

## **ADDENDUM NO. 1**

**INVITATION TO BID #09-02**

**BID DESCRIPTION: Commercial Tile and Installation**

**ADDENDUM ISSUE DATE: April 7, 2009**

**BID OPENING DATE: Thursday, April 16, 2009**

**BID OPENING TIME: 10:00 AM**

Please include the attached specification clarification titled Section 09300 - Ceramic Tile to the Special Terms and Conditions section. This is in addition to the Special Terms and Conditions as previously issued.

Greater Rockford Airport Authority  
dba Chicago Rockford International Airport

### **Acknowledgment Page**

All Vendors shall acknowledge receipt and acceptance of this Addendum No. 1, by signing in the acknowledgment space provided below and submitting this acknowledgment page with their proposal.

Receipt acknowledgment and conditions agreed to this \_\_\_\_ day of \_\_\_\_\_, 2009.

Vendor \_\_\_\_\_

By \_\_\_\_\_

Greater Rockford Airport Authority  
dba Chicago Rockford International Airport

**SECTION 09300**  
**CERAMIC TILE**

**1. GENERAL**

**1.01. SUMMARY**

- A. Work Included In This Section Features:
1. Preparation of surfaces to receive ceramic tile.
  2. Ceramic tile floors.
  3. Joint grout.
  4. Grout and joint sealers.

**1.02. QUALITY ASSURANCE**

- A. Install tile in accordance with the recommendations contained in "Handbook for Ceramic Tile Installation," latest edition, by Tile Council of America, Inc. (TCA).
- B. Provide tile equal to or exceeding Standard Grade requirements of ANSI A137.1.

**1.03. SUBMITTALS**

- A. Samples:
1. Submit for each type and class of tile required 1 full size tile of each color available from manufacturer. Owner will make a preliminary selection from these samples of up to twice the number of colors specified for final selection.
  2. Submit manufacturer's full line of grout colors for Owner's preliminary selection.
  3. Selection Samples: Two sets of color chips representing manufacturer's full range of available colors.
- B. Product Data: Submit Product Data, manufacturer's specifications and instructions for setting/grouting material.

- C. Certificates: Provide manufacturer's TCA Master Grade Certificate before starting work.
- D. Maintenance Materials (extra stock): Supply extra 5% of total quantity of each tile used, including cove tile and bullnose tile. Place in clean marked cartons and deliver to Owner for Owner's maintenance use.

#### **1.04. PRODUCT DELIVERY, STORAGE AND HANDLING**

- A. Deliver materials and store on site in original containers with seals unbroken and labels intact until time of use.

#### **1.05. JOB CONDITIONS**

- A. Maintain minimum temperature limits (50°F) and installation practices as recommended by mortar and grout materials manufacturer.

## **2. PRODUCTS**

### **2.01. MATERIALS**

- A. Ceramic Floor Tile- No substitutions. One of the three types below shall be selected by owner upon review of bids. Contact Terry Smith at VirginiaTile 1(630) 595-0515.
  - 1. Ergon- Green Tech 18" x 18", with coordinating 6" ht. cove base.
  - 2. Crossville-Character 18" x 18", with coordinating 6" ht. cove base.
  - 3. Crossville-Americana 18" x 18", with coordinating 6" ht. cove base.

- B. Owner to select up to 3 tile colors from manufacturers standard options for tile and cove base.

Trim:

- a. Provide trim units for base including but not limited to round out and round in corner units.
- b. Colors and finish shall match adjacent tile when not indicated otherwise.
- c. At transitions you may provide extruded aluminum, or transition approved by owner, configured for mounting by way of an under-tile flange, by Schuter Systems, finish and color as selected by Owner from manufacturer's standard options."

### **2.02. SETTING AND GROUTING MATERIALS**

- A. Grouting Materials:

1. Ceramic Tile Grout: Polymer Modified Tile Grout conforming to ANSI A 118.7; TEC Accucolor with color to be selected by Architect from manufacturer's full range of colors.
  2. Grout Sealer: Use one of the following:
    - a. American Olean "Grout Sealer,"
    - b. TEC Inc. "Grout Guard Plus."
- B. Floor Patching/Leveling Compound:
1. High strength thin setting leveling compound, free of cellulose and salts, intended for interior use:
    - a. "Speccrete Concrete Magic" by Specco Industries, Inc.
    - b. "Thorocrete" by Harris Specialty Chemicals, Inc.
    - c. "Renderoc SD2" by Fosroc, Inc.
    - d. "VersaPatch - Latex-Modified Floor Patch" by TEC Inc.
    - e. "LevelCure" by C-Cure Corp.
    - f. "Feather Patch" by Bonsal
    - g. "Levelplan" by Mapei.
- C. Water: Clean and drinkable.

### **3. EXECUTION**

#### **3.01. INSPECTION AND PREPARATION**

- A. Installer shall examine the areas and conditions under which tile work is to be installed. Notify the Architect in writing of conditions detrimental to the proper and timely completion of the work. Do not proceed with the work until unsatisfactory conditions have been corrected.
- B. Level out floor, filling depressions with floor patching/leveling compound.
- C. Except for shrinkage cracks, repair cracks in substrate. Extend patching fabric so that it will be under at least 3 tiles on each side of the crack.

#### **3.02. INSTALLATION**

- A. Ceramic Tile Floors on Concrete Slabs on Grade: Thin-set in accordance with ANSI Specification A-108.5 (*Reference TCA detail F113, Dry-Set Mortar*).
- B. Floor tile shall extend to walls, under casework, furnishings and fixtures.

- C. Refer to the most current TCA Handbook, Method EJ171 for direction on locating, treating and detailing various types of control joints and expansion joints. Install and space expansion and control joints in all directions, and around room perimeter, in accordance with the TCA handbook for ceramic tile installation.
- D. Carry existing joints in the concrete subfloors and walls through the covering surfaces.
- E. Install an approved compressible bead and sealant to caulk expansion and control joints. Follow sealant manufacturer's installation instructions.
- F. Align all floor joints to give straight uniform grout lines, both parallel and perpendicular to the base.
- G. Jobsite blending: Blend tiles before installing in accordance with manufacturers standards to produce an even range and distribution of color and finish.
- H. Lay out all tile work so as to avoid cuts less than one-half tile in size.
- I. Grout shall finish even with bottom of cushion edges on tile. Before grouting with dark grout (if dark grout should be selected for use), seal the tiles with a sealer recommended by the tile manufacturer.

### **3.03. CLEANING AND PROTECTION**

- A. Cleaning: Upon completion of placement and grouting, clean all tile surfaces so they are free of foreign matter.
  - 1. Unglazed tile may be cleaned with acid solutions only when permitted by tile and grout manufacturers' printed instructions, but no sooner than 14 days after installation. Protect metal surfaces, cast iron and vitreous plumbing fixtures from effects of acid cleaning. Flush surface with clean water before and after cleaning. Do not use acid solutions in rooms or areas where stainless steel occurs.
  - 2. Leave finished installation clean and free of cracked, chipped, broken, unbonded, or otherwise defective tile work.
- B. Protection:
  - 1. All floor grout shall be sealed.
  - 2. When recommended by the tile manufacturer, apply protective coat of neutral protective cleaner to completed tile floors.
  - 3. Protect installed floor tile work with kraft paper or other heavy covering during the construction period to prevent damage and wear.
  - 4. Prohibit all foot and wheel traffic from using tiled floors for at least 3 days, preferably 7 days.
  - 5. Consult most current manufacturers "How to Care for your Tile" brochure for information on post installation cleanup and routine maintenance.

- C. Before final inspection, remove protective coverings and rinse neutral cleaner from all tile surfaces.

**END 09300.**