ADDENDUM

Campus HVAC System Upgrade
Horace Mann Elementary School
Bakersfield City School District
District Project No. 22214.00-32.32
566-0016
DSA No. 03-122671

Date: **May 7, 2024**

To: **All Bidders**

Subject: **Addendum #002**

Total Addendum includes:
9-Pages

NOTICE TO CONTRACTORS FIGURING THIS WORK

You are hereby notified of the following changes in the Plans and Specifications, which shall take precedence over anything to the contrary therein. Acknowledge receipt of Addendum No. 002 in the space provided on the Bid Proposal Form. Failure to do so may subject bidder to disqualification.

Item # **Description**

2.1 Changes to Bid Opening for HMES-06 – Floor Coverings

2.1.1 Extend Bid Opening for Bid Package HMES-06 – Floor Coverings only to Tuesday, May 14, 2024 at 2:00pm. Bids for HMES-06 – Floor Coverings will still be required to be submitted to the BCSD MOT office at 1501 Feliz Dr., Bakersfield, CA, 93307.

2.2 Refer to Specifications:

2.1.2 Add attached Section 096516 Resilient Sheet Flooring.

2.3 Refer to Sheet A2.00:

2.1.3 Carpet is existing to remain in all Classrooms in Buildings B, C, D, and E – except as noted otherwise at areas affected by demolition.

2.1.4 Carpet is existing to remain in all Classrooms in Buildings M-2 – except as noted otherwise at areas affected by demolition.

2.4 Refer to Sheet A2.10:

2.1.5 Sheet vinyl removal does not occur at Rooms M04, M05, M06, M07, and M08 and entirety of floor finish is existing carpet to remain – except as noted otherwise at areas affected by demolition.

2.5 Refer to Sheets A2.20, A2.21, and A2.22:

2.1.6 Revise Keynote “01” description to read as follows:
CABINETRY. **REPLACE/EXTEND FLOORING TO MATCH EXISTING AS REQUIRED AT AREAS AFFECTED BY REMOVED CABINETRY-**
SEE INT ELEVS FOR ADDIT INFO
USE INTERFACE “CUBIC” PRODUCT

2.1.7 Revise Keynote “37” description to read as follows:
CARPET TILE FLOORING**- INCLUDE WALK-OFF PRODUCT AT 6’x6’ AREA IN FRONT OF DOOR INDICATED TO REMAIN-**
USE INTERFACE “SR799” WITH "ONYX” COLOR

2.1.8 Revise Keynote “43” description to read as follows:
RAISED FLOOR INFILL. **AREA OF FLOORING REPLACEMENT EXTEND TO BEYOND**

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FOOTPRINT OF <u>REMOVED</u> EQUIPMENT-
<u>MATCH EXISTING FLOORING-</u>
USE INTERFACE "CUBIC" PRODUCT

ATTACHMENT

- **Specification Section 09-65-16 – Resilient Sheet Flooring**

End of Addendum

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CAMPUS HVAC SYSTEM UPGRADES

REVISED SPECIFICATION
09-65-16

RESILIENT SHEET FLOORING

BAKERSFIELD CITY SCHOOL DISTRICT

SECTION 096516 - RESILIENT SHEET FLOORING

PART 1 - GENERAL

1.1 RELATED DOCUMENTS

A. Drawings and general provisions of the Contract, including General and Supplementary Conditions and Division 0 & 1 Specification Sections, apply to this Section.

1.2 SUMMARY

A. Section includes, but not limited to the following:

1. Sheet vinyl flooring

1.3 ACTION SUBMITTALS

A. Product Data: For each type of product.

B. Shop Drawings: For each type of flooring.

C. Samples: For each exposed product and for each color and texture specified in manufacturer's standard size, but not less than 6-by-9-inch.

1.4 INFORMATIONAL SUBMITTALS

A. Qualification Data: For Installer. Submit certificate signed by manufacturer stating that installer complies with specified requirements.

