

Mayor  
**Michael L. Montandon**

Council Members  
**William E. Robinson**  
**Stephanie S. Smith**  
**Shari Buck**  
**Robert L. Eliason**



City Manager  
**Gregory E. Rose**

Finance Department  
2200 Civic Center Drive • North Las Vegas, Nevada 89030  
Telephone: (702) 633-1467 • Fax: (702) 649-5077 • TDD: (800) 326-6868  
[www.cityofnorthlasvegas.com](http://www.cityofnorthlasvegas.com)

Date: February 23, 2009

**BID NO. #1330**  
**FURNISH AND INSTALL CARPETING AND TILE FOR THE FREHNER BUILDING**  
**ADDENDUM NO. 3**

Please make the additions, changes, and deletions to City Bid No. B1330

General Clarifications

1. Add Carpet Specifications and Floor Specifications to this bid.
2. All other terms and conditions remain the same.

Dwight Rawlinson  
Purchasing & Risk Management

**SECTION 09680**  
**CARPET**

**PART 1 GENERAL**

**1.1 SECTION INCLUDES**

- A. Carpet and Installation
- B. Accessories

**1.2 RELATED SECTIONS** including but not limited to:

- A. Section 09650 – Resilient Flooring
- B. Section 09300 – Tile
- C. Section 09686 – Floor Preparation for Carpet

**1.3 REFERENCES**

- A. ASTM D629 "Quantitative Analysis of Textiles".
- B. ASTM D123 "Terms Relating to Textile Materials".
- C. ASTM D418 "Testing Woven and Tufted Pile Floor Covering".
- D. Fed. Spec. DDD-C-95 "Carpet and Rugs, Wool, Nylon, Acrylic, and Modacrylic".
- E. General Terminology/Information Standard: Refer to current edition of "Carpet Specifier's Handbook" by the Carpet and Rug Institute, for definitions of terminology not otherwise defined herein, and for general recommendations and information.
- F. Flame/Smoke Resistance Standards: Where ratings are indicated for carpet installations, provide materials complying with ratings as indicated for the test standards listed.
- G. Fade Resistance: Where a fade resistance factor is indicated for carpet or carpet materials, provide materials which have been tested by AATCC Test Method 16E, for a maximum gray scale factor of 4 when tested for a period of 40 hours.
- H. Static Resistance: Provide yarn or yarn blend as indicated in carpet construction and include provisions to comply with static resistance ratings as indicated, either by selection of yarns known to be effective or by inclusion of small percentages of special anti-static yarn known to be effective in achieving indicated static resistance. Provide 3.5 KV resistance for 20-% R H at 70 deg F (21 deg C), AATC134.

#### 1.4 SUBMITTALS

- A. Product Data: Submit manufacturer's complete technical product data for each type of carpet, cushion and accessory item required.
- B. Shop Drawings: Submit carpet layout and seaming drawings, clearly indicating carpet directions, locations and methods of joining seams and locations and types of edge strips. Indicate columns, doorways, enclosing walls/partitions, built-in cabinets and locations where cut-outs are required in carpet.
- C. Samples: Submit manufacturer's current architectural folder and two (2), 12x12 samples of each carpet required, and 6" long samples of each type exposed edge stripping.
- D. Certification:
  - 1. Manufacturers shall submit a letter certifying that the carpet offered meets or exceeds the specified requirements and is manufactured to the specification listed in the latest manufacturer's architectural folder. Include supporting certified laboratory test data.
  - 2. Pre-qualification does not relieve the manufacturer's responsibility for meeting the specifications.
  - 3. The Owner reserves the right to require the taking of random samples or materials delivered to job for laboratory testing at Contractor/s expense. Should tests show that samples so taken fail to meet the specifications, the carpet shall be removed at the contractor's expense and replaced with carpet that does meet specifications.
  - 4. Manufacturer shall provide certification that the product submitted is asbestos and formaldehyde free or submit complete details as the incorporation of these substances.

#### 1.5 DELIVERY, STORAGE, HANDLING AND EXTRA MATERIALS

- A. Deliver carpeting materials in original mill protective wrapping with mill register numbers and tags attached.
- B. Store inside, in well ventilated area, protected from weather, moisture and soiling.

#### 1.6 MAINTENANCE

- A. The carpet manufacturer to furnish the Owner at least three (3) printed copies of the manufacturer's recommendations for the care, cleaning, and maintenance of the carpet furnished and thoroughly instruct the Owner's maintenance personnel in the care, cleaning and maintenance of the carpet.

## PART 2 PRODUCTS

### 2.1 GENERAL INFORMATION

#### A. Carpet:

1. Carpet shall be selected by Construction Manager. For bidding purposes, bid Interface style 16351 or equal.

#### B. Accessories:

1. Carpet edge guard, Metallic: Provide extruded aluminum fold-down edge guard with concealed gripper teeth; minimum 1-1/2" wide punched anchorage flange; minimum 5/8" wide fold flange. Provide with hammered texture in anodized aluminum finish of color selected by the Construction Manager at floor edges. Provide with smooth texture in clear anodized aluminum at top of base.
2. Installation Adhesive: Water-resistant, non-staining type as recommended by carpet or cushion manufacturer, and which complies with flammability requirements for installed carpet.
3. Seaming cement: Hot-melt seaming adhesive or similar product recommended by carpet manufacturer, for taping seams and butting cut edges at backing to form secure seams and preventing pile loss at seams.
4. Miscellaneous Materials: As recommended by manufacturers of carpet, cushions, and other carpeting products, selected by installer to meet project circumstances and requirements.

