



CARPET TILE SPECIFICATIONS OCCUPIED SPACE CARPET REPLACEMENT

PART 1 - GENERAL

1.1 SCOPE OF WORK:

The City of Springfield (hereby known as OWNER) is requesting sealed bid proposals from qualified floor covering installation contractors (hereby known as CONTRACTOR) for the replacement of the carpet in the clubhouse of The Legacy at 100 Ray Floyd Drive, Springfield, TN 37172. The project includes the removal and haul away of the existing carpet and pad, cove base, and molding as required. It also includes preparation of surfaces to receive carpet, installation of new carpet tile, and replacement of cove base and molding. All existing carpet within the clubhouse will be replaced.

1.2 BIDDER QUALIFICATIONS:

Contractor must provide compliance letter from officer of bidding company on company letterhead stating that company meets the following installation criteria of this specification:

- A. In business installing carpet for the previous five consecutive years.
- B. Performed a minimum of five commercial carpet installations within the last five years. Provide references with project size, date, and customer contact with phone number.
- C. Performed a minimum of three carpet tile installations within the last five years. Provide references with project size, date, and customer contact with phone number.
- D. Additional Required Documents:
 - 1. Verification of workers' compensation and liability for all employees staffing the project.
 - 2. Certificate of insurance with a minimum of \$1,000,000 coverage.

1.3 SUBMITTALS:

Contractor shall provide the following materials in the bid submittal:

- A. A layout of the clubhouse indicating detailed phasing for the installation of products.
- B. Product Samples: A minimum 18" x 18" sample of proposed equivalent carpet not specified by manufacturer, style number, and color in Section 2.1 – F.
- C. Product Construction Specifications and Performance Test Reports: Manufacturer's specifications (including all specifications listed in Section 2.1 – C, D, E, & F) of proposed equivalent carpet not specified by manufacturer, style number, and color in Section 2.1 – F.
- D. Maintenance Instructions:
 - 1. Maintenance recommendation for extraction frequency and suggested schedule for spot cleaning.
 - 2. List materials, substances, and other items which will affect finishes and performance.

1.4 PROJECT CONDITIONS:

- A. Contractor shall visit the site and be responsible for all measurements and job conditions.
- B. Before submitting bid, the contractor and material suppliers shall examine these specifications and existing building conditions. If any existing materials are not specified to be removed, but the opinion of the contractor is that removal is necessary, the contractor shall provide a detail of these items and include them as a separate line item cost in the overall costs of the project. If, in the opinion of the contractor and material suppliers, it is necessary to apply floor primers or sealers or make any other modifications to the substrate that has not been specified, the contractor shall provide a detail of these items and include them as a separate line item cost in the overall cost of the project. No additional charges will be approved for these or similar items after the bid date.

1.5 QUALITY ASSURANCE:

- A. Carpet manufacturer shall have been manufacturing commercial carpet tile continuously for a period of 10 years. Manufacturer shall produce a significant portfolio attesting to their expertise within the realm of owner's facility description. Secondary backing system must be applied by manufacturer and be of a layered, composite construction. Final determination and qualification of a manufacturer rests solely with the owner's representative.
- B. Carpet backings and components shall be assembled in house by named manufacturer.

1.6 DELIVERY:

- A. Carpeting shall be delivered to the job site in original boxes with each box having its register number properly attached, clearly marked as to size, dye lot, quantity and material.
- B. Material shall be stored in an enclosed and dry area protected from damage and soiling.

1.7 WARRANTY:

- A. Manufacturer's Warranty: Product shall be warranted for a period of no less than 15 years from date of invoice.
- B. Floor Covering Installation Contractor's Warranty: Contractor shall submit a certificate guaranteeing the installation to be free of defects in workmanship for a period of two years. The certificate shall include the following statement: Installer shall, at his own expense and upon written notice from the Owner or his representative, promptly correct/replace any and all improper work and material that may become apparent within two years after the date of Substantial Completion. This warranty shall be in addition to and not a limitation of other rights the owner may have against the contractor under the contract documents.

1.8 OWNER'S EXTRA MATERIAL:

- A. Provide a minimum of 2% or five square yards (whichever is greater) of each carpet used by product, color, etc. Provide owner's representative with a floor layout plan, coded by area, designating the location of each dye lot/run number/style and or top, bottoms, left or right sides of carpet tile. The required overage shall be provided for each of the aforementioned possible variations that apply and should be delivered in identified manufacturer's packaging with area codes corresponding to those indicated on floor layout plan.

PART 2 – PRODUCTS

2.1 PRODUCT SPECIFICATIONS:

A. Manufacturer's Certification:

Show compliance to required codes and traffic ratings for the intended applications.

B. Manufacturers:

Manufacturer for the Basis of the Design:

Shaw Contract Group

Or equal from the following manufacturers:

Mohawk Industries, Milliken & Company, Interface Global, J & J Industries, Beaulieu of America
Colors and patterns shall match samples of those specified. Owner's representative will review responsible products exceeding the technical, color and pattern specifications listed herein.

Unless otherwise amended, no "value engineering" suggestions will be entertained on this item and bidders are expected to comply with these specifications.

C. Construction:

Specification sheets shall be supplied by the carpet manufacturer and contain a minimum of the following details and meet the minimum specified requirements. Color and Pattern to match specifications in Section 2.1 – E.

