles until they are same temperature as space where they are to be installed.
 - 1. Move resilient products and installation materials into spaces where they will be installed at least 48 hours in advance of installation.
- DI. Sweep and vacuum clean substrates to be covered by resilient products immediately before installation.

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, unless otherwise directed by Owner.
- 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 direction alternating in adjacent tiles (basket-weave pattern), unless otherwise directed by Owner.
- 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 or to transition strip (where occurring).
- F. Adhere floor tiles to flooring substrates using a full spread of adhesive applied to substrate to produce a completed installation without open cracks, voids, raining 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 of floor tile.
- B. Floor Polish: Not in Contract. Floor polishing to be provided by Owner.

END OF SECTION 096519

**SECTION
096813 CARPET
TILE**

PART 1 - GENERAL

1.1 RELATED DOCUMENTS

- A. Drawings and general provisions of the contract, including General and Supplementary Conditions and Division 1 Specification Sections, apply to this section.

1.2 SUMMARY

- A. This Section includes furnishing and installation of modular carpet tiles, adhesives and accessories.
- B. Commercial Carpet Tile: Carpet tile intended for use in commercial and public spaces, with construction, fire ratings, static control, and appearance appropriate for this use.
- C. Related Sections include the following:
 - 1. Division 9 Section 09 65 13 "Resilient Wall Base and Accessories" for resilient wall base and accessories installed with carpet/carpet tile.

1.3 SUBMITTALS

- A. Product Data: For each type of product indicated. Include manufacturer's written data on physical characteristics, durability, and fade resistance. **Manufacturers shall submit a plan for the recovery and recycling of the specified carpet at the end of the carpet's useful life.** Also include installation methods.
- B. Samples: For each color and texture required. Label each Sample with manufacturer's name, material description, color, pattern, and designation indicated on Drawings and in schedules.
 - 1. Carpet Tile: Full-size Sample.
 - 2. Exposed Edge, Transition, and other Accessory Stripping: 12-inch- (300-mm) long Samples.
- C. Product Schedule: For carpet tile. Use same designations indicated on Drawings.
- D. Maintenance data. For carpet tile to include in maintenance manuals specified in Division 1. Submit three (3) copies of manufacturer's printed instructions to the Office of Facilities Services for maintenance of installed work including but not limited to the following:
 - 1. Methods for maintaining carpet tile, including cleaning and stain-removal products and procedures and manufacturer's recommended maintenance schedule.
 - 2. Precautions for cleaning materials and methods that could be detrimental to carpet tile.

1.4 QUALITY ASSURANCE

- A. Installer Qualifications: An experienced installer who is certified by the Floor Covering Installation Board or who can demonstrate compliance with its certification program requirements.
- B. Mockups: Before installing carpet tile, install mockups for each type of carpet tile installation required to demonstrate aesthetic effects and qualities of materials and execution. Install mockups to comply with the following requirements, using materials indicated for the completed Work:
 - 1. Install mockups in the location and of the size indicated or, if not indicated, as directed by Architect.
 - 2. Notify Architect seven days in advance of dates and times when mockups will be in-stalled.
 - 3. Demonstrate the proposed range of aesthetic effects and workmanship.
 - 4. Obtain Architect's approval of mockups before starting work.
 - 5. Maintain mockups during construction in an undisturbed condition as a standard for judging the completed Work.
 - 6. Remove mockups when directed.
 - 7. Approved mockups may become part of the completed Work if undamaged at time of Substantial Completion.

1.5 DELIVERY, STORAGE, AND HANDLING

- A. Deliver materials to project site in original factory wrappings and containers, clearly labeled with identification of manufacturer, brand name, quality or grade, fire hazard classification, and lot number. Store materials in original undamaged packages and containers inside well-ventilated area protected from weather, moisture, soiling, extreme temperatures, humidity, laid flat, blocked off ground to prevent sagging and warping. Maintain temperature in storage area above 40 degrees F.

1.6 PROJECT CONDITIONS

- A. Comply with CRI 104, Section 7.2, "Site Conditions; Temperature and Humidity" and Section 7.12, "Ventilation."
- B. Environmental Limitations: Do not install carpet tiles until wet work in spaces is complete and dry, and ambient temperature and humidity conditions are maintained at the levels indicated for Project when occupied for its intended use.
- C. Do not install carpet tiles over concrete slabs until slabs have cured and are sufficiently dry to bond with adhesive and concrete slabs have pH range recommended by carpet tile manufacturer.
- D. Where demountable partitions or other items are indicated for installation on top of carpet tiles, install carpet tiles before installing these items.

1.7 WARRANTY

- A. Special Warranty for Carpet Tiles: Manufacturer's standard form in which manufacturer agrees to repair or replace components of carpet tile installation that fail in materials or workmanship within specified warranty period. Failures include, but are not limited to, more than 10 percent loss of face fiber, edge raveling, snags, runs, and delamination.

1. Warranty Period: 10 years from date of Substantial Completion.

- B. Environmental Warranty for Recycling: The manufacturer must guarantee that it will recover, transport, and recycle carpet tile at the end of its useful life.**

1.8 EXTRA MATERIALS

- A. Upon completion of the first designated portion of the Work, furnish extra materials described below that match products installed. Wrap extra materials with protective covering for storage and provide label describing contents.

1. Carpet Tile: Full-size units equal to 5 percent of amount installed for each type indicated, but not less than 10 sq. yd. (8.3 sq. m).

