



CHABOT-LAS POSITAS COMMUNITY COLLEGE DISTRICT PURCHASING DEPARTMENT

May 12, 2021

Addendum No. 01

INVITATION TO BID.: B20/21-14

Chabot College Dental Hygiene Simulation Equipment Connections

To: All Prospective Bidders

This Addendum No. 01 is issued to incorporate the following changes, additions or deletions to the RFP/IFB (B20/21-14). Any modifications/changes made by this addendum affect only the portions or paragraphs specifically identified herein; all remaining portions of the RFP/IFB (B20/21-14) to remain in force. It is the responsibility of all responders to conform to this addendum.

A. ADDITIONS, CHANGES AND/OR CLARIFICATIONS:

Question 1: Please confirm the project scope includes saw cutting and removal of existing concrete floor to Install new utility trench. Is exposed concrete acceptable for the interior of the trench? Please specify trench plates?

Response: The scope does include saw cutting and removal of concrete infill in existing floor trenches and additional trench as required to meet proper point of connection for dental simulator equipment. Exposed concrete interior is acceptable. Cover plates to be BALCO TSA series or equal.

Question 2: Since a utility trench will be installed in the dental room we would recommend replacing the flooring with new. A lot of the floor area will be affected. Please specify flooring?

Response: Agreed. Please include price of reflooring entire room in bid. See Attachment A for flooring specification from original building construction.

Question 3: During the site visit we were told that the scanning for utilities will be paid for by the Contractor. Please clarify?

Response: The contractor is responsible for hiring a utility locator to locate all utilities that run in between Buildings 2200 and 2300 for the new compressor feeder that will run across the driveway. Contractor



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shall be responsible for replacement/repair of any damage incurred during from the installation.

Question 4: Can the saw cutting and removal of concrete including jack hammering be completed during Normal Bus. Hours or do we need to assume off hours work?

Response: This work can be completed during normal hours, but some coordination will have to take place in order to avoid performing this work during times when the adjacent dental lab is in use.

Question 5: During the bid walk it was mentioned that the contractor is responsible for providing cover over exterior fenced air compressor enclosure.

Response: Correct, assume fenced air compressor enclosure to have simple corrugated metal roof in your bid pricing. District may ask contractor for additional options. Price difference for additional options will be payed via change order if District decides to go with other option.

All other terms and conditions remain unchanged.

Michael McClung - Buyer, Purchasing and Warehouse Services
Chabot-Las Positas Community College District

SECTION 09 65 18

LINOLEUM

PART 1 - GENERAL

1.01 SECTION INCLUDES

- A. Linoleum sheet flooring.
- B. Linoleum tile.

1.02 REFERENCES

- A. ASTM E648 and NFPA 253 - Test Method for Critical Radiant Flux of Floor Covering Systems Using a Radiant Heat Energy Source and NFPA 253.
- B. ASTM D2047- Static Coefficient of Friction.
- C. ASTM E84, Test Method for Surface Burning Characteristics for Building Materials.
- D. Americans with Disabilities Act of 1990 (ADA)
 - 1. ADA/UFAS - ADA Title II Regulations and Uniform Federal Accessibility Standards.
- E. CACRM - California Access Compliance Reference Manual, updated July 1, 2008, based on the 2007 California Building Code.
- F. Related Section
 - 1. Section 05 53 16 - Trench and Access Covers.

1.03 SUBMITTALS

- A. Product data on specified products, describing physical and performance characteristics, sizes, patterns and colors available.
- B. Three samples, minimum 12 x 12 inches in size, illustrating color and pattern for each floor material specified.
- C. Manufacturer's installation instructions.
- D. Maintenance procedures and recommended maintenance materials, and suggested schedule for cleaning, stripping and re-waxing.

1.04 QUALITY ASSURANCE

- A. Manufacturer: Provide each type of resilient flooring and accessories as provided by a single manufacturer, including primers, adhesives, sealants, and leveling compounds.

- B. Flooring Contractor Qualifications: The Flooring Contractor shall have completed at least three projects of similar magnitude, material and complexity, and must provide project reference details including contact names and telephone numbers.
- C. Install Qualifications: Installer experienced in performing work of this section who has specialized in installation of work similar to that required for this project.
 - 1. Engage installer certified as a Forbo "Master Mechanic".
 - 2. Proof of Certification: Provide proof of certification as Forbo "Master Mechanic" before start of work.
- D. Regulatory Requirements
 - 1. ASTM E648, NFPA 253: Class I, Critical Radiant Flux Flame Spread Value: Minimum 0.45 watts per sq. cm.
 - 2. Flame spread not greater than 25 and smoke density not greater than 450 when tested in accordance with ASTM E84.

1.05 ENVIRONMENTAL REQUIREMENTS

- A. Store materials for a sufficient period of time prior to installation in area of installation to achieve temperature stability. Follow material manufacturer's recommendations.
- B. Maintain minimum 68 degrees F temperature required by adhesive manufacturer three days prior to, during, and 24 hours after installation of materials.

1.06 EXTRA MATERIALS

- A. Provide 45 sq ft of flooring and 20 lineal feet of base of each material specified.

1.07 WARRANTY

- A. Submit under provisions of General Requirements.
- B. Provide manufacturer's 5 year warranty against defects and wear-through.