PRODUCT CONSTRUCTION

YARN SYSTEM:	Multi-level pattern loop or cut loop
DYE METHOD:	100% Solution Dyed
SOIL/STAIN PROTECTION:	Shaw Soil Protection or equivalent

PRODUCT SPECIFICATIONS

YARN WEIGHT:	≥ 15 oz.
MACHINE GAUGE:	≥ 1/12
PILE THICKNESS:	≥ 0.084"
DENSITY:	≥ 5581
TILE SIZED:	24" x 24" or 18"x36"

PERFORMANCE SPECIFICATIONS

Flooring Radiant Panel (ATSM E-648)	Class 1
Smoke Density (NFPA 258 or ASTM-E-662)	≤ 450
Lightfastness (AATCC 16-E)	≥ 4.0 @ 60 AFU's
Static (AATCC - 134)	< 3.5 KV
Dimensional Stability (AACHEN Din 54318)	< .10%
Preservative Efficacy (AATCC 174 Parts 2&3)	99% Reduction/ No Mold 7 Days (ASTM E-2471) Complete Inhibition
Traffic Classification	≥ 3.0 TARR

D. Carpet Fiber:

Nylon

- E. Carpet Backing:
Primary Backing – Synthetic
Secondary Backing – Shaw Ecoworx Tile or equivalent
- F. Warranty:
Manufacturer’s Warranty: Product shall be warranted for a period of no less than 15 years from date of invoice.
- G. Products:
The following products are approved for color and pattern and meet the specifications listed in Section 2.1 – B:

Shaw Contract Group

Style Name: Lineweight Tile
Style Number: 5T114
Color Options: 13505, 13496, 13222

Or

Shaw Contract Group

Style Name: Sketch Tile
Style Number: 59591
Color Options: 33549, 33315

Or

Shaw Contract Group

Style Name: Sculpt Tile
Style Number: 5T007
Color Options: 83505, 83496, 83585

Or

Shaw Contract Group

Style Name: Surround Tile
Style Number: 5T125
Color Options: 17505, 17597, 17557

Or

Equivalent by approved manufacturer in Section 2.1 - A

- H. Accessories
1. Sub-floor sealers, fillers, primers, and adhesives shall be those which are approved by the manufacturer of the carpet.
 2. Moldings: Where carpet terminates at other types of floor finishes, contractor shall provide carpet transition reducer of thickness to match carpet and adjacent material. Color as selected by owner’s representative.
 3. Miscellaneous Materials: As recommended by manufacturer of carpet and selected by Contractor to meet project circumstances and requirements. All strippers required for the effective removal of old adhesives from subfloor or other surfaces must be an environmentally friendly product, not exceeding V.O.C. federal test standards, and of the organic type.

PART 3 – EXECUTION

3.1 EXECUTION:

- A. Inspect new and existing substrates. Verify suitability of substrates to accept carpet installation. Beginning installation in any given area means acceptance of all surfaces and conditions affecting the work of this area by the floor covering installation contractor. Areas shall be defined as the following:
 - 1. Golf Shop
 - 2. Golf Pro's Office
 - 3. Grill Room
 - 4. Entrance/Corridor
 - 5. General Manager's Office
- B. Where primers/sealers are used, their compatibility with adhesive shall be verified prior to starting installation.

3.2 PREPARATION:

- A. Perform all substrate preparation procedures in strict accordance with carpet and adhesive manufacturers' recommendations.
- B. Surfaces to receive carpet must be free of dirt, solvents, oil, grease, paint, plaster, moisture and other substances detrimental to proper performance of adhesive and carpet.
- C. Concrete Surfaces:
 - 1. Verify that moisture and alkalinity conditions of the concrete are acceptable before beginning installation.
 - 2. Ensure there is no dusting.
 - 3. Grind down ridges or high spots and fill low spots as necessary.

3.3 INSTALLATION:

- A. Description of Work:

Occupied Workspace Carpet Replacement: Existing flooring shall be removed and new carpet tile installed. It is recommended that a furniture manufacturer approved Lift-System be utilized where possible as essential office equipment will be in use and may not be able to be unplugged.

Quotation of the installation shall be submitted to the owner under the following parameters:

 - 1. The installation is to be minimally disruptive to the business environment.
 - 2. The work in the Golf Shop and the Grill Room must be completed at different times leaving one or the other fully operational at all times.
 - 3. Each installation session shall leave the area in normal working order.
 - 4. All furniture is to be lifted in a vertical manner (no distortion or deflection).
- B. Installation:
 - 1. Carpet Tile shall be installed according to manufacturer recommendations regarding adhesive, grid lines, etc.
 - 2. The carpet tile manufacturer will warranty adhesive and backing compatibility with the existing substrate.

3. As this is an occupied area, only adhesives with no detectable VOC's will be utilized and MSD sheets presented to and approved by owner's representative prior to installation.
 4. The carpet tile shall be installed with "modular integrity". The installation should be treated as one contiguous floor without regard to walls or partitions. No piece tiles in any open areas except along fixed walls.
 5. Detail cleaning and vacuuming shall be completed after each installation session.
 6. No trip hazards shall be left between installation sessions.
 7. All spots shall be removed or carpet replaced where spots cannot be removed prior to final inspection and acceptance.
 8. Upon completion of installation, all waste materials, tools, and equipment shall be removed.
 9. Upon completion of installation, entire floor surface shall be thoroughly vacuumed using commercial vacuums.
- C. Disposal:
Carpeting removed from site shall be properly disposed of according to all federal, state, and local laws.
- D. Inspection and Acceptance:
Upon completion of the installation the owner shall inspect and verify that the work is complete and satisfactory.
- E. Maintenance Instructions:
Contractor shall furnish owner's representative with carpet manufacturer's recommended carpet extraction and spot cleaning procedures and shall provide instruction to owner's maintenance personnel on carpet care and cleaning.

3.4 RIGHT OF REFUSAL:

- A. The City of Springfield reserves the right to reject any and all bids.