SECTION 096813 - TILE CARPETING

PART 1 GENERAL

1.01 SECTION INCLUDES:

A. The work of this section shall include all labor, materials, equipment and services required and necessary to furnish and install the carpet squares and related items as indicated or specified.

1.02 WARRANTY

A. The contractor shall guarantee all carpeting against defects of material and workmanship for two (2) years following the date of substantial completion. Carpet shall be guaranteed to remain firm and tight in place without wrinkling, creeping, seams opening or edges loosening.

B. All carpets should be guaranteed, from the date of contract completion, for a period of ten (10) years against wear of the surface pile of more than 10% in any given area. The Carpet Manufacturer shall replace the worn area with carpet of equal or better quality if such wear should occur and pay for the total cost, including labor, freight, etc., with no costs being passed onto the Purchaser.

1.03 SUBMITTALS

A. Submit Product Data Sheets, plans indicating location and layouts, shop drawings of all miscellaneous accessories, and manufacturer’s instructions for proper installation and maintenance procedures.

PART 2 PRODUCTS

2.01 MATERIALS

A. Carpet requirements shall be as follows unless noted otherwise on the Contract Documents:

1. **Project Administration Building**: Custom Color #155254 Spiced Candy and Ideas in Contrast #2404 Frosted Ming. By Interface or approved equal.

2. **Curry Road Facility**: Palace Plus Flecks 3000 #50201 Redwood Aurora and Prisims 3000 Flecks #155412 Nutmeg Rose and periodic accents with Palette Plus Flecks 3000 $50220. By Interface or approved equal.

3. **Southside Service Center, West Valley Service Center, East Valley Service Center, X-Cut Facility and Tempe Service Center**: Custom color #158537 Wolf Grey, and Synerpoint #17920000000 Cloisonne Custom Base Color #158537 Wolf Grey. By Interface or approved equal.

4. **Information Systems Building**: Customer Color Combining #50208 Cameo Aurora and #50207 Redwood Aurora Palette. Plus Flecks 3000 and Cameo Aurora Palette Plus Flecks 3000 #50208. By Interface or approved equal.

5. **All Facilities**: Carpet shall be of 100% Chromafast Nylon with Static Control Fusion Bonded Carpet, with minimum 28 oz. Weight and a minimum .250 height with a Glasbac Vinyl Backing 158 oz. and 18 x 18 in size.

6. **All Facilities**: Walk off time should be provided at all exterior entrances. A minimum of door width times 10 feet shall be provided and installed unless shown otherwise on the Contract Documents. Walk off tile should be #501 Grey. By Interface or approved equal.
B. Adhesive shall be resealable adhesive as approved by carpet manufacturer, equal.

C. Miscellaneous Materials – Provide all seam materials, edge trim, reducer strips and other miscellaneous materials as indicated or required for a complete job.

D. Spare Parts – Provide 5% extra carpet tiles of each type and color specified.

PART 3 EXECUTION

3.1 PREPARATION

A. Areas to receive carpet shall be dry, and other construction work shall have been completed. Air temperature and subfloor temperature shall be 50-70 °F minimum for 48 hours; in cold weather provide adequate heat to fulfill this requirement. Relative humidity shall be less than 60%.

B. Surfaces designated to receive carpet shall have grease and foreign matter removed by cleaning and scraping as necessary, and shall be thoroughly cleaned with a commercial vacuum cleaner. Grind any ridges and high spots in concrete surfaces smooth. Fill cracks in concrete with latex emulsion filler compatible with the adhesive.

C. Carpet shall be opened and relaxed for 24 hours prior to installation.

D. Sweep and damp mop the area to receive carpet.

3.2 INSTALLATION

A. Carpet shall be laid out to ensure perimeter squares to be maximum size. Narrow strips shall not be acceptable.

B. Apply adhesive in one direction only with one four (4) inch strip (tac line) at ten foot intervals and along the perimeter. After adhesive is tacky and will not transfer to the back of the carpet squares, squares shall be applied at center area of application and worked in quadrants using the pyramid technique.

C. Carpet squares shall be laid accurately and firmly, butting each against its neighbor. Seams shall be tight and blended with a steam roller.

D. Install carpet and adhesive per manufacturer’s recommendations.

E. The final installation shall produce a carpeted surface that is smooth, lays completely flat, without ripples, wrinkles or surface irregularities. The carpet shall be free of any rips, tears, pulled yarns, stains or discoloration.

F. Where one color carpet transitions into a different color carpet or material at the doorway, trim carpet so that it ends directly under the center of the door. Where carpet abuts another flooring material, provide proper edge trim to produce a smooth transition and finished appearance. All edge trim shall be securely attached to the floor slab in accordance with the manufacturer’s recommendations.

3.3 CLEANING

A. All carpet shall be vacuumed thoroughly immediately after installation.

END SECTION