



Request for Quote

STATE OF RHODE ISLAND AND PROVIDENCE PLANTATIONS
 ONE CAPITOL HILL
 PROVIDENCE RI 02908

BUYER: Mosca, Gary
 PHONE #: 401-574-8124

CREATION DATE : 12-JUL-11
 BID NUMBER: 7448880
 TITLE: CARPETING AT KNIGHT CAMPUS
 BID CLOSING DATE AND TIME:12-AUG-2011 10:00:00

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 CCRI CONTROLLER'S OFFICE
 ACCOUNTS PAYABLE
 400 EAST AVENUE
 WARWICK, RI 02886
 US

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 CCRI KNIGHT CAMPUS
 400 EAST AVE
 WARWICK, RI 02886-1807
 US

Requisition Number: 1231773

Line	Description	Quantity	Unit	Unit Price	Total
1	<p>There is a Prebid Conference on 8/2/11 at 9:00 AM at: CCRI - Knight Campus 400 East Avenue-Physical Plant Director's Office Warwick, RI 02886</p> <p>CARPETING IN 1ST FLOOR OFFICES: ROOM NUMBERS 1024, 1026, 1038 AND 1042 = 266 SQYDS PLEASE REFERENCE ATTACHED DRAWING FOR ROOM LOCATIONS.</p> <p>PRE BID CONFERENCE</p> <p>THERE WILL BE A PRE BID CONFERENCE REGARDING THIS SOLICITATION HELD 8/2/11 @ 9:00 AM.</p> <p>LOCATION: CCRI KNIGHT CAMPUS 400 EAST AVE, WARWICK, RI PLEASE REPORT TO THE PHYSICAL PLANT DIRECTORS OFFICE</p> <p>SUPPLY AND INSTALL C&A TANDUS CARPET,</p> <p>STYLE: CRAYON POWERBOND ETHOS, COLOR TBD, WITH 6' POWERBOND RS BACKING (NO SUBSTITUTES, CARPET MUST MATCH EXISTING) IN THE FOLLOWING AREAS OF THE CCRI KNIGHT CAMPUS AS PER THE ATTACHED DRAWINGS AND CARPET SPECIFICATIONS.</p> <p>VENDOR TO SUPPLY ALL LABOR AND MATERIALS NEEDED TO PROPERLY INSTALL CARPET: PREPARE FLOOR WITH SKIMCOAT AND INSTALL TO MAUNFACTURERS SPECIFICATIONS USING APPROVED SEAM SEALERS AND FLOOR PRIMER.</p> <p>PLEASE REFERENCE THE ATTACHED INSTALLATION GUIDE.</p>	266.00	Square Yard		

It is the Vendor's responsibility to check and download any and all addenda from the RIVIP. This offer may not be considered unless a signed RIVIP generated Bidder Certification Cover Form is attached and the Unit Price column is completed. The signed Certification Cover Form must be attached to the front of the offer



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Requisition Number: 1231773

Line	Description	Quantity	Unit	Unit Price	Total
	<p>WORK SCOPE TO INCLUDE REMOVAL AND DISPOSAL OF EXISTING CARPET AND RESULTING DEBRIS. VENDOR IS RESPONSIBLE FOR ALL ACCURATE FIELD MEASUREMENTS.</p> <p>ALL MANUFACTURE'S WARRANTIES ARE ALSO INCLUDED.</p> <p>WORK AREAS MUST BE MAINTAINED IN A SAFE, CLEAN AND ACCEPTABLE CONDITION. .</p> <p>UPON COMPLETION OF WORK, AREAS WILL BE INSPECTED AND ACCEPTED BY PHYSICAL PLANT DIRECTOR AND OR APPROPRIATE DESIGNEE.</p> <p>THE IS NO COMPLETION DATE FOR THIS PROJECT AT THIS TIME. THERE FOR, NO LIQUIDATION DAMAGES APPLY.</p> <p>CCRI IS RESPONSIBLE FOR FURNITURE/EQUIPMENT MOVING.</p>				
2	<p>CARPETING IN 6TH FLOOR CORRIDORS AND CLASSROOMS AS FOLLOWS: . 1. 6500 CORRIDOR = 160 SQYDS 2. SEMI CIRCLE CORRIDOR = 250 SQYDS 3. CLASSROOMS 6530 AND 6548 - 32 SQYDS EA= 32 SQYDS 6532 AND 6546 - 60 SQYDS EA = 120 SQYDS 6534, 6536, 6538, 6540, 6542 AND 6544 - 80 SQYDS EA = 480 SQYDS 6580 = 160 SQYDS TOTAL SIXTH FLOOR SQYDS = 1234 .</p> <p>PLEASE REFERENCE ATTACHED DRAWING FOR ROOM LOCATIONS.</p>	1,234.00	Square Yard		

Delivery: _____

Terms of Payment: _____

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Contract Terms and Conditions

Table of Contents

Terms and Conditions.....VII
 BID STANDARD TERMS AND CONDITIONSVII
 TERMS AND CONDITIONS FOR THIS BIDVII
 SURETY REQUIREMENTSVII
 START DATEVII
 WAGE REQUIREMENTSVII
 INSPECTION REQUIREMENTSVII
 INSURANCE REQUIREMENTSVII
 RIVIP INFO - BID SUBMISSION REQUIREMENTSVIII
 AWARDVIII
 LICENSE REQUIREMENTSVIII
 VENDOR SPECIFICATIONSVIII

Terms and Conditions

BID STANDARD TERMS AND CONDITIONS

TERMS AND CONDITIONS FOR THIS BID

SURETY REQUIREMENTS

BIDDER IS REQUIRED TO PROVIDE A BID SURETY IN THE FORM OF A BID BOND, OR A CERTIFIED CHECK PAYABLE TO THE STATE OF RHODE ISLAND, IN THE AMOUNT OF A SUM NOT LESS THAN FIVE PERCENT (5%) OF THE BID PRICE. BID SURETY MUST BE ATTACHED TO THE BID FORM. THE SUCCESSFUL BIDDER WILL ALSO BE REQUIRED TO FURNISH PERFORMANCE AND LABOR AND PAYMENT BONDS AT TIME OF TENTATIVE CONTRACT AWARD.

START DATE

STARTING DATE _____ NO. OF WORKING DAYS REQUIRED FOR COMPLETION

WAGE REQUIREMENTS

BIDDERS ARE ADVISED THAT ALL PROVISIONS OF TITLE 37 CHAPTER 13 OF THE GENERAL LAWS OF RHODE ISLAND APPLY TO THE WORK COVERED BY THIS REQUEST, AND THAT PAYMENT OF THE GENERAL PREVAILING RATE OF PER DIEM WAGES AND THE GENERAL PREVAILING RATE FOR REGULAR, OVERTIME, AND OTHER WORKING CONDITIONS EXISTING IN THE LOCALITY FOR EACH CRAFT, MECHANIC, TEAMSTER, OR TYPE OF WORKMAN NEEDED TO EXECUTE THIS WORK IS A REQUIREMENT FOR BOTH CONTRACTORS AND SUBCONTRACTORS. THE PREVAILING WAGE TABLE MAY BE OBTAINED AT THE RI DIVISION OF PURCHASES HOME PAGE BY INTERNET at www.purchasing.state.ri.us. SELECT "INFORMATION" AND THEN SELECT "PREVAILING WAGE TABLE". THE STATE OF RHODE ISLAND USES THE GENERAL DECISION NUMBER RI20100001. PRINTING THE ENTIRE DOCUMENT AVERAGES APPROXIMATELY ONE MINUTE PER PAGE - YOU MAY WANT TO PRINT ONLY THE PAGES APPLICABLE TO YOUR BID. BIDDERS NOTE: IN THE EVENT THIS BID SPECIFIES PRICE OFFERS ON A TIME-AND-MATERIALS BASIS, i.e., AN HOURLY RATE, ANY OR ALL BIDS SUBMITTED IN AN AMOUNT LESS THAN THE PREVAILING RATE IN EFFECT FOR THE WORK COVERED BY THIS REQUEST AS OF THE DATE OF BID ISSUANCE SHALL BE REJECTED BY THE DIVISION OF PURCHASES.

INSPECTION REQUIREMENTS

BIDDERS ARE RESPONSIBLE FOR INSPECTION OF EQUIPMENT AND/OR LOCATION, TAKING MEASUREMENTS* WHEN REQUIRED, AND MAKING THEMSELVES AWARE OF THE TOTAL REQUIREMENT BEFORE SUBMITTING A BID. *MEASUREMENTS PROVIDED WITH ANY BID ARE FOR REFERENCE PURPOSES AND ARE NOT GUARANTEED TO BE COMPLETELY ACCURATE.

INSURANCE REQUIREMENTS

AN INSURANCE CERTIFICATE IN COMPLIANCE WITH PROVISIONS OF ITEM 31 (INSURANCE) OF THE GENERAL CONDITIONS OF PURCHASE IS REQUIRED FOR COMPREHENSIVE GENERAL LIABILITY, AUTOMOBILE LIABILITY, AND WORKERS'

COMPENSATION AND MUST BE SUBMITTED BY THE SUCCESSFUL BIDDER(S) TO THE DIVISION OF PURCHASES PRIOR TO AWARD. THE INSURANCE CERTIFICATE MUST NAME THE STATE OF RHODE ISLAND AS CERTIFICATE HOLDER AND AS AN ADDITIONAL INSURED. FAILURE TO COMPLY WITH THESE PROVISIONS MAY RESULT IN REJECTION OF THE OFFEROR'S BID. ANNUAL RENEWAL CERTIFICATES MUST BE SUBMITTED TO THE AGENCY IDENTIFIED ON THE PURCHASE ORDER. FAILURE TO DO SO MAY BE GROUNDS FOR CANCELLATION OF CONTRACT.

NOTE: IF THIS BID COVERS CONSTRUCTION, SCHOOL BUSING, HAZARDOUS WASTE, OR VESSEL OPERATION, APPLICABLE COVERAGES FROM THE FOLLOWING LIST MUST ALSO BE SUBMITTED TO THE DIVISION OF PURCHASES PRIOR TO AWARD: * PROFESSIONAL LIABILITY INSURANCE (AKA ERRORS & OMISSIONS) - \$1 MILLION OR 5% OF ESTIMATED PROJECT COST, WHICHEVER IS GREATER. * BUILDER'S RISK INSURANCE - COVERAGE EQUAL TO FACE AMOUNT OF CONTRACT FOR CONSTRUCTION. * SCHOOL BUSING - AUTO LIABILITY COVERAGE IN THE AMOUNT OF \$5 MILLION. * ENVIRONMENTAL IMPAIRMENT (AKA POLLUTION CONTROL) - \$1 MILLION OR 5% OF FACE AMOUNT OF CONTRACT, WHICHEVER IS GREATER. * VESSEL OPERATION - (MARINE OR AIRCRAFT) - PROTECTION & INDEMNITY COVERAGE REQUIRED IN THE AMOUNT OF \$1 MILLION.

RIVIP INFO - BID SUBMISSION REQUIREMENTS

It is the Vendor's responsibility to check and download any and all addenda from the RIVIP. This offer may not be considered unless a signed RIVIP generated Bidder Certification Cover Form is attached and the Unit Price column is completed. The signed Certification Cover Form must be attached to the front of the offer. When delivering offers in person to One Capitol Hill, vendors are advised to allow at least one hour additional time for clearance through security checkpoints.