PART 2 - PRODUCTS

2.01 ACCEPTABLE MANUFACTURERS

- A. Products of the following manufacturers form the basis for design and quality intended.
 - 1. Forbo-Linoleum, Inc., Hazleton, PA.
 - 2. Azrock Commercial Flooring, Florence, AL.
 - 3. Armstrong World Industries, Inc, Lancaster, PA.
- B. Or equal as approved in accordance with General Requirements for Substitutions.

2.02 SHEET FLOORING MATERIALS

- A. Product:
 - 1. Forbo Marmoleum, Dual Sheet, 6'-7" wide rolls, ASTM F2034, Type 1.
 - 2. Forbo Marmoleum, Dual Tile 13 x 13 inches ASTM F2195, Type 1.

- B. Linoleum Sheet With Backing: Organic, jute backing; total thickness of 2.5 mm gauge; sheet width of 79 inches, conforming to the following:
 - 1. Wear Surface: Homogeneous
 - 2. Backing: Jute
 - 3. Static Load Limit: 450 psi
 - 4. Coefficient of Friction: ASTM D2047; minimum 0.6.
- C. Seam Welding Rod: As manufactured by the materials manufacturer, 4 mm wide in colors to match the specified material.
- D. 6 inch high integral coved base.
- E. Colors: Dual-707 Barley.

2.03 ACCEPTABLE MANUFACTURERS - REDUCER STRIPS AND ACCESSORIES

- A. Products of the following manufacturers form the basis for design and quality intended.
 - 1. Duramax Inc./Johnsonite, Chagrin Falls, OH.
 - 2. The Roppe Co., Fostoria, OH.
 - 3. Mercer Products Co., Inc., Orlando, FL.
 - 4. The Flexco Co., Tuscumbia, AL.
 - 5. AFCO Rubber Corp., North Canton, OH.
- B. Or equal as approved in accordance with General Requirements for substitutions.

2.04 REDUCER STRIPS AND ACCESSORIES

- A. Reducer Strip: 1/8 inch CB-C butting gauge, Johnsonite.
- B. Adhesive: Forbo L-910 or as recommended by the manufacturer.

2.05 FILLERS AND ADHESIVES

- A. Subfloor Filler: Ardex Feather Finish and Primer P-51, approved by the flooring manufacturer.

PART 3 - EXECUTION

3.01 EXAMINATION

- A. Verify that surfaces are smooth and flat with maximum variation of 1/8 inch in 10 ft, and are ready to receive Work.
- B. Prior to ordering linoleum flooring, conduct Calcium-Chloride Test Method in accordance with ASTM 1869 to verify that concrete floor slabs are dry with maximum moisture vapor emissions of 3 pounds per 1,000 square feet in 24 hours and that slabs exhibit negative alkalinity, carbonation or dusting. Apply the moisture test in four (4)

different areas of each floor location, with at least one test for each 1,000 square feet of floor area.

- C. Alkalinity Testing: Concrete floors shall be tested for alkalinity prior to the installation of linoleum flooring. Levels of pH shall not exceed the written recommendations of the linoleum flooring manufacturer or the adhesive manufacturer, or both.
- D. Ordering of flooring materials and beginning of installation means acceptance of existing substrate and site conditions.

3.02 PREPARATION

- A. Install Concrete Slab Vapor Emission Treatment system where tests reveal presence of more than acceptable moisture level in accordance with Test Method ASTM F 1869 or ASTM F 2170.
- B. Remove sub-floor ridges and bumps. Fill low spots, cracks, joints, holes and other defects with subfloor filler.
- C. Apply, trowel and float filler to leave a smooth, flat, hard surface, free of bumps or depressions of any size.
- D. Prohibit traffic from area until filler is cured.
- E. Vacuum clean substrate.
- F. Apply primer as recommended by the materials manufacturer.

3.03 INSTALLATION - SHEET MATERIAL AND TRENCH AND ACCESS COVERS

- A. Install in accordance with manufacturers' instructions.
- B. Spread only enough adhesive to permit installation of materials before initial set.
- C. Set flooring in place, press with heavy roller to attain full adhesion.
- D. Lay flooring with joints and seams in accordance with seaming plan.
- E. Terminate flooring at centerline of door openings where adjacent floor finish is dissimilar.
- F. Install edge strips at unprotected or exposed edges and where flooring terminates.
- G. Scribe flooring to walls, columns, cabinets, floor outlets and other appurtenances to produce tight joints.
- H. Install feature strips, edge strips and floor markings where indicated. Fit joints tightly.
- I. Provide additional linoleum backing as required to align trench and access floor cover linoleum finish surface flush with adjacent floor finish.

3.04 PROTECTION

- A. Prohibit traffic on floor finish for 48 hours after installation.

3.05 CLEANING

- A. Remove excess adhesive from floor, base and wall surfaces without damage.
- B. First Waxing: Clean flooring in accordance with manufacturer's instruction. Apply one coat of wad and buff with a polishing machine. Hand buff areas inaccessible to machine. Verify with Owner the type of wax to be used. Utilize approved materials only.
- C. Protection: Cover work with a heavy non-asphaltic non-staining type building paper where subsequent building operations occur. Protect work until completion and acceptance of building. Repair or make good any damage to this work and work of other trades damaged during installation of flooring.
- D. Final Waxing: Immediately prior to final inspection, remove protection and again wad flooring same as first waxing. Perform cleaning as required prior to final waxing.

3.06 REPLACEMENT MATERIALS

- A. Provide one length of each color of specified sheet floor covering material installed, 79 inch wide, approximately 10 feet long.
- B. Provide one carton of specified tile floor covering material installed, approximately 9-tiles.

END OF SECTION