1.5 CLOSEOUT SUBMITTALS

A. Maintenance Data: For each type of resilient sheet flooring to include in maintenance manuals.

1.6 QUALITY ASSURANCE

A. Installer Qualifications: A qualified installer who employs workers for this Project who are competent in techniques required by manufacturer for resilient sheet flooring installation and seaming method indicated.

1.7 DELIVERY, STORAGE, AND HANDLING

A. Store resilient sheet flooring 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 or more than 90 deg F. Store rolls upright.

1.8 FIELD CONDITIONS

A. Maintain ambient temperatures within range recommended by manufacturer, but not less than 70 deg F or more than 85 deg F in spaces to receive resilient sheet flooring during the following time periods:

1. 48 hours before installation.
2. During installation.
3. 48 hours after installation.

B. After installation and until Substantial Completion, maintain ambient temperatures within range recommended by manufacturer, but not less than 55 deg F or more than 95 deg F.

C. Close spaces to traffic during resilient sheet flooring installation.

D. Close spaces to traffic for 48 hours after resilient sheet flooring installation.

E. Install resilient sheet flooring after other finishing operations, including painting, have been completed.

PART 2 - PRODUCTS

2.1 PERFORMANCE REQUIREMENTS

A. FloorScore Compliance: Resilient sheet flooring shall comply with requirements of FloorScore certification.

B. Low-Emitting Materials: Flooring system shall comply with the testing and product requirements of the California Department of Public Health's "Standard Method for the Testing and Evaluation of Volatile Organic Chemical Emissions from Indoor Sources Using Environmental Chambers."

2.2 UNBACKED VINYL SHEET FLOORING

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

1. Armstrong World Industries, Inc.; <Insert product designation>.
2. Congoleum Corporation; <Insert product designation>.
3. Gerflor; <Insert product designation>.
4. Mannington Mills, Inc.; <Insert product designation>.
5. Shaw Contract Group; a Berkshire Hathaway company; <Insert product designation>.

B. Product Standard: ASTM F 1913.

C. Thickness: 0.080 inch (2.0 mm).

D. Wearing Surface: Smooth.

E. Sheet Width: 6 feet (1.8 m).

F. Seamless-Installation Method: Heat welded.

G. Colors and Patterns: As selected by Architect from full range of industry colors.

2.3 VINYL SHEET FLOORING WITH BACKING

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

1. Armstrong World Industries, Inc.; <Insert product designation>.
2. Congoleum Corporation; <Insert product designation>.
3. Gerflor; <Insert product designation>.
4. Mannington Mills, Inc.; <Insert product designation>.
5. Shaw Contract Group; a Berkshire Hathaway company; <Insert product designation>.

B. Product Standard: ASTM F 1303.

1. Type (Binder Content): Type I, minimum binder content of 90 percent.
2. Wear-Layer Thickness: Grade 1.
3. Overall Thickness: As standard with manufacturer.
4. Interlayer Material: Foamed plastic.
5. Backing Class: Class A (fibrous).

C. Wearing Surface: Embossed.

D. Sheet Width: 6 feet (1.8 m).

E. Seamless-Installation Method: Heat welded.

F. Colors and Patterns: As selected by Architect from full range of industry 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 resilient sheet flooring manufacturer for applications indicated.

B. Adhesives: Water-resistant type recommended by flooring and adhesive manufacturers to suit resilient sheet flooring and substrate conditions indicated.

1. Adhesives shall have a VOC content of 50 g/L or less.
2. Adhesives shall comply with the testing and product requirements of the California Department of Public Health's "Standard Method for the Testing and Evaluation of Volatile Organic Chemical Emissions from Indoor Sources Using Environmental Chambers."

C. Seamless-Installation Accessories:

1. Heat-Welding Bead: Manufacturer's solid-strand product for heat welding seams.

    a. Color: Match flooring.

