

ADDENDUM NO. 8

August 10, 2021

**HANOVER CENTRAL HIGH SCHOOL ADDITIONS AND RENOVATIONS
Cedar Lake, IN 46303**

TO: ALL BIDDERS OF RECORD

This Addendum forms a part of and modifies the Bidding Requirements, Contract Forms, Contract Conditions, the Specifications, and the Drawings dated March 29, 2021 by Gibraltar Design. Acknowledge receipt of the Addendum in the space provided on the Bid Form. Failure to do so may subject the Bidder to disqualification.

This Addendum consists of Pages ADD 8-1 and attached Specification Section 09 65 13 – Resilient Flooring.

GENERAL NOTE: This Re-Bid is ONLY for Bid Category No. 6 – Flooring. Bid opening is Thursday, August 12, 2021 at 10:00AM (CDST) in the Hanover Community Schools Administration Board Room

A. SPECIFICATION SECTION 00 00 20 - TABLE OF CONTENTS

1. Replace:

Specification Section 09 65 13 - Resilient Flooring

B. SPECIFICATION SECTION 01 12 00 - MULTIPLE CONTRACT SUMMARY

1. BID CATEGORY NO. 6C - RESILIENT & RESINOUS FLOORING

a. Add:

Clarification No. 5:

The **Bid Category No. 6C Contractor** shall provide all vinyl base as shown in the construction documents regardless of flooring system.

SECTION 09 65 13

RESILIENT FLOORING

1 General

1.1 Section Includes

- A. Resilient tile flooring.
- B. Luxury vinyl tile flooring.
- C. Resilient base.

1.2 Related Sections

- A. Section 02 41 30 - Minor Demolition for Remodeling: Removal of existing floor finishes.

1.3 References

- A. ASTM F1066 - Vinyl Composition Floor Tile.
- B. ASTM F1869: Standard Test Method for Measuring Moisture Vapor Emission Rate of Concrete Subfloor Using Anhydrous Calcium Chloride.
- C. FS L-F-475A - Floor Covering, Vinyl Surface (Tile and Roll), with Backing.
- D. FS SS-T-312 - Tile, Floor: Vinyl Composition.
- E. FS SS-W-40A - Wall Base: Rubber and Vinyl Plastic.

1.4 Submittals

- A. Submit shop drawings indicating patterns and accent area; including colors to be used in each installation.
- B. Submit samples under provisions of Division 1.
 - 1. Submit two 3 inches by 3 inches samples of each color to be used as noted in this section.
 - a. Where color is not specified, submit samples under provisions of Division 1.
 - 2. Include sample of premolded external base corner.
- C. Submit manufacturer's installation instructions under provisions of Division 1.
- D. Product Test Reports: Based on evaluation of comprehensive tests performed within the last two years by a qualified testing agency, indicating compliance with ASTM standards for type of resilient flooring indicated.

1.5 Maintenance Data

- A. Submit cleaning and maintenance data under provisions of Division 1.
 - 1. Include maintenance procedures, recommended maintenance materials, and suggested schedule for cleaning, stripping, and re-waxing.

1.6 Quality Assurance

- A. Installer Qualifications: An experienced installer with minimum 5 years experience, who has successfully completed at least 10 installations of resilient flooring similar in material, design, and extent to that indicated for this Project and whose work has resulted in construction with a record of successful in-service performance.
- B. Source Limitations: Obtain each resilient flooring material through one source from a single manufacturer.
- C. Mockup: Before beginning installation, install resilient flooring in one room selected by Architect to demonstrate typical installation.
 - 1. Obtain Architect's approval of room mockup before starting resilient flooring installation.
 - 2. Maintain room mockup during construction in an undisturbed condition as a standard for judging the resilient flooring installation throughout building.

1.7 Delivery, Storage, And Handling

- A. Deliver and store manufactured materials in original packages plainly marked with manufacturer's brand name.

1.8 Environmental Requirements

- A. Store materials for 3 days prior to installation in area of installation to achieve temperature stability.
- B. Maintain ambient temperature required by adhesive manufacturer 3 days prior to, during, and 24 hours after installation of materials.
- C. Moisture vapor emission content of the concrete slab must not exceed manufacturer's recommended criteria when using the calcium chloride test as per ASTM F1869.

1.9 Warranty

- A. Provide five (5) year warranty on materials and workmanship, including repairs or replacement if mastic bleeds through tile joints.
 - 1. When new tile is installed over existing tile, warranty shall include acceptance of the existing tile and mastic conditions.

1.10 Extra Materials

- A. Provide the following to the Owner.
 - 1. Two complete boxes of each type and color of resilient or luxury vinyl tile used on the project. 100 lineal feet of base materials used on the project.

2 Products

2.1 Vinyl Composition Tile Flooring Materials

- A. Acceptable Manufacturers:
 - 1. Tarkett Group, Chagrin Falls, Ohio.
 - 2. Armstrong World Industries, Inc., Lancaster, Pennsylvania.
 - 3. Mannington Resilient Floors, Salem, New Jersey.
- B. Vinyl Composition Tile: ASTM F1066; Composition 1, Class 2, through pattern tile; 12 inches by 12 inches size, 1/8 inch thick; Basis of design - color and pattern as indicated on Finish Legend on Drawings.

