

YOKAYO CENTER OFFICE "E" CARPET REPLACEMENT PROJECT REQUEST FOR BIDS



County of Mendocino
Facilities & Fleet

Bid No. 27-16

Project Description: Replace carpet in Office E

Issue Date: May 10, 2016

Due Date: June 1, 2016

Mendocino County is seeking bids from Flooring Contractors to apply a Vapor Emission Control Coating and replace carpet in the Yokayo Office E located at 737 South State Street, Ukiah. Sealed Bids will be accepted at the Facilities and Fleet Building, at 851 Low Gap Road, Ukiah, until 2:00 p.m. June 1, 2016.

REQUIRED LICENSING

The license required for this Project is "C15" License. Contractor's License # _____ Expires _____

☐ Contractor has registered with the State of California's DIR (Department of Industrial Relations) website.

DIR Registration # _____

AWARD OR REJECTION OF BIDS

The contract shall be awarded to the lowest responsive and responsible bidder complying with these instructions, provided the bid is deemed reasonable and in the best interest of the County of Mendocino.

TIME OF COMPLETION

Bidder agrees to commence work on or before a date to be specified and to fully complete the project within Thirty (30) calendar days.

NON-MANDATORY WALK THROUGH

A non-mandatory pre-quote conference will be held on May 24, 2016 at 9:00 a.m. at the Project site located at 737 South State Street, Ukiah, California.

FOR MORE INFORMATION

For additional details and information, contact Lisa Russo, Facilities and Fleet, at (707) 234-6073.

SCOPE OF WORK

- Preparation of floor for application of a Vapor emission Control Coating and new carpeting installation. Installation shall comply with the IAQ guidelines.
- Installation of new carpeting/flooring materials; Shaw, style name Charisma, style #59561, carpet tiles, color Legend, with Shaw 5000 Pressure Sensitive Adhesive.
- Installation of 4" top set (rubber) base, Burke/Mercer-Black/ Brown, with Ultra bond ECO 575 adhesive.
- If required, removal and installation of doors and hardware. ADA compliant transition strips to be used where applicable.
- Contractor is responsible to verify all conditions at the worksite; ANY inconsistencies shall be brought to the County's attention before proceeding with any work.
- Any/All supervision, equipment, materials, clean up, and project site management needed to complete the work shall be included.

BID

Total Bid Price: _____ (\$ _____)

ADDENDUM ACKNOWLEDGEMENT: I have received the following addendum pertaining to the bid and they are included as part of my bid. Addendum Numbers: _____

THIS FORM MUST BE COMPLETED, SIGNED AND DATED FOR YOUR BID TO BE VALID:

Signature: _____

Date: _____

Print Name _____

Address: _____

Company: _____

E-mail: _____

Phone: () - _____

An engineer's estimate has not been prepared for this project. For the convenience of bidders this project has been placed in the budget category noted below. Acceptance or rejection of bids is not limited by the range indicated.

- Less than \$45,000 * No bonding required

PAYMENT OF PREVAILING WAGES

Pursuant to the provisions of the Labor Code of the State of California, the Department of Industrial Relations has made a determination of the rate of per diem wages to be paid on the prevailing rate of pay for regular, holiday and overtime work in the locality in which the public work is to be performed, for each craft, classification, or type of workman needed to execute the contract. All County of Mendocino projects greater than \$1,000 requires that contractors adhere to Prevailing Wage requirements (California Labor Code, Sections 1770 through 1775). The rates can be found online here: <http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm>

CONTRACTOR REGISTRATION

Per Labor Code Section 1771.1(a) A contractor or subcontractor shall not be qualified to bid on, be listed in a bid proposal, subject to the requirements of Section 4104 of the Public Contract Code, or engage in the performance of any contract for public work, as defined in this chapter, unless currently registered and qualified to perform public work pursuant to Section 1725.5. It is not a violation of this section for an unregistered contractor to submit a bid that is authorized by Section 7029.1 of the Business and Professions Code or by Section 10164 or 20103.5 of the Public Contract Code, provided the contractor is registered to perform public work pursuant to Section 1725.5 at the time the contract is awarded.

