Bid No. B14-09
Building 900 Cafeteria, Multi-Purpose Room Renovation
Flooring

Addendum No. 1

This Addendum No. 1 sets forth modifications to portions of the bid and contract documents for the above-referenced work described as:

B14-09 Bldg 900 Cafeteria, Multi-Purpose Room Renovation
Flooring

**DRAWINGS**
Sheet A-2 of Original Plans: 25 floor colors will be used. See new Color Schedule in the Specification Section.

**SPECIFICATIONS**
Section 09651 Floor Tile: Replace with Section shown (on footer at bottom of each page with date “032014”).
SECTION 09651 - 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 1 Specification Sections, apply to this Section.

1.2 SUMMARY
   A. Section Includes:
      1. Floor tile, floor preparation, underlayment.

1.3 SUBMITTALS
   A. Product Data: For each type of product indicated.
   B. Samples for Initial Selection: For each type of floor tile indicated.
   C. Qualification Data: For qualified Installer.
   D. Maintenance Data: For each type of floor tile to include in maintenance manuals.

1.4 QUALITY ASSURANCE
   A. Installer Qualifications: A qualified installer who employs workers for this Project who are competent in techniques required and certified by the manufacturer for floor tile installation indicated.

1.5 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 (10 deg C) or more than 90 deg F (32 deg C). Store floor tiles on flat surfaces.

1.6 PROJECT CONDITIONS
   A. Close spaces to traffic during floor tile installation.
   B. Close spaces to traffic for 48 hours after floor tile installation.
C. Install floor tile after other finishing operations, including painting, have been completed.

1.7 EXTRA MATERIALS

A. Return un-used tiles to Cabrillo Project Manager at end of job.

PART 2 - PRODUCTS

2.1 FLOOR TILE

1. Subject to compliance with requirements, provide Centiva Victory Magics or Coral Reef, SS surface, SE edge (www.centiva.com); lay diagonally as shown on the Drawings. 25 colors will be used in a random pattern. Mix equal parts of the colors listed in Schedule at end of this Section.

B. Size: 1/8" thick, 18 inches square.

2.2 INSTALLATION MATERIALS

A. Trowelable Leveling and Patching Compounds: Mapei Novoplan Easy cement based underlayment, or equal or approved by manufacturer and Architect for applications indicated.

B. Adhesives: EP2000 water-resistant type as recommended by manufacturer to suit floor tile and substrate conditions indicated.

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.

B. 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.

C. Proceed with installation only after unsatisfactory conditions have been corrected.

3.2 PREPARATION

A. Prepare substrates according to manufacturer's written instructions to ensure adhesion of specified products. On concrete slab, shot blast as necessary to remove all materials except concrete. At wood substrate, scrape using mechanical means to remove all materials which would interfere with the new installation.
B. Prepare according to ASTM F 710.
   1. Verify that substrates are dry and free of curing compounds, sealers, and hardeners.
   2. Alkalinity and Adhesion Testing: Perform tests recommended by manufacturer. Proceed with installation only after substrates pass testing.
   3. Moisture Testing: Perform tests recommended by manufacturer. Proceed with installation only after substrates pass testing.
      a. Perform relative humidity test using in situ probes, ASTM F 2170. Proceed with installation only after substrates have a maximum 98% relative humidity level measurement.

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. Add floor filler to insure that finished flooring at doors will align with flooring in other rooms and areas, however allow no part of floor to slope more than 1:100.

D. Relief joint: Where wood subfloor abuts concrete slab substrate provide metal strip, level with or slightly below top-most level of tile surface texture at joint. Attach metal strip securely to subfloor before tile installation.

E. 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.

F. Sweep and vacuum clean substrates to be covered by resilient products immediately before installation.

3.3 FLOOR TILE INSTALLATION
A. Comply with manufacturer's written instructions for installing floor tile.
   1. Lay tiles at a 45-degree angle with walls.

B. Discard broken, cracked, chipped, or deformed tiles.

C. 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.

D. Extend floor tiles into toe spaces, door reveals, closets, and similar openings. Extend floor tiles to center of door openings.

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, nonstaining marking device.

F. 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.

G. 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.

3.4 CLEANING AND PROTECTION

A. Comply with manufacturer's written instructions for cleaning and protection of 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 products from mars, marks, indentations, and other damage from construction operations and placement of equipment and fixtures during remainder of construction period.

D. Cover floor tile until Substantial Completion.

3.5 COLOR SCHEDULE (Centiva Victory)

A. MG8028-V (Smokey Quartz)
B. MG8087-V (Charcoal)
C. MG8025-V (Vermeil)
D. MG8042-V (Jasper)
E. MG8029-V (Citrine)
F. MG8044-V (Sunstone)
G. MG8017-V (Copper)
H. MG8020-V (Lead)
I. MG8018-V (Silver)
J. MG8036-V (Olivine)
K. CR0066-V (Champagne)
L. CR0061-V (Sea Spray)
M. CR0039-V (Bay Grape)
N. CR0060-V (Kiwi)
O. CR0070-V (Gold Dust)
P. CR0025-V (Sunset Breeze)
Q. CR0017-V (Bermuda Sand)—correct number??
R. CR0015-V (Beach Moss)
S. CR0053-V (Sand Castle)
T. CR0068-V (Mist)
U. CR0052-V (Oyster)
V. CR0035-V (Windrift)
W. CR0003-V (Pearl)
X. CR0051-V (Moondance)
Y. CR0001-V (Arctic)

END OF SECTION 09651