AWARD

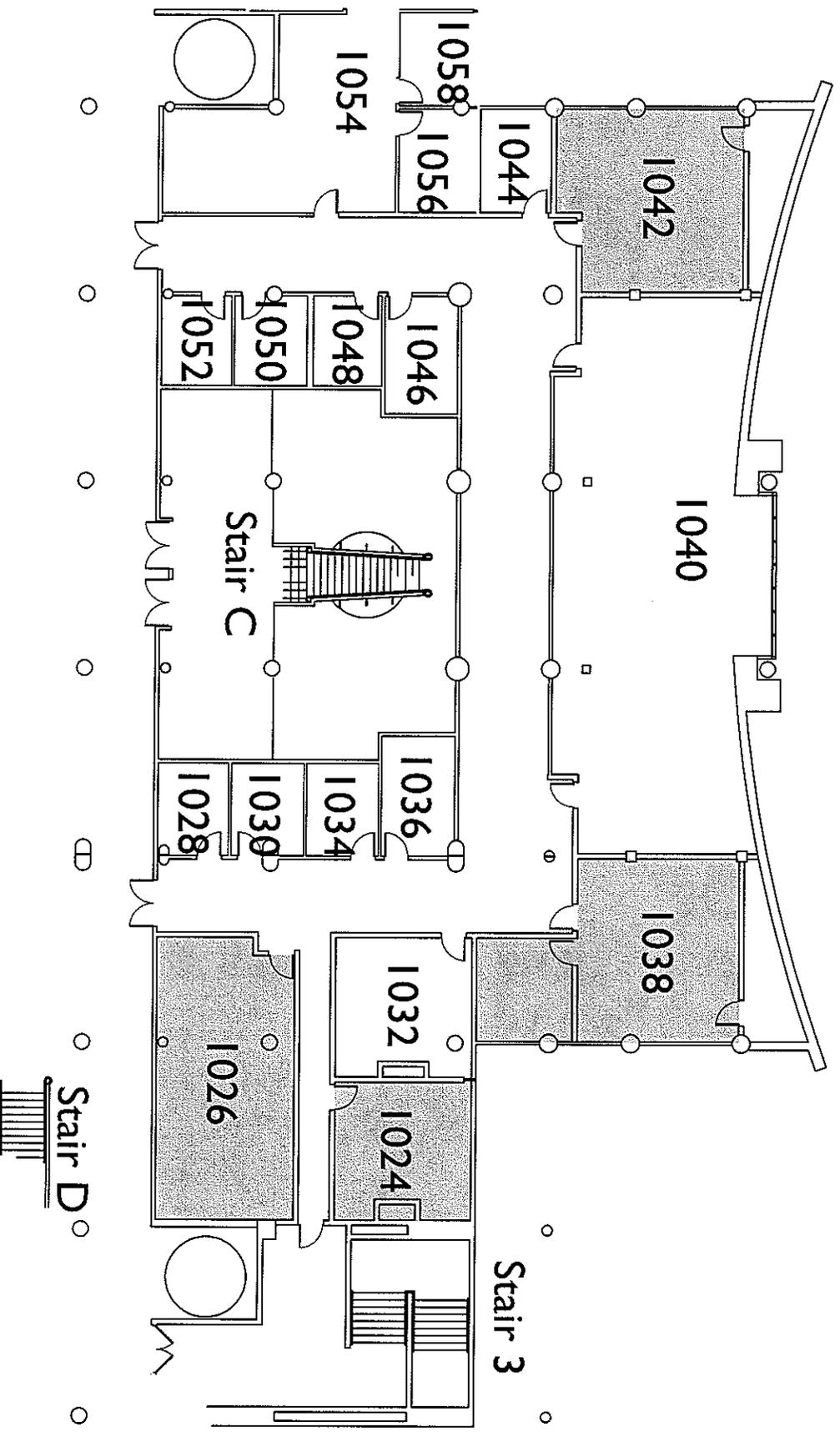
THE STATE, AT ITS SOLE DISCRETION, SHALL RESERVE THE RIGHT TO MAKE ONE OR MULTIPLE AWARDS FOR THIS REQUIREMENT AND/OR TO REJECT ANY OR ALL BIDS.

LICENSE REQUIREMENTS

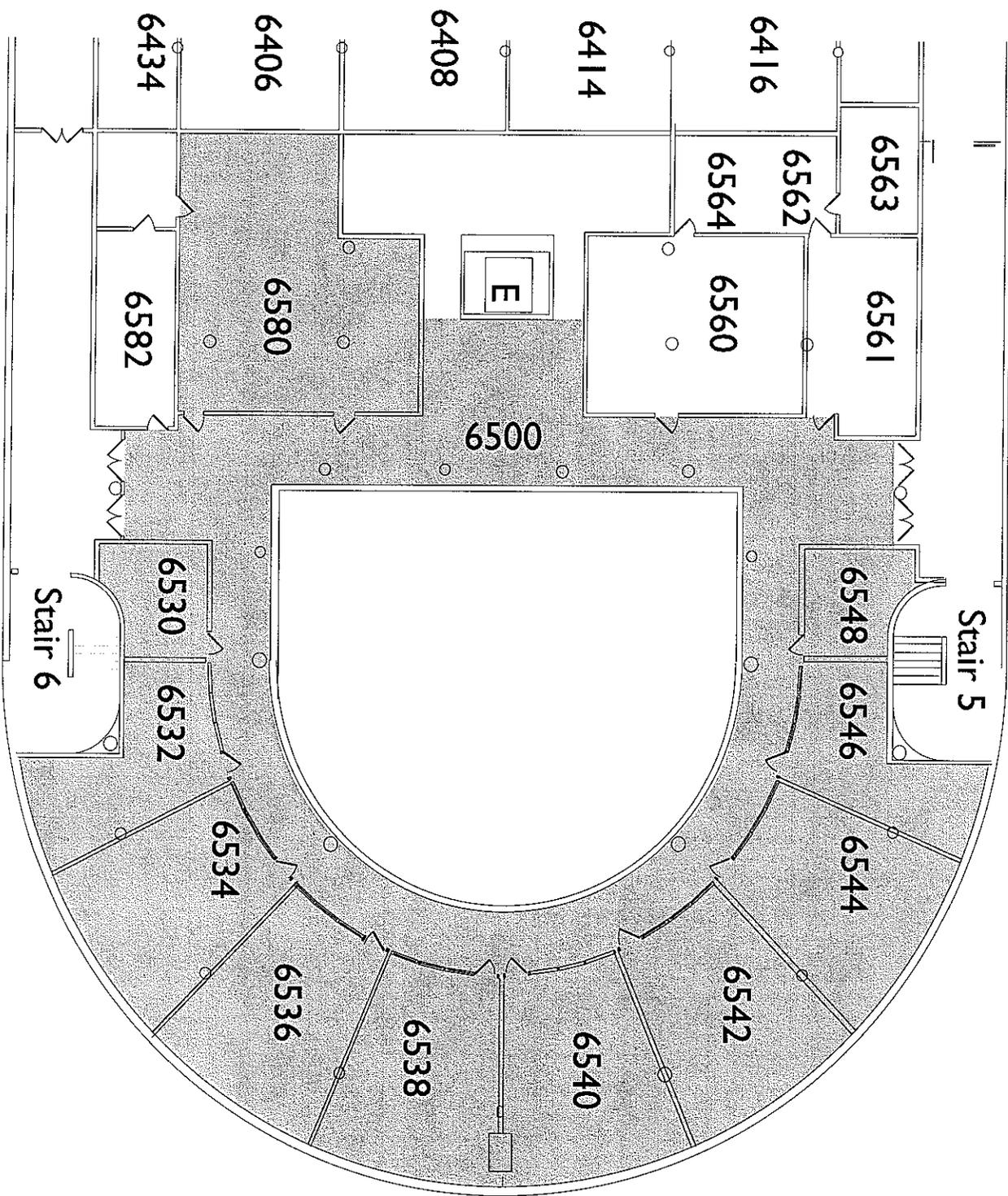
VENDOR (OWNER OF COMPANY) IS RESPONSIBLE TO COMPLY WITH ALL LICENSING OR STATE PERMITS REQUIRED FOR THIS TYPE OF SERVICE. A COPY OF LICENSE/PERMIT SHOULD BE SUBMITTED WITH THIS BID. IN ADDITION TO THESE LICENSE REQUIREMENTS, BIDDER, BY SUBMISSION OF THIS BID, CERTIFIES THAT ANY/ALL WORK RELATED TO THIS BID, AND ANY SUBSEQUENT AWARD WHICH REQUIRES A RHODE ISLAND LICENSE(S), SHALL BE PERFORMED BY AN INDIVIDUAL(S) HOLDING A VALID RHODE ISLAND LICENSE.

VENDOR SPECIFICATIONS

ALL VENDORS MUST INCLUDE SPECIFICATIONS WITH BID PROPOSAL (EVEN THOSE BIDDING BRAND SPECIFIED). FAILURE TO SUBMIT SPECIFICATIONS WITH BID PROPOSAL MAY RESULT IN DISQUALIFICATION OF BID. ITEMS IN CATALOGS MUST BE CLEARLY MARKED AND PAGES TABBED.



CCRI KNIGHT CAMPUS 1ST FLOOR NEW C&A CARPET 



CCRI KNIGHT CAMPUS 6TH FLOOR NEW C&A CARPET



Face Construction	Imperial	Metric
Construction	Textured Patterned Loop	
Face Weight	18 oz/sq yd	610.2 g/sq m
Gauge	1/13	50.4 rows/10 cm
Stitches per Inch	8.5	33.5 pu/10 cm
Pile Height Average	0.117 inch	3.0 mm
Fiber System	Dynerex SD® Nylon/Dynerex® Nylon	
Dye Method	60% Solution Dyed / 40% Yarn Dyed	
Soil/Stain Protection	Ensure	9.9 Kilotex
Primary Tufting Substrate	Synthetic Non-Woven	
Pattern Repeat	N/A	

Third Party Environmental Certifications

Product	Recycled Content		NSF 140-2007
	Overall	Post-Consumer	
Certified ER3® Modular	44-65%	10%	Platinum
Certified Powerbond® ethos™ Cushion	36-61%	18%	Platinum
Certified Powerbond® ER3® Cushion	39-59%	10%	Platinum
Certified ethos™ Modular	26-50%	10%	Platinum
Certified Flex-Aire™ Cushion Modular	15-33%		

**Recycled content certified by SCS and varies by product style

Product Testing/Information

Antimicrobial Chemicals	No antimicrobials (EPA Registered pesticides) added to product (ASTM E2471-05)
Electrostatic Propensity	2.0 kV (AATCC 134); Permanent Conductive Fiber
Surface Flammability	Passes CPSC FF 1-70 (ASTM D-2859)
Flooring Radiant Panel	Class 1 (mean average CRF: 0.45 w/sq cm or higher) (ASTM E-648)
Smoke Generation	Less than 450 (ASTM E-662)

Installation Methods

Peel and Stick	RS Adhesive System - Full Coverage Peel & Stick
Wet Spread	Backing specific Tandus Adhesives
Installation Method	Monolithic

Product Notes

- Specifications are subject to nominal manufacturing variances. Material supply and/or manufacturing processes may necessitate changes without notice. Colors may vary slightly from dye lot to dye lot.
- U.S. Patent numbers: 4,849,297; 4,49,267; 5,728,741; 5,855,981; 5,914,353; 6,406,574
- The use of chair pads under roller caster chairs may be required in order to maintain full limited warranty coverage. Please refer to the applicable limited warranty verbiage for specific requirements. In all cases, chair pads are recommended for optimum textural performance. Absent the use of chair pads, more intensive direct maintenance will be required for areas in contact with chair caster traffic, and some degree of appearance change is to be expected.

See limited warranty for details. Limited warranty and maintenance information may be accessed at www.tandus.com/limitedwarranty and www.tandus.com/maintenance or by dialing 800-248-2878

	IMPERIAL	METRIC	TEST METHOD
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Warranty: 15 year limited warranty against excessive surface wear, static, delamination, edge ravel, zippering & backing resiliency loss.

ER3® Modular

Total Product Recycled Content	52 5%	Pre-Consumer: 42 5%	Post-Consumer: 10%	SCS Certified
Third Party Certification NSF-140	Platinum			SCS Certified
Product Size	24" x 24" Tile (18" x 18" and 36" x 36" also available)			
Secondary Backing	100% Recycled Content with Tru Bloc (Barrier System)			
Intermediate Layer	Fiberglass Reinforced Sealant			
Product Construction	No Delamination per ASTM D-3936			
Secondary Backing Density	65	lbs/cu ft	1041	kg/cu m
Secondary Backing Thickness	0 087	inch	2 2	mm
Total Weight with RS / Non-RS	130 5	128 9	oz/sq yd +/-5%	4425 4371 g/sq m
CRI Green Label Plus Certification	GLP1366			

ethos™ Modular

Total Product Recycled Content	32 2%	Pre-Consumer: 22 2%	Post-Consumer: 10%	SCS Certified
Third Party Certification NSF-140	Platinum			SCS Certified
Product Size	24" x 24" Tile (18" x 18" and 36" x 36" also available)			
Secondary Backing	50% Recycled Content			
Intermediate Layer	Fiberglass Reinforced Sealant			
Product Construction	No Delamination per ASTM D-3936			
Secondary Backing Density	65 0	lbs/cu ft	1041	kg/cu m
Secondary Backing Thickness	0 050	inch	1 3	mm
Total Weight	95 2		oz/sq yd +/-5%	3228 6 g/sq cm
CRI Green Label Plus Certification	GLP8320			

Flex-Aire™ Cushion Modular

Total Product Recycled Content	18 9%			SCS Certified
Product Size	24" x 24" Tile (18" x 18" and 36" x 36" also available)			
Secondary Backing	Fiberglass Reinforced Composite Closed Cell Cushion			
Intermediate Layer	Fiberglass Reinforced Sealant			
Product Construction	No Delamination per ASTM D-3936			
Cushion Weight	35 5	oz/sq yd	1203	g/sq m
Cushion Density	18 5	lbs/cu ft	296	kg/cu m
Cushion Thickness	0 156	inch	4 0	mm
Total Weight with RS / Non-RS	119 1	117 7	oz/sq yd +/-5%	4039 3991 g/sq m
Compression Set	Max 10%			ASTM D-3574
Compression Deflection	5 Min.	25 max	lbs/sq inch @ 25%	352 1758 g/sq cm
CRI Green Label Plus Certification	GLP6558			

Conserv™ Modular

Product Size	24" x 24" Tile (18" x 18" and 36" x 36" also available)			
Secondary Backing	Thermoplastic Polymeric			
Intermediate Layer	Fiberglass Reinforced Layer Sealant			
Product Construction	No Delamination per ASTM D-3936			
Secondary Backing Density	120	lbs/cu ft	1922	kg/cu m
Secondary Backing Thickness	0 041	inch	1 0	mm
Total Weight	97 2		oz/sq yd +/-5%	3296 g/sq cm
CRI Green Label Plus Certification	GLP1366			

	IMPERIAL		METRIC		TEST METHOD
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Warranty: 25 year non-prorated limited warranty against excessive surface wear, static, delamination, edge ravel, zippering & backing resiliency loss.

Powerbond ethos™ Cushion

Total Product Recycled Content	42.3%	Pre-Consumer: 22.3%	Post-Consumer: 20%		SCS Certified
Third Party Certification NSF-140	Platinum				SCS Certified
Product Size	6 ft		1.8 m		
Cushion	76% Recycled Content Closed Cell Cushion				
Heterogeneous Construction	No Delamination per ASTM D-3936				
Cushion Density	32 lbs/cu ft		513 kg/cu m		ASTM D-3574
Cushion Thickness	0.100 inch		2.5 mm		ASTM D-3574
Total Weight	89.0 oz/sq yd +/-5%		3018 g/sq m		
Compression Set	Max. 10%				ASTM D-3574
Compression Deflection Min.	29 lbs/sq inch @ 25%		2039 g/sq cm		ASTM D-3574
CRI Green Label Plus Certification	GLP8320				

Powerbond ER3® Cushion

Total Product Recycled Content	45.1%	Pre-Consumer: 35.1%	Post-Consumer: 10%		SCS Certified
Third Party Certification NSF-140	Platinum				SCS Certified
Product Size	6 ft		1.8 m		
Cushion	98% Recycled Content Closed Cell Cushion				
Heterogeneous Construction	No Delamination per ASTM D-3936				
Cushion Density	28.5 lbs/cu ft		457 kg/cu m		ASTM D-3574
Cushion Thickness	0.125 inch		3.2 mm		ASTM D-3574
Total Weight	104.6 oz/sq yd +/-5%		3547 g/sq m		
Compression Set	Max. 10%				ASTM D-3574
Compression Deflection	7 Min. 25 max lbs/sq inch @ 25%	492	1758 g/sq cm		ASTM D-3574
CRI Green Label Plus Certification	GLP8030				

Powerbond Cushion

Product Size	6 ft		1.8 m		
Cushion	Closed Cell Cushion				
Heterogeneous Construction	No Delamination per ASTM D-3936				
Cushion Weight	35.5 oz/sq yd		1203 g/sq m		ASTM D-3574
Cushion Density	18.5 lbs/cu ft		296 kg/cu m		ASTM D-3574
Cushion Thickness	0.156 inch		4.0 mm		ASTM D-3574
Total Weight with RS / Non-RS	81.0 78.7 oz/sq yd +/-5%	2747	2669 g/sq m		
Compression Set	Max. 10%				ASTM D-3574
Compression Deflection	7 Min. 25 max lbs/sq inch @ 25%	492	1758 g/sq cm		ASTM D-3574
CRI Green Label Plus Certification	GLP9744				

Powerbond Condensed Cushion

Product Size	6 ft		1.8 m		
Cushion	Closed Cell Cushion				
Heterogeneous Construction	No Delamination per ASTM D-3936				
Cushion Weight	25.5 oz/sq yd		864 g/sq m		ASTM D-3574
Cushion Density	33 lbs/cu ft		529 kg/cu m		ASTM D-3574
Cushion Thickness	0.065 inch		1.7 mm		ASTM D-3574
Total Weight with RS / Non-RS	71.4 68.7 oz/sq yd +/-5%	2422	2330 g/sq m		
Compression Set	Max. 10%				ASTM D-3574
Compression Deflection Min.	29 lbs/sq inch @ 25%		2039 g/sq cm		ASTM D-3574
CRI Green Label Plus Certification	GLP9744				



Form #008

POWERBOND® ETHOS™ RS® INSTALLATION & FLOOR PREPARATION INSTRUCTIONS

General Notes

These installation instructions are general and are not intended to be applicable for all sub-floor conditions. If you have any questions concerning the proper installation (or use) of any Tandus products, please contact Tandus' Installation Services at 800-241-4902, ext 2129, 2023, or 2670. All products should be inspected for dye lot, style, color, size, quality and shipping damage prior to installation and should not be installed if any irregularities are observed. Specific instructions for pattern matching are located at the bottom of the second page. **It is solely the responsibility of the installation contractor to insure that the sub-floor is properly prepared prior to installation.**

Installer Certification

Tandus requires that all installers be certified prior to performing the installation of Powerbond products on actual jobsites. Contact your local Tandus Representative for more information on installer certification.

Site Requirements

Tandus Powerbond products are intended for indoor installations on dry, properly prepared sub-floors. The product is not intended for installation on walls, ramps, outdoors, or on wet surfaces. **Tandus is not responsible for product failure of any kind if these floor preparation and installation instructions are not adhered to. Only installation materials approved by Tandus should be used. Be certain to read and adhere to the shelf life and freeze-thaw stability information that is printed on the label of the installation materials.**

Storage

ethos™ roll goods **MUST** be stored in a controlled climate at a temperature between 70°-90°F, and a relative humidity below 65%. ethos™ rolls should be stored by standing the roll on its end, making sure the plastic wrap is secured tightly around the roll or lying side by side. **DO NOT STACK.**

Moisture & pH

Excessive moisture and/or high pH on any sub-floor, especially concrete, can cause product failure. For all Tandus products, the maximum allowable moisture vapor emission rate (MVER) from the sub-floor is 3.0 pounds, as tested according to ASTM F-1869-04 (Std. Test method for measuring Moisture Emission Rate of Concrete). The required pH range is 7.0 to 9.0 as tested according to ASTM F-710-05. The In-Situ/RH (relative humidity) requirement on concrete is not to exceed 75% as tested according to ASTM F-2170-02 (Std. Test method for measuring Relative Humidity in Concrete). Industry standards require 3 MVER or In-Situ RH test be performed on the initial 1,000 square feet of each project. In addition, a minimum of one test per 1,000 square feet of either MVER or RH, in any combination, is required for the balance of the project. **Refer to our Technical Services Bulletin "Moisture and pH Testing of Tandus Products" for specific instructions on test methods, ambient conditions, and other requirements.**

Note that moisture vapor emission testing, relative humidity, and pH testing indicate the moisture level and pH of the concrete sub-floor at the time of installation. These tests do not provide static results and both moisture and pH can increase over time. Tandus is not responsible for product failure as a result of changes to sub floor conditions, including increases in moisture and pH levels, post installation. Experience has shown that more accurate and representative MVER, RH and pH testing results can be achieved when the HVAC systems is functioning 24/7 for two weeks prior to installation and the indoor air quality has acclimated to occupancy conditions. In cases where the flooring substrate is light weight concrete, or is a Gypsum based leveling compound used as a topcoat over existing concrete, MVER results are not an accurate means of evaluating the conditions of the flooring substrate; therefore, RH will be the only recognized moisture test method.

pH Testing

Preparing the surface of a concrete slab for pH testing requires the following attention to detail. Make sure the concrete surface is adequately cleaned of any adhesives, primers, curing compounds, surface contaminants, etc. Exercise care not to over clean the surface of the concrete removing the thin layer of carbonation. This can result in higher, non-responsive pH readings. Slightly wet the concrete sub floor surface with a small amount of distilled water and allow the water to stand for one minute. Apply pH test paper to the wet concrete surface and allow the pH test paper to remain in contact with the wet area for one minute. The pH test paper will change color depending on the pH of the wetted surface and a color scale is provided with the pH test papers for comparison. Note: pH test paper commonly supplied in MVER test kits only measures up to a pH of 12 accurately.

Installation of Tandus products on sub-floor conditions that exceed the specifications and limitations provided in this document will void the applicable limited warranties. Tandus does not represent or make any express or implied warranties that Tandus floor covering products will or will not affect, prevent or cure any other moisture or alkalinity-related issues that may arise because of the moisture and alkalinity levels found in the concrete. Tandus expressly disclaims such express or implied representations or warranties.

Temperature & Humidity

The temperature of the interior environment, including the sub floor should be no lower than 65°F and no higher than 90°F at least 72 hours prior to, during and after the installation. All Tandus products and installation materials should be stored between 65°F and 90°F for at least 48 hours prior to installation. Relative humidity should not exceed 65% as it will retard primer and adhesive set times. **If the above temperature/moisture/pH requirements are not met, bubbles and ridges will increase.** Back rolling ethos™ prior to installation, and steaming after the ethos™ is installed, will relax and flatten any remaining bubbles and ridges.

Floor Inspection

The sub-floor must be structurally sound and dry prior to installation. Any curing chemicals, sealers, finishers or other chemical treatments used on sub floors must be chemically and physically compatible with the Tandus backing and adhesive systems, or they must be removed or skim coated with a Portland cement based product. Chemically abated floors or the use of chemical adhesive removers prior to the application of Tandus backing and adhesive systems can result in product or installation failures and are not recommended nor warranted. If you have questions concerning the compatibility of specific chemicals with Tandus backing and adhesive systems please contact the Tandus Field Technical Service Department at 800-241-4902 ext 2129, 2023, or 2670.

Floor Debris Cleaning

Clean the sub-floor of all excess concrete spots, solid debris or paint spots using suitable scraping methods. Completely remove all wax, dirt, grease, paints or old adhesives (especially cutback or emulsion). DO NOT use solvents or any other chemical adhesive removers to clean the sub-floor. DO NOT use an oil-based or silicone based sweeping compound. Contact Tandus for specific floor preparation guidelines including installation over cutback or information on general purpose adhesive.

Floor Patching and Leveling

All sub-floors should be level. Concrete sub-floors should be troweled smooth and should conform to the standard specifications as recommended by the Portland Cement Association. The floor should be flat to within 1/8" in 10 feet. Cracks, holes and depressions can be filled using Portland Cement/Latex fortified patching material. Do not install over loose tile (VAT, VCT or other loose existing flooring substrates).

Floor Cleaning

Sweep and vacuum the floor after patching and debris removal. Do not use an oil, wax, or silicone based sweeping compound. Make sure all perimeter areas are clean. Smooth, nonporous floors should be damp mopped prior to product installation.

Floor Priming (General)

All porous, gritty, chalky and dusty surfaces should be primed using Tandus' C-36E Floor Primer. All patched areas must be fully primed. Primer can be applied using a paint roller. Allow the primer to dry completely. Primer turns light blue and will not transfer to the touch when dry. **Surfaces that are nonporous; such as but not limited to, VCT, terrazzo, sheet vinyl, etc., do not require primer. These surfaces must be cleaned as noted above.**

When old adhesives other than cutback or emulsion adhesives, have been removed, use Tandus C-46E Premium Floor Primer. This is not a substitute for removal of old adhesive and proper floor debris cleaning, but a safeguard for problems caused by small amounts of old residual adhesive.

Where existing, non-asbestos containing cutback adhesive is present, remove the old cutback to the substrate. A licensed asbestos contractor in accordance with state and federal requirements should perform removal of asbestos containing cut back adhesive. After removal of the cutback adhesive, prime the sub floor using Tandus' premium Floor Primer which is only intended to cover small amounts of old cutback adhesives that may interfere with adhesion of the new floor covering. After the floor has dried completely, install following the Tandus installation procedures.

Installation

Determine the lay direction of the carpet based on building design and installation efficiencies. Seams should run towards the light source.

- 1) Check the squareness of the area to be covered. Place (snap) a white chalk line in the center of the room in the lay direction.
- 2) Roll out the ethos™ RS face up with the arrows printed on the back pointing in the same direction.
- 3) Lay the first breadth of carpet with the edge on the chalk line. Allow the ends and edges of carpet (as needed) to run up the wall a minimum of 2" for later trimming. Roll out the second breadth of carpet with the common edge overlapping the first breadth of carpet a minimum of 2" for straight cut, or 3" for serpentine cut. Dry-lay the entire area.
- 4) On the first seam only, working with two breadths of carpet, fold back one-third of each breadth of carpet (lengthwise) exposing the chalk line. Stand on the carpet to prevent shifting, while folding back. This procedure is referred to a "1/3 - 1/3 start". This procedure sets up all remaining seams in either direction for the "1/3 - 2/3" installation system.
- 5) Start at the end of the carpet breadth; remove and properly dispose of the protective liner from 1/3 of the 6' roll.
- 6) Starting from the center of the first breadth of carpet, feed it onto the sub-floor in a continuous, rolling manner. The edge of the carpet should end up on the chalk line, if not the material moved, and should be corrected.
- 7) Feed the second breadth of carpet onto the floor. Make sure the overlap onto the first breadth is maintained.
- 8) Roll both breadths of carpet using a 100-pound roller starting from the center of the breadth and rolling straight to the seam.
- 9) Adjust the Tandus double cut knife blade to cut through both pieces of ethos™ RS and lightly touch the floor. Only one sharp utility blade is required to successfully complete this procedure.
- 10) Determine the pile lay direction of the carpet, and cut in the "smooth" direction. Using firm pressure on the knife-body, cut through both breadths of carpet in one fluid, continuous motion. Double cut down the middle of the 2" overlap for a straight cut. For a serpentine cut overlap 3", cut the carpet in a slight wave pattern with an 18-24" repeat in the wave. Do not allow the knife to track off the top or bottom piece of carpet. Use a utility knife to double cut the ends of the seam.
- 11) Remove top and bottom strips.
- 12) Hold back one edge of ethos™ RS and apply a thin bead approximately 1/8" wide of Tandus C-XI or e-88 seam sealer to the backing edge only, where it comes in contact with the sub-floor. Seam sealer is only required on one side of the carpet.
- 13) Make up the seam starting at the center of the seamed line. Use a sliding/folding motion to push the second breadth of carpet into the seam and seam weld. Avoid pushing the carpet straight down into the seam weld as this may push the seam weld away from the seam and result in seam failure. Do not get any seam weld in the face of the carpet.
- 14) As needed, use a clean, white, dry absorbent cloth and water to clean up any excess seam sealer. Seam sealer must be cleaned up immediately.
- 15) Roll the completed seam using a carpet tractor, and clip any loose yarns to complete the seam. Roll the entire area with a 100 pound roller to set the ethos™ RS into the primer.
- 16) C-XI and e-88 water based seams sealers are approved for use in all California Air Quality Management Districts.

The above methods are necessary to complete all required lengthwise, butt, or end seams.

Other

For installation over substrates not mentioned here, information on exposed edges, air pockets, repairs, more detailed installation instructions, and/or other installation information, please contact Tandus' Installation Services at 800-241-4902, ext 2129, 2023, or 2670.

Proper Procedures for Installation of Patterned Carpeting

Pattern carpets, like any pattern textile product, cannot be manufactured so that patterns will match perfectly when installed in multiple breadths. Tandus manufacturing processes are carefully controlled and will provide for an acceptable pattern match if proper installation techniques and procedures are used. Proper pattern matching is the responsibility of the installer, and should be considered when preparing proposals and quotations. Minor pattern adjustments during installation are possible and should be expected. **Key points on pattern carpet installations are:** (1) Never mix dye lots. (2) Always install pattern carpet in roll number sequence. (3) Rooms with multiple breadths of carpet always require that the best possible match be achieved. (4) Unrolling the carpet and allowing it to condition in the areas to be installed 24 hours prior to installation will facilitate installation and pattern adjustments.

Proper matching procedures are as follows: (1) The proper installation 'direction' of the carpet should be designated prior to installation based on building design and material utilization efficiencies. (2) Unroll the first breadth of carpet to the proper length, allowing 2 to 3 inches overlap at each end for fitting into the walls. (3) Unroll the second breadth of the carpet overlapping factory edges with the first breadth by a minimum of 2' (use a straight or serpentine cut). (4) Visually match the second breadth to the first, both horizontally and diagonally, by shifting lengthwise as required. (4) Always work the pattern from the center of the cut breadth of carpet towards the ends of each cut piece. (6) For longer cuts the pattern will vary more from center to end. Patterns may have to be adjusted to fit by using a butt seam. While a 'perfect' pattern match cannot be guaranteed, exercising care and utilizing proper techniques can obtain acceptable results.

CARPETING IN 1ST FLOOR OFFICES:
ROOM NUMBERS
1024, 1026, 1038 AND 1042 = 266 SQYDS
PLEASE REFERENCE ATTACHED DRAWING FOR ROOM LOCATIONS

CARPETING IN 6TH FLOOR CORRIDORS AND CLASSROOMS
AS FOLLOWS: .

- 1 6500 CORRIDOR = 160 SQYDS K
- 2 SEMI CIRCLE CORRIDOR = 250 SQYDS
- 3 CLASSROOMS:

6530 AND 6548 - 32 SQYDS EA= 32 SQYDS
6532 AND 6546 - 60 SQYDS EA = 120 SQYDS
6534, 6536, 6538, 6540, 6542 AND 6544 - 80 SQYDS EA = 480 SQYDS
6580 = 160 SQYDS
TOTAL SIXTH FLOOR SQYDS = 1234

PLEASE REFERENCE ATTACHED DRAWING FOR ROOM LOCATIONS.

SUPPLY AND INSTALL C&A TANDUS CARPET,

STYLE:
CRAYON POWERBOND ETHOS,
COLOR TBD, WITH 6' POWERBOND RS BACKING
(NO SUBSTITUTES, CARPET MUST MATCH EXISTING) IN THE FOLLOWING AREAS OF
THE CCRI KNIGHT CAMPUS AS PER THE ATTACHED DRAWINGS AND CARPET
SPECIFICATIONS.

VENDOR TO SUPPLY ALL LABOR AND MATERIALS NEEDED TO PROPERLY INSTALL
CARPET:
PREPARE FLOOR WITH SKIMCOAT AND INSTALL TO MAUNFACTURERS SPECIFICATIONS
USING APPROVED SEAM SEALERS AND FLOOR PRIMER

PLEASE REFERENCE THE ATTACHED INSTALLATION GUIDE .

WORK SCOPE TO INCLUDE REMOVAL AND DISPOSAL OF EXISTING CARPET AND
RESULTING DEBRIS.

VENDOR IS RESPONSIBLE FOR ALL ACCURATE FIELD MEASUREMENTS . .

ALL MANUFACTURE'S WARRANTIES ARE ALSO INCLUDED .

WORK AREAS MUST BE MAINTAINED IN A SAFE, CLEAN AND ACCEPTABLE CONDITION

UPON COMPLETION OF WORK, AREAS WILL BE INSPECTED AND ACCEPTED BY
PHYSICAL PLANT DIRECTOR AND OR APPROPRIATE DESIGNEE