CERTIFIED PAYROLL RECORDS

Per Labor Code Section 1776 each contractor and subcontractor shall keep accurate payroll records. A certified copy of all payroll records for work performed under this contract shall be furnished upon request to a representative of the awarding body. Per SB 854 contractors and subcontractors are required to furnish certified payroll reports directly to the Department of Industrial Relations.

EMPLOYMENT OF APPRENTICES

Each contractor and subcontractor performing work in an apprenticeable craft or trade shall comply with Section 1777.5 relating to Apprentices on public works projects.

LAWS AND GOVERNANCES

In the performance of the work contemplated by this contract, the contractor shall conform to and abide by all labor requirements and provisions of State and Federal Laws and City and County Ordinances and Regulations which may in any manner affect those engaged or employed on the work project, including but not limited to the overtime provisions of the Labor Code section 1813 and 1815 of the State of California.

INSURANCE REQUIREMENTS

Insurance coverage in a minimum amount set forth herein shall not be construed to relieve CONTRACTOR for liability in excess of such coverage, nor shall it preclude COUNTY from taking such other action as is available to it under any other provisions of this Agreement or otherwise in law.

CONTRACTOR agrees to indemnify and hold harmless COUNTY, its elected or appointed officials, employees or volunteers against any claims, actions, or demands against them, or any of them, and against any damages, liabilities or expenses, including costs of defense and attorney's fees, for personal injury or death, or for the loss or damage to the property, or any or all of them, to the extent arising out of the performance of this Agreement by CONTRACTOR.

CONTRACTOR affirms that s/he is aware of the provisions of Section 3700 of the California Labor Code which requires every employer to be insured against liability for the Workers' Compensation or to undertake self insurance in accordance with the provisions of the Code and CONTRACTOR further assures that s/he will comply with such provisions before commencing the performance of work under this Agreement. CONTRACTOR shall furnish to COUNTY certificate(s) of insurance evidencing Worker's Compensation Insurance coverage to cover its employees, and CONTRACTOR shall require all subcontractors similarly to provide Workers' Compensation Insurance as required by the Labor Code of the State of California for all of CONTRACTOR'S and subcontractors' employees.

CONTRACTOR shall furnish to COUNTY certificates of insurance with Automobile Liability/General Liability Endorsements evidencing at a minimum the following:

- a. Combined single limit bodily injury liability and property damage liability - \$1,000,000 each occurrence.
- b. Vehicle / Bodily Injury combined single limit vehicle bodily injury and property damage liability - \$500,000 each occurrence.

ATTACHMENT A GENERAL PROVISIONS

1. CONTRACT DOCUMENTS

The contract documents shall consist of the County's standard form contract as well as this Request for Bids, all documents listed in the above SCOPE of WORK section, all addenda issued prior to bid and information provided at any mandatory pre-bid walkthrough. As a public project, applicable provisions of the California Public Contract code shall apply, as does the California State Labor Code, the federal Davis Bacon Act and the Americans with Disabilities Act of 1990. Regardless of any information presented to the contrary, all work shall comply with the California Building Code, Mendocino County Building Code, Title 24 and any referenced code standards required in the jurisdiction where the work shall take place. A copy of the County's standard form contract will be furnished to bidders upon request.

2. BIDDING REQUIREMENTS

To be considered for award, the bid form must be completed in its entirety. Successful responses must include the contractor's license number and expiration date, valid DIR registration number, the bid price in words and numbers, acknowledgement of all addenda issued by the County for this project, the bidders signature, the date signed, the bidder's printed name, and the company name and address under which the contractor's license is issued. Any missing information or invalid license or registration information will be grounds for disqualification. All correspondence will be by US mail unless the contractor provides the email or phone information requested. The County of Mendocino reserves the right to reject any and all bids, to waive any informality in the bids, and to accept the responsive and responsible bid that appears to be in the best interest of the County of Mendocino.

3. SUBMISSION OF BIDS

Bids must be received by the due date and time at the location specified above. Post marks do not count. Bids and modifications or corrections thereof received after the closing time specified above will not be considered. Quotations will not be accepted via email, telephone or facsimile unless specifically authorized within the contract documents.

4. PRODUCTS

Unless otherwise stated, the use of the name or a manufacturer, or of any special brand or make in describing any item contained in these plans and specifications does not restrict bidders to that manufacturer's specific article with the exception of carpet, tile, and paint (the County must adhere to a specific brand/style of carpet, tile, and paint which will be specified within the Scope of Work). The manufacturer, brand and products named are used simply to indicate the character or quality of the article desired. The equipment on which proposals are submitted must be acceptable as equal in character, quality, and utility to brand and/or make indicated herein. The selected contractor will be required to comply with all submittal requirements in the contract documents where it will be the contractor's burden to demonstrate that the submitted product is equal to that specified. The decision of the County will be final.

5. TAXES and FEES

All bids shall include required California State sales tax, freight and shipping costs to the project site, and all licensing, registration, permits and application fees required to complete the work. The County will secure planning and building approvals and is exempt from building permit fees. Encroachment permits and public works inspections and fees are the responsibility of the contractor.

6. SAMPLES

Samples of items, when required, must be furnished free of expense to the County of Mendocino and if not destroyed by tests will, upon request, be returned at the bidder's expense. Samples of selected items may be retained for comparison.

7. PAYMENT

Payments shall be made upon receipt of an approved invoice. The County will approve progress invoices for projects lasting more than 28 calendar days for work completed prior to the invoice date based on the percentage completion of an approved schedule of values. Final invoices will be approved after all work has been completed and all required certified payroll reports, lien releases, manuals, training, as-build drawings and warranties have been received by the County.

8. ADDENDA/RFI

Addenda will be issued by the County, as required, to clarify the bidding documents and in response to bidder's questions. Addenda questions must be submitted at least 10 days prior to bid opening to be included in the addendum. Requests for Information may be forwarded to the County to provide written notice of discrepancies in the contract documents or conditions differing from those represented in the documents or observable at the time of bid.

9. CHANGES

The contractor shall secure written authorization before proceeding with any additional work, whether requested by the County or required to complete the contract. The cost for any changes to the contract price, whether requested by the County or the Contractor will be approved only after submitting the contractor's true costs for the work and related equipment costs and site expenses. The final change order price may include a fee for administrative overhead and profit not to exceed 15%.

10. COMPLIANCE WITH COUNTY POLICIES

The Board of Supervisors has passed various policies regarding the preservation of our natural resources which may impose specific requirements on the contractor.

- Storm Water Management Program includes specific requirements for grading and construction projects within the County including the implementation of Best Management Practices (BMP) to prevent the discharge of construction waste, debris, sediment or contamination from entering the storm drainage system or natural waterways. For more information refer to the County Planning and Building web page.
- Purchase products that minimize environmental impacts, toxics, pollution, and hazards to worker and community safety to the greatest extent practicable, and purchase products that include recycled content, are durable and long-lasting, conserve energy and water, use agricultural fibers and residues, reduce greenhouse gas emissions, and use unbleached or chlorine free manufacturing processes, are lead-free and mercury-free.
- Waste Stream Reduction goals include programs to maximize the salvage and recycling of demolition and construction debris and document waste stream diversion. For more information refer to the County Planning and Building web page.

11. MATERIAL SAFETY DATA SHEETS (MSDS)

Material Safety Data Sheets for all materials used in all phases of the project shall be presented to the County prior to beginning work. No materials, other than those that have MSDS, shall be permitted on County premises.

PART 1 – GENERAL VAPOR EMISSION CONTROL COATING

1.1 RELATED DOCUMENTS

A. General provisions of the Contract, and other related construction documents such as Division 01, Division 03, and Division 09 specifications that apply to this Section.

1.2 SUMMARY

A. This Section includes a single-coat, fast-curing, 100% solids epoxy moisture management system formulated to suppress excessive moisture vapor emissions in new or existing concrete prior to installing an ARDEX Underlayment.