## PART 3 EXECUTION

### 3.1 EXAMINATION

- A. Examine all sub-surfaces to receive work and report in writing to general contractor, with a copy to Construction Manager, any conditions detrimental to work. Failure to observe this injunction constitutes a waiver to any subsequent claims to the contrary and holds carpet contractor responsible for any corrections Owner may require. Commencement of work will be construed as acceptance of all sub-surfaces.
- B. Clear away debris and scrape up cementitious deposits from surfaces to receive carpeting. Vacuum clean and wet mop before installation. Floor shall be thoroughly dry before applying adhesive. Check concrete surfaces to ensure no dusting through installed carpet. Apply sealer where required to prevent dusting.
- C. Sequence carpeting with other work so as to minimize possibility of damage and soiling of carpet during remainder of construction period.

### 3.2 TESTING

- A. The carpet brought to the jobsite will be tested for contract compliance by the Owner. Any carpet found not to be in compliance will be removed and replaced at no cost to the Owner.

### 3.3 INSTALLATION

- A. General:
  - 1. Comply with manufacturer's instructions and recommendations for seam locations and direction of carpet; maintain uniformity of carpet location and lay of pile. At doors, center seams under doors; do not place seams in areas where traffic changes direction. Use minimum number of seams in corridors.
  - 2. Extend carpet under open-bottomed obstructions and under removable flanges and furnishings, and into alcoves and closets of each space.
  - 3. Provide cut-outs where required, and bind cut edges properly where not concealed by protective edge guards or overlapping flanges.
  - 4. Install carpet edge guard where edge of carpet is exposed; anchor guards to substrate.
- B. Glu-Down Installation:
  - 1. Fit sections of carpet into each space prior to application of adhesive. Trim edges and butt cuts with seaming cement. Scribe cuts to walls to allow no gaps.
  - 2. Apply adhesive uniformly to substrate in accordance with manufacturer's instructions. Butt carpet edges tightly together to form seams without gaps. Roll entire carpet area lightly to eliminate air pockets and ensure uniform bond. Remove adhesive promptly from face of carpet.

### 3.4 CLEANING AND PROTECTION

- A. Remove and dispose of debris and unusable scraps.
- B. Vacuum carpet using commercial machine with face-beater element.
- C. Remove spots and replace carpet where spots cannot be removed. Remove any protruding face yarn using sharp scissors.
- D. Advise contractor of protection methods and materials needed to ensure that carpeting will be without deterioration or damage at time of substantial completion.

**END OF SECTION 09680 - CARPET**

**SECTION 09686**  
**FLOOR PREPARATION FOR CARPET**

**PART 1 GENERAL**

**1.1 SUMMARY**

- A. Section Includes:
1. Preparation of substrate to receive installed materials.
  2. Accessories required for a complete installation.

**1.2 QUALITY ASSURANCE**

- A. Regulatory Requirements: Comply with applicable requirements for American Disabilities Act Accessibility Guidelines for Buildings and Facilities (ADAAG).

**1.3 PROJECT CONDITIONS**

- A. Substrate Conditions: No condensation within 48 hours on underside of 4' x 4' polyethylene sheet, fully taped at perimeter to substrate.
- B. Substrate Conditions: pH of 9 or less when substrate wetted with potable water and pHydron paper applied.
- C. Existing Substrates Conditions: clean, flat and smooth.

**PART 2 PRODUCTS**

**2.1 MATERIALS**

- A. Trowelable Underlayments and Patching Compounds: Latex modified, portland cement based formulation approved by manufacturer for applications indicated. Manufacturers:
1. Ardex-SDT, SDP, and SDF products
  2. Henry's-331, 333, and 345
  3. Armstrong-S183, and S-184
  4. Dependable Feathercrete, Skimcrete, and Skimcrete XL
  5. Webcrete 95

**PART 3 EXECUTION**

**3.1 EXAMINATION**

- A. Concrete Subfloors:
1. Slab substrates are dry to maximum moisture emission rate of 3.0 pounds per 1000 square feet in a 24 hour period as ascertained by a calcium chloride moisture test. The acceptable pH (alkalinity) range is 7.0 to 9.0.

2. Slab substrates are free of curing compounds, sealers, hardeners, and materials whose presence interferes with bonding of adhesive, and exhibit negative alkalinity, carbonization, or dusting.
3. Finishes of subfloors smooth and flush.
4. Subfloors are free of cracks, ridges, depressions, scale, and foreign deposits.

### 3.2 PREPARATION OF SUBSTRATE

- A. Clear away debris and scrape cementitious deposits from concrete surfaces. Remove existing adhesives and floor covering materials to bare concrete.
- B. Preliminary Surface Grinding: Grind surface with a carbonite grinder prior to application of underlayment to eliminate high spots, peaks, roughness, trowel marks, remnant adhesives, and surface characteristics of substrate which telegraph and photograph through resilient floor.
- C. Subfloor Preparation for New or Patched Concrete: Fill cracks and holes and level depressions with leveling compound. Surface tolerance: Maximum +1/8 inch in 10 feet in any direction.
  1. Clean the cracks and holes to remove dust and debris prior to patch filling
  2. Use trowelable leveling and patching compounds in accordance with manufacturer's directions to fill cracks, holes, and depressions in substrates.
  3. Verify new concrete substrate has been sealed with sealer compatible with adhesives.
  4. Finishing of underlayment: Sand or grind surface smooth to eliminate telegraphing and photographing of depressions, peaks, roughness, high points, and surface characteristics of underlayment.
- D. Existing Concrete: Patch holes and fill cracks to smooth surface, sand to level, and remove wax. Chemically strip and seal concrete compatible with adhesives. Existing Substrates to be cleaned thoroughly, scraped smooth, infill patched and sanded as necessary for a smooth flat surface.
- E. Leave clean and ready to receive new carpet material.

### **END OF SECTION 09686 – FLOOR PREPARATION FOR CARPET**