2.2 Vinyl Base Materials

- A. Acceptable Manufacturers:
 - 1. Armstrong World Industries, Inc., Lancaster, Pennsylvania.
 - 2. Flexco Company, Tuscumbia, Alabama.
 - 3. Johnsonite, Solon, Ohio.
 - 4. Roppe Rubber Corporation, Fostoria, Ohio.
 - 5. Vinyl Plastics, Inc., Sheboygan, Wisconsin.
- B. Vinyl Base: FS SS-W-40A; Type 2 vinyl; 1/8 inch thick, top set coved; premolded external corners; height noted.
 - 1. Colors as indicated on Finish Legend on Drawings.

2.3 Luxury Vinyl Tile (LVT) Flooring Materials

- A. Acceptable Products:
 - 1. Interface, Atlanta, GA.
 - 2. Tarkett Group, Chagrin Falls, Ohio.

- B. Vinyl Tile: ASTM F1700; Class III, Type B; Solid vinyl tile; size indicated by product, 0.100 inch thick. Basis of design - color and pattern as indicated on Finish Legend on Drawings.

2.4 Accessories

- A. Sub-Floor Filler: White premix latex; type recommended by flooring material manufacturer.
- B. Primers and Adhesives: Waterproof; types recommended by flooring manufacturer.
- C. Edge Strips: Metal or rubber as approved.
 - 1. Colors as selected by the Architect, or as noted in this section.
- D. Sealer and Wax: Types recommended by flooring manufacturer.

3 Execution

3.1 Examination

- A. Verify that surfaces are smooth and flat with maximum variation of 1/4 inch in 10 feet, and are ready to receive work.
- B. Beginning of installation means acceptance of existing substrate and site conditions.

3.2 Preparation

- A. Remove sub-floor ridges and bumps.
 - 1. Fill low spots, cracks, joints, holes, and other defects with sub-floor filler.
- B. Apply, trowel, and float filler to leave a smooth, flat, hard surface.
- C. Prohibit traffic from area until filler is cured.
- D. Vacuum clean substrate.
- E. Apply primer to surfaces, if required by the manufacturer.

3.3 Installation - General

- A. Install in accordance with manufacturer's 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. Terminate flooring at centerline of door openings where adjacent floor finish is dissimilar.

- E. Install edge strips at unprotected or exposed edges, and where flooring terminates.
- F. Scribe flooring to walls, columns, cabinets, floor outlets, and other appurtenances to produce tight joints.
- G. Lay flooring with joints and seams in accordance with seaming plan.

3.4 Installation - Tile Material

- A. Mix tile from container to ensure shade variations are consistent.
- B. Install tile in quarter turned pattern in square grid with all joints aligned, unless noted otherwise.
 - 1. Allow minimum 1/2 full size tile width at room or area perimeter.
 - 2. In general, use one color for field and borders.
 - 3. The Architect reserves the right to use a three-color pattern with potentially 1/3rd quantity of each color being utilized where colors are indicated, otherwise one solid color is required.

3.5 Installation - Base Material

- A. Fit joints tight and vertical.
- B. Maintain minimum measurement of 18 inches between joints.
- C. Miter internal corners.
 - 1. At external corners, use premolded units.
- D. Install base on solid backing.
 - 1. Bond tight to wall and floor surfaces.
 - 2. Spread adhesive to full coverage with notched trowel.
- E. Scribe and fit to door frames and other interruptions.
- F. Install in and around all recesses, openings, equipment, etc.
- G. Install carefully to prevent staining of fabric wall covering.

3.6 Protection

- A. Prohibit traffic on floor finish for 48 hours after installation.
- B. Protect finished floors with heavy paper.
- C. Provide board walks in areas used continuously as passageways by workmen.

3.7 Cleaning and Maintaining

- A. Remove excess adhesive from floor, base, and wall surfaces without damage.

- B. Clean floor and base surfaces in accordance with manufacturer's instructions.
 - 1. Vinyl Composition Tile: Follow initial cleaning instructions from the manufacturer for tiles, and the install floor polish (wax coat) in number of coats and type of product recommended by the manufacturer.
 - 2. Luxury Vinyl Tile: Follow initial maintenance instructions from the manufacturer for the tiles with final maintenance with a cleaning solution and equipment recommended by the manufacturer.
- C. Do not clean with solvents or wet mopping.

3.8 Additional Requirements

- A. Patch and repair existing tile floors where remodeling work requires.
 - 1. Patch existing tile floors to be covered with new tile or carpet with new tile to provide a smooth, uniform surface.
 - 2. When new tile is installed over existing tile, test to determine adhesion of existing tile.
 - a. Remove all loose or partially adhered existing tile.
- B. Provide new bases at all cabinets and equipment.

END OF SECTION