1. ARDEX MC™ RAPID One-Coat Moisture Control System

B. Related Sections include the following:

1. Vapor Retarder

2. Division 09 Flooring Sections

1.3 REFERENCES

A. ASTM 109M, Compressive Strength Air-Cure Only

B. ASTM C348, Flexural Strength of Hydraulic-Cement Mortars

C. ASTM E84, Surface Burning Characteristics of Building Materials

D. ASTM F2170 - Relative Humidity in Concrete Floor Slabs Using in situ Probes

E. ASTM F1869 - Moisture Vapor Emission Rate of Concrete Subfloor Using Anhydrous Calcium Chloride

F. ASTM 710 - Standard Practice for Preparing Concrete Floors to Receive Resilient Flooring

G. ASTM C1708 – 12 Standard Test Methods for Self-Leveling Mortars Containing Hydraulic Cements

H. ASTM C1583 - Standard Test Method for Tensile Strength of Concrete Surfaces and the Bond Strength or Tensile Strength of Concrete Repair and Overlay Materials by Direct Tension

I. ASTM E96 - Standard Test Methods for Water Vapor Transmission of Materials

J. ASTM D1308 - Chemical Resistance of Finishes

1.4 SUBMITTALS

A. Product Data: Submit manufacturer's product data and installation instructions for each material and product used. Include manufacturer's Material Safety Data Sheets.

B. Qualification Data: For Installer

1.5 QUALITY ASSURANCE

A. Installation of the ARDEX product must be completed by a certified applicator, such as an ARDEX LevelMaster® Elite or Choice Contractor, using mixing equipment and tools approved by the manufacturer.

B. Manufacturer Experience: Products used for work in this section shall be manufactured by companies which have successfully specialized in production of this type of work for not less than 10 years. Contact the Manufacturer Representative prior to installation.

1.6 WARRANTY

A. Certified applicator must file a pre-installation checklist with the manufacturer and receive written confirmation of the approval to proceed in order to obtain the extended 10-year ARDEX MC™ RAPID Warranty

1.7 DELIVERY, STORAGE AND HANDLING

A. Deliver products in original packaging, labeled with product identification, manufacturer, batch number and shelf life.

B. Store products in a dry area with temperature maintained between 50° and 85° F (10° and 29° C) and Protect from direct sunlight.

C. Handle products in accordance with manufacturers printed recommendations.

1.8 PROJECT CONDITIONS

A. Do not install material below 50° F (10° C) surface and air temperatures. These temperatures must also be maintained during and for 48 hours after the installation of products included in this section.

PART 2 – PRODUCTS

2.1 TOPICAL MOISTURE VAPOR EMISSION SYSTEM

A. One-Coat Moisture Control System for Concrete to Receive ARDEX Underlayments and ToppingsAcceptable Products:

a. ARDEX MC™ RAPID; Manufactured by ARDEX Engineered Cements: 400 Ardex Park Drive, Aliquippa, Pa 15001 USA 724-203-5000

1. Performance and Physical Properties: Meet or exceed the following values for material cured at 70° F+/-3°F (21° C+/-3°C) and 50% +/-5%relative humidity

b. Material Requirements on CSP 3 Prepared Concrete: Max 270 sq. ft. per mixed unit for 10 mils

- c. Permeability (ASTM E96): <0.1 perms
- d. 14 pH solution (ASTM D1308): No effect
- e. Working Time: 20 minutes
- f. Pot Life: 20 minutes
- g. VOC: 0g/L, calculated SCAQMD 1168
- h. Walkable: Minimum of 4 hours
- i. Prime and Install Underlayment: Minimum 4 hours, maximum 24 hours

PART 3 – EXECUTION

3.1 APPLICATION OF ARDEX MC™ RAPID:

A. Examine substrates and conditions under which materials will be installed. Do not proceed with installation until unsatisfactory conditions are corrected.

B. Coordinate installation with adjacent work to ensure proper sequence of construction. Protect adjacent areas from contact due to mixing and handling of materials.

C. Mixing: Comply with manufacturer's printed instructions and the following.

1. Each individual 22 lb. unit contains separate, pre-measured quantities of hardener (Part B) and the resin (Part A). After opening each container, stir the individual components thoroughly as described in (2) below before blending. The hardening agent (Part B) is added to the resin (Part A).

2. Pour all of the hardener into the resin portion and stir thoroughly for a minimum of 3 minutes using a low speed drill and an epoxy mixing paddle. Once mixed, pour some of the epoxy back into the hardener container, stir for 10 seconds, and then pour all of the contents back into the resin container. Mix for an additional 30 seconds before applying.

D. Application: Comply with manufacturer's printed instructions and the following.

1. Apply a coat of freshly mixed ARDEX MC™ RAPID to the prepared concrete surface in a uniform direction at an application rate of up to 270 sq. ft. per unit to achieve a coating thickness of 10 mils. Use a short-nap paint roller or notched squeegee for smoother surfaces, and a longer nap roller for more uneven substrates. To minimize the potential for pinhole formation, work the ARDEX MC™ RAPID into the surface with the roller to ensure maximum penetration. ARDEX MC™ RAPID can also be worked into the surface with a paintbrush for hard to reach areas and corners. Once the area is completely coated, allow to dry for a minimum of 4 hours (max. 24 hours). It is not necessary to re-test the substrate for moisture emissions prior to installing the floor covering.

2. For ARDEX Underlayment applications greater than 1/4" (6 mm), or if the ARDEX MC™ RAPID was not worked into the surface sufficiently enough to prevent pinholes, a second coat with sand broadcast is needed. No ARDEX P 82™ ULTRA PRIME is required for a second coat.

a. Working at a 90° angle to the direction the first coat was applied; apply the ARDEX MC™ RAPID at a coverage rate of 10 mils. While this coat is still in a fresh state (maximum 20 minutes), broadcast an excess of fine sand (less than 1/50 of an inch in grain size or 98.5% passing sieve size #35 or #30) consistently over the entire area.

Note: When broadcasting sand, use a NIOSH approved dust mask in conformance with OSHA requirements regarding the handling of sand. Do not stand or walk on the freshly applied epoxy when broadcasting the sand.

b. Once an area has been completely covered with sand, the surface of the sand can be walked on, being careful not to expose the epoxy at any time. Use approximately 1 lb. of sand per square foot of area. Once the sand broadcast is complete, avoid all traffic over the surface for a minimum of 4 hours.

c. After 4 hours, broom sweep and vacuum the surface to remove all loose sand. The clean, prepared surface of the sand is the priming system for the ARDEX Underlayment. No additional priming is required.

d. Following the application of MC RAPID and primer or second coat of MC Rapid and sand broadcast, install ARDEX ARDIFLO™ Pump System Underlayment in accordance with printed instructions found in the corresponding technical brochure.

e. It is not necessary to re-test the substrate for moisture emissions prior to installing the coating or floor covering.

3.2 FIELD QUALITY CONTROL

A. Where specified, field sampling of the ARDEX products is to be done by taking an entire unopened bag/unit of the product being installed to an independent testing facility to perform testing. There is no institute test method applicable for this system.

3.3 PROTECTION

A. Prior to the installation of the finish flooring, the surface of the underlayment should be protected from abuse by other trades by the use of plywood, Masonite or other suitable protection course.

END OF SECTION

CARPET

PART 1 – GENERAL

1.1 SUMMARY

- A. Section includes requirements for providing installed carpeting with accessories as required for complete installation, including edge strips where carpeting terminates at other floor finishes.
- B. Related Sections: The completion of the work described in this Section may require work in or coordination with other Sections of these Specifications. Contractor and Subcontractor shall be responsible for identifying and including all related work in other Sections of these Specifications and/or drawings necessary for a complete installation of the work described in this Section. These related Sections include but are not limited to the following:
 - 1. General provisions of the Contract, including General and Supplementary Conditions and Division 1 Specification Sections, apply to this Section.

1.2 SUBMITTALS

- A. Product Data: Manufacturer's printed literature of the following:
 - 1. Data indicating compliance with specified critical radiant flux.
 - 2. Maintenance and Cleaning Instructions: These instructions must include recommendations for commercial cleaning, spot cleaning, vacuum cleaning, and recommended type of furniture casters and glides for use with carpeting selected.
- B. Samples:
 - 1. Carpet: Three (3) pieces, 18" x 27", of type, color, and pattern as selected.
 - 2. No materials shall be purchased until County has accepted the samples.
 - 3. Accessories: 24" long sample of each accessory.
- C. Test Reports: Fire hazard classification.

1.3 QUALITY ASSURANCE

- A. Carpet shall be a maximum of ½" high in accordance with ADA requirements.
- B. Regulatory Requirement: Provide carpet with a minimum critical radiant flux limit of 0.45 watts/cm² in compliance with National Fire Protection Association (NFPA) 253.
- C. Face yarns shall be of same dye batch, and finish material shall be of same mill run in each space or where visible from one space to another.
- D. Carpet must comply with the Indoor Air Quality Testing Program of the Carpet and Rug Institute (CRI).
- E. Installer's Qualifications: Minimum two (2) years experience in installation of commercial carpeting of type, quantity and installation methods similar to work of this Section.

1.4 PERFORMANCE REQUIREMENTS

- A. Flammability Requirements: Carpet with attached backing shall meet or exceed flammability of the following codes:
 - 1. NFPA 101 Life Safety Code for Safety to Life in Buildings and Structures.
 - 2. California Building Code (CBC).
- B. Face Fiber Characteristics:
 - 1. DuPont continuous filament nylon 6.6.
 - 2. Certified Legacy product (tested and certified by DuPont).
 - 3. Certified DuPont Lumena.
- C. Stain Inhibiting and Resistance Properties: Permanent Sintered Stain Inhibitor and Soil Resist applied to the product through heat and force activated cohesion creating mechanical polymeric entrapment, during manufacture to resist fiber staining.
- D. Backing Characteristics:
 - 1. Thermoplastic vinyl composite.
 - 2. Fused to the carpet face to provide for no delamination.
 - 3. Woven synthetic or fused latex.
- E. Adhesive System Characteristics:
 - 1. Carpet product to be securely attached to the floor in compliance with ADA Section 4.5.3.
 - 2. Carpet to be supplied with a Microencapsulated Tackifier applied to 100% of the back at the time of manufacture.
- F. Environmental Impact Characteristics:
 - 1. Less than 0.05 ppm of Formaldehyde.
 - 2. Less than 0.50 mg/cubic meter total volatile organics.
 - 3. Less than 0.50 mg/cubic meter total particulates.
 - 4. Less than 1.0 ppb 4-PC.

1.5 DELIVERY, STORAGE, AND HANDLING

- A. Deliver carpeting materials in original factory protective wrapping and containers, labeled with identification of manufacturer, brand name, quality or grade, fire hazard classification, and lot number.
- B. Store carpet inside in dry, well-ventilated spaces; protect from damage.
- C. Deliver metal material in crates; bent material will not be accepted.

1.6 COORDINATION

- A. Prior to construction of each type of new substrate which is to support carpet, furnish information on substrate texture and condition required for each type of carpet.

1.7 PROJECT CONDITIONS

- A. Environmental Requirements: Store materials for one day prior to installation in area of installation to achieve temperature stability.
- B. Substrate Conditions: The maximum amount of moisture evacuation from the floor shall be 5.0 pounds of water per 1,000 sq. ft. in a 24-hour period. Acceptable pH range is between 7.0 and 9.0.

1.8 WARRANTY

- A. Provide manufacturer's warranty agreeing to repair or replace unsatisfactory work caused by defective materials for a period of 10 years. Defective materials include the following:
 - 1. Excessive wear of more than 15% loss of pile fiber weight measured before and after use.
 - 2. Edge ravel.
 - 3. Zippering.
 - 4. Separation of the secondary backing from the primary backing.
 - 5. Resiliency loss of more than 10% loss of backing resiliency calculated using average thickness of the backing of the carpet before and after use.
 - 6. Watermarking of any product not 100% loop construction. Watermarking means an apparent color difference between areas of the same carpet due to permanent pile reversal with random differences in pile lay direction and differences in the amount of light reflected by carpet fibers.
 - 7. Excess static electricity, more than 3.0 KV at a relative humidity of 20% and room temperature of 70° F.
- B. This warranty shall be in addition to and not a limitation of other rights County may have against Contractor under the Contract Documents.

1.9 MAINTENANCE

- A. Maintenance Instructions: Furnish manufacturer's printed instructions for maintenance of installed carpet, including methods and frequency recommended for maintaining. Include precautions against materials and methods which may be detrimental to finishes and performance.
- B. Replacement Materials: Prior to installation of carpet, deliver in full tile widths not less than 5% of each type, color, and pattern of carpeting, exclusive of material required to properly complete installation. Furnish accessory components as required. Replacement materials shall be from the same production run as materials installed. Package with protective covering, identified with labels indicating manufacturer, type, pattern and color, date of installation, rooms where installed and name of supplier. Installation scraps and trimmed pieces will not be acceptable.

PART 2 – PRODUCTS

2.1 CARPET

A. Approved Manufacturer: Shaw Contract group. Style name: Charisma, Style number 59561. Carpet tiles, color: Legend.

B. Specs:

Construction: graphic loop
Pile Fiber: Eco*solution Q nylon
Pile Weight: 22.0 oz. /yd2
Gauge: 5/64
Stitches per Inch: 9
Pile Thickness: 0.107 inches
Density (oz. /cu. yd.): 7,402
Secondary Backing: eco*workx
Product Size: 24 X 24 in.

PART 3 – EXECUTION

3.1 EXAMINATION

- A. Verify that substrate surfaces are smooth and flat with maximum variation of 1/4" in 10' and are ready to receive Work.
- B. Verify surfaces are clean, dry, sound, and free of oil, grease, wax, dust (including gypsum plaster dust), and other foreign matter that would impair installation.
- C. Do not begin installation until conditions are satisfactory and have been approved.
- D. Installation shall comply with the IAQ Guidelines.

3.2 PREPARATION

- A. Protrusions, low, or soft spots must be sanded or filled, as needed, to achieve a firm, smooth surface.
- B. Vacuum floor surfaces and any horizontal surfaces which might contribute dust to the carpet.

3.3 INSTALLATION

- A. Carpeting to match existing carpeting shall be installed in strict accordance with manufacturer's specifications, installation instructions and recommendations.
- B. Take care not to nick or mar base and door trim.
- C. Adhesive:
 - 1. Shaw 5000 Pressure Sensitive Adhesive.
 - 2. Water-based, clear acrylic co-polymer adhesive that is solvent free, low odor, contains no hazardous chemicals, and meets the CRI Green Label criteria.
- D. Carpet:
 - 1. Cut and fit closely and evenly at walls and to and through thresholds.
 - 2. Hold cross seams to an absolute minimum.

3. Match carpet lines and patterns at seams in both width and length.
 4. Fill strips, where required.
- E. Comply with manufacturer's recommendations for locations and direction of carpet; maintain uniformity of carpet direction and lay of pile.
 - F. At doorways, center seams under door in closed position; do not place seams perpendicular to door frame, in direction of traffic through doorway.
 - G. Extend carpet under removable flanges of furnishings and into alcoves and closets of each space.
 - H. Provide cutouts where required, and bind cut edges where not concealed by protective edge guards or overlapping flanges.
 - I. Install carpet edge guard where edge of carpet is exposed; anchor guards to substrate.
 - J. Fit sections of carpet into each space prior to application of adhesive. Trim edges and butt cuts with seaming cement.
 - K. Butt carpet edges tightly together to form seams without gaps.
 - L. Roll lightly to eliminate air pockets and ensure uniform bond.
 - M. Cove Base:
 1. Standard BurkeBase, Thermoset Resilient Rubber type TS wall base, 4" coved.
 2. Brown Black color. No substitutions
 - N. Adhesive:
 1. Mapei Ultrabond ECO 575 Premium wall-base Adhesive.

3.4 CLEANING AND ADJUSTING

- A. Remove spots and smears of cement from carpet immediately with solvent.
- B. Remove rubbish, wrapping paper, selvages, and scraps.
- C. Remove loose threads with scissors.
- D. Repair or replace any damaged base and door trim.
- E. Repaint, replace, or repair any wall damaged during installation.
- F. Upon completion, vacuum floors with a commercial beater-bar-type vacuum cleaner.
- G. After each area of carpet has been installed, protect from soiling and damage.

3.5 PROTECTION

- A. Provide protective methods and materials needed to ensure that carpeting will be without deterioration or damage at time of Substantial Completion.

END OF SECTION