2. Chemical-Bonding Compound: Manufacturer's product for chemically bonding seams.

a. Bonding compound shall have a VOC content of 510 g/L or less.
b. Bonding compound shall comply with the testing and product requirements of the California Department of Public Health's "Standard Method for the Testing and Evaluation of Volatile Organic Chemical Emissions from Indoor Sources Using Environmental Chambers."

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.

1. 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 resilient sheet flooring.

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

3.2 PREPARATION

A. Prepare substrates according to resilient sheet flooring manufacturer's written instructions to ensure adhesion of resilient sheet flooring.

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 resilient sheet flooring manufacturer. Do not use solvents.
3. Alkalinity and Adhesion Testing: Perform tests recommended by resilient sheet flooring manufacturer. Proceed with installation only after substrate alkalinity falls within range on pH scale recommended by manufacturer in writing, but not less than 5 or more than 9 pH.
4. Moisture Testing: Proceed with installation only after substrates pass testing according to resilient sheet flooring manufacturer's written recommendations.

C. Fill cracks, holes, and depressions in substrates with trowelable leveling and patching compound; remove bumps and ridges to produce a uniform and smooth substrate.

D. Do not install resilient sheet flooring until it is the same temperature as the space where it is to be installed.

1. At least 48 hours in advance of installation, move flooring and installation materials into spaces where they will be installed.

E. Immediately before installation, sweep and vacuum clean substrates to be covered by resilient sheet flooring.

3.3 RESILIENT SHEET FLOORING INSTALLATION

A. Comply with manufacturer's written instructions for installing resilient sheet flooring.

B. Unroll resilient sheet flooring and allow it to stabilize before cutting and fitting.

C. Lay out resilient sheet flooring as follows:

1. Maintain uniformity of flooring direction.
2. Minimize number of seams; place seams in inconspicuous and low-traffic areas, at least 6 inches (152 mm) away from parallel joints in flooring substrates.
3. Match edges of flooring for color shading at seams.
4. Avoid cross seams.

D. Scribe and cut resilient sheet flooring to butt neatly and tightly to vertical surfaces, permanent fixtures, and built-in furniture including cabinets, pipes, outlets, and door frames.

E. Extend resilient sheet flooring into toe spaces, door reveals, closets, and similar openings.

F. Maintain reference markers, holes, and openings that are in place or marked for future cutting by repeating on resilient sheet flooring as marked on substrates. Use chalk or other nonpermanent marking device.

G. Install resilient sheet flooring on covers for telephone and electrical ducts and similar items in installation areas. Maintain overall continuity of color and pattern between pieces of flooring installed on covers and adjoining flooring. Tightly adhere flooring edges to substrates that abut covers and to cover perimeters.

H. Adhere resilient sheet flooring to 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.

I. Seamless Installation:

1. Heat-Welded Seams: Comply with ASTM F 1516. Rout joints and heat weld with welding bead to permanently fuse sections into a seamless flooring. Prepare, weld, and finish seams to produce surfaces flush with adjoining flooring surfaces.
2. Chemically Bonded Seams: Bond seams with chemical-bonding compound to permanently fuse sections into a seamless flooring. Prepare seams and apply compound to produce tightly fitted seams without gaps, overlays, or excess bonding compound on flooring surfaces.

3.4 CLEANING AND PROTECTION

A. Comply with manufacturer's written instructions for cleaning and protecting resilient sheet flooring.

B. Perform the following operations immediately after completing resilient sheet flooring installation:

1. Remove adhesive and other blemishes from surfaces.
2. Sweep and vacuum surfaces thoroughly.
3. Damp-mop surfaces to remove marks and soil.

C. Protect resilient sheet flooring from mars, marks, indentations, and other damage from construction operations and placement of equipment and fixtures during remainder of construction period.

D. Cover resilient sheet flooring until Substantial Completion.

END OF SECTION 096516