



**University of South Carolina**  
Purchasing Department  
1600 Hampton Street, 6th floor  
Columbia, SC 29208  
Telephone: (803) 777-4115

**Request for Quotation**  
**Page One**

**THIS IS NOT AN ORDER**

Quotation must be received <b>No Later Than:</b>	Send quotation to above address Attention of:	Quotation Number:	Date
---	--	-------------------	------

**Print company name and address:**

Please quote your lowest delivered price of the item(s) listed below. The Purchasing Department reserves the right to reject any or all quotes and to waive any or all technicalities.

- 1. If an item cannot be furnished, indicate by **NO QUOTE**.
- 2. All quotes must be signed by the vendor's representative and terms noted, failure to comply with this instruction may result in disqualification of the quote.
- 3. **FAXED QUOTES ACCEPTABