SECTION 09300
CERAMIC TILE

PART 1 - GENERAL

1.1 SUMMARY:

A. Section Includes:

1. Ceramic tile quality standards.
2. Ceramic tile manufacturers.

B. Related Sections:

1. Section 07900 - Joint Sealers.
2. Section 09260 - Gypsum Board Systems: Ceramic tile substrate.
3. Section 01710 - Final clean up

1.2 SUBMITTALS:

A. Manufacturer's Data:

1. Certification Requirements:

a. Certify that products furnished for this project are asbestos free.
b. Certify that products meet or exceed specification requirements.

2. Maintenance:

a. Submit instructions for proper maintenance and cleaning.

3. LEED MRe4: Recycled Content
Provide a statement from the manufacturer including recycled content percentage, by weight, and whether the recycled content is post-consumer or post-industrial.

B. Certificates:

1. Master Grade Certificate:

a. Conform to ANSI A137.1.
b. State grade, kind of tile, identification marks for tile packages, and name and location of project.
c. Issued and signed by manufacturer when tile is shipped.

2. Manufacturers of mortars, adhesives, and grouts to certify that materials are suitable Standards Institute.

1.3 QUALITY ASSURANCE:
A. Installer Qualifications:

1. Not less than 3 years experience in ceramic tile installations similar in size, scope, and installation procedures required for this project.

2. Submit list to Architect of five contracts recently completed with names of Architects and General Contractors involved.

B. Furnish tile conforming with Standard Grade requirements of ANSI A137.1 with manufacturer's label attached to each carton of tile certifying that it is "Standard Grade" per ANSI A137.1.

C. Except where otherwise specified, conform to Tile Council of America "Handbook for Ceramic Tile Installation" and ANSI A108, A118 and A136 as applicable.

D. When using setting and grouting materials manufactured under TCA license, include identification together with ingredients on each container.

E. Provide materials obtained from only one source for each type and color of tile.

1.4 MAINTENANCE:

A. Extra Materials:

1. Provide 5% of each size, type, and color of tile, but not less than 2 cartons; except in the case of accent colors, then the design consultant should recommend the appropriate quantities.

PART 2 - PRODUCTS

2.1 MANUFACTURERS:

A. American Olean Tile Co., Inc.

B. Buchtal Corp., USA.

C. Dal-Tile Corp.

D. Florida Tile Div., Sikes Corp.

E. Metropolitan Ceramics Div.; Metropolitan Industries, Inc.

F. Monarch Tile Manufacturing, Inc.

G. Summitville Tiles, Inc.

DESIGNER SHOULD CLEARLY DELINEATE ACCENT OR FIELD TILE PRICE GROUPS AND QUANTITIES.

OTHER MANUFACTURERS MAY BE USED FOR DECORATIVE TILE PAVERS.
H. United States Ceramic Tile Co.
   1. **LEED MRe4: Recycled Content**
      Materials shall contain recycled content.

2.2 **WATERPROOFING FOR THINSET TILE:**

   A. One-part liquid-applied urethane in a consistency suitable for trowel application and intended for use as both waterproofing and tile-setting adhesive in a two-step process.

      1. Product/Manufacturer: "Hydroment Ultra-Set" by Bostik Construction Products Div. or approved substitute.

      2. **LEED EQc4: Low Emitting Materials**
         VOC content of all indoor adhesives must meet or exceed the South Coast Air Quality Management District Rule #1168.

   B. Provide at all thinset floor tile applications above grade in "wet" areas.

**PART 3 - EXECUTION**

   Not Used

**PART 4 – FINAL CLEAN-UP**

   A. Floor must be stripped/scrubbed and a minimum of one coat of approved sealer.

**COORDINATE TILE WAINSCOTS WITH ALL TOILET ACCESSORIES (INCLUDING OWNER SUPPLIED ITEMS) AND TOILET PARTITIONS TO ENSURE MOUNTING OF THESE ITEMS DOES NOT STRADDLE WAINSCOT. COORDINATE MOUNTING HEIGHTS WITH UFAS REQUIREMENTS.**


**12" CERAMIC TILES MUST BE USED FOR RESTROOM FLOOR WITH GREY OR BLACK GROUTING. 1" FLOOR TILES ARE UNACCEPTABLE.**

**END OF SECTION 09300**