PART 2 - PRODUCTS

2.1 CARPET TILE

- A. Available Products: Subject to compliance with requirements, products that may be incorporated into the Work include, but are not limited to, the following:

- B. Approved manufacturers:

1. Shaw Contract
2. Other manufacturers with approval prior to bid submission

- C. Products: Subject to compliance with requirements, with Shaw Contract products as the basis of design, provide the following:

1. Carpet: Shaw

- a. Collection: Distort Tile (Product# 5T127)
- b. Color: Interrupt 26505
- c. Pattern: as selected by Owner
- d. Construction: Multi-Level Pattern Loop
- e. Face Fiber: Eco Solution Q100 Nylon
- f. Primary Backing: Synthetic
- g. Secondary Backing: EcoWorx Tile
- h. Protective treatments: SSP® Shaw Soil Protection
- i. Warranty: lifetime commercial protection
- j. Dye Method: 100% Solution Dyed
- k. Finished Pile Thickness: 0.098 inches
- l. Size: 18 x 36 Inches
- m. Adhesive: Per Manufacturer Recommendation

2. Approved equal by Architect.
3. Bidders attention is called to section 5 of the Instructions to Bidders, which requires re-requests for substitutions to the basis of design be submitted at least ten days before bid for consideration.

2.2 INSTALLATION ACCESSORIES

- A. Trowelable Leveling and Patching Compounds: Latex-modified, hydraulic-cement-based formulation provided or recommended by carpet tile manufacturer.
- B. Sealer at Abated areas: Cutback Sealer is to be installed over all abated areas only, installed per manufacture's written instructions.
 1. Portland cement-based compound formulated to isolate cutback and other types of old adhesive residues
 - a. Ardex K 15 Premium Self-Leveling Underlayment
 - b. Or approved equal
 2. High strength acrylic-based compound formulated to isolate cutback and other types of old adhesive residues.
 - a. Mohawk Group SureSeal Adhesive / Cutback sealer
 - b. Or approved equal
 3. VOC Limits: Provide sealers with VOC content not more than 50 g/L when calculated according to 40 CFR 59, Subpart D (EPA method 24).
- C. Adhesives:
 1. Shaw Contract 5100 adhesive for Shaw carpet tile.
 2. VOC Limits: Provide adhesives with VOC content not more than 19 g/L when calculated according to 40 CFR 59, Subpart D (EPA method 24).

PART 3 - EXECUTION

3.1 EXAMINATION

- A. Examine substrates, areas, and conditions for compliance with requirements for maximum moisture content, alkalinity range, installation tolerances, and other conditions affecting carpet tile performance. Verify that substrates and conditions are satisfactory for carpet tile installation and comply with requirements specified.
- B. Proceed with installation only after unsatisfactory conditions have been corrected.

3.2 PREPARATION

- A. General: Comply with CRI 104, Section 6.2, "Site Conditions; Floor Preparation," and carpet tile manufacturer's written installation instructions for preparing substrates indicated to receive carpet/carpet tile installation.
- B. Use trowelable leveling and patching compounds, according to manufacturer's written instructions, to fill cracks, holes, and depressions in substrates.
- C. Remove coatings, including curing compounds, and other substances that are incompatible with adhesives and that contain soap, wax, oil, or silicone, without using solvents. Use mechanical methods recommended in writing by carpet tile manufacturer.
- D. Broom and vacuum clean substrates to be covered immediately before installing carpet tile. After cleaning, examine substrates for moisture, alkaline salts, carbonation, or dust. Proceed with installation only after unsatisfactory conditions have been corrected.
- E. If substrate has been abated install Cutback Sealer per manufacturer's written instructions.

3.3 INSTALLATION

- A. General: Comply with CRI 104, Section 14, "Carpet Modules," and with carpet tile manufacturer's written installation instructions.
- B. Installation Method: As recommended in writing by carpet tile manufacturer.
- C. Cut and fit carpet/carpet tile to butt tightly to vertical surfaces, permanent fixtures, and built-in furniture including cabinets, pipes, outlets, edgings, thresholds, and nosings. Bind or seal cut edges as recommended by carpet/carpet tile manufacturer.
- D. Extend carpet tile into toe spaces, door reveals, closets, open-bottomed obstructions, removable flanges, alcoves, and similar openings.
- E. Install pattern parallel to walls and borders.
- F. Closeout: When the Installation is complete, the manufacturer shall deliver a certificate of re-cycling to the end user. This will specify the method by which the new carpet tile will be recycled at the end of its useful life and warrant the recycling process.

3.4 CLEANING AND PROTECTION

- A. Perform the following operations immediately after installing carpet/carpet tile:
 - 1. Remove excess adhesive, seam sealer, and other surface blemishes using cleaner recommended by carpet manufacturer. If surface blemishes remain, replace carpet.
 - 2. Remove yarns that protrude from carpet/carpet tile surface.
 - 3. Vacuum carpet/carpet tile using commercial machine with face-beater element.
- B. Protect installed carpet/carpet tile to comply with CRI 104, Section 15, "Protection of Indoor Installations."

- C. Protect carpet/carpet tile against damage from construction operations and placement of equipment and fixtures during the remainder of construction period. Use protection methods indicated or recommended in writing by carpet tile manufacturer.

3.5 CARPET RECYCLING

- A. All carpet regardless of brand to be recycled.
- B. Carpet to be removed from location of new installation. Provide Owner with written documentation verifying that carpet has been recycled.
- C. Roll and palletize carpet as required for recycling.
- D. Provide Owner with written information showing that carpet manufacturer has a program in place to pick up all existing removed carpet from Owner and return it to the manufacturer's facility for recycling/reuse, at no cost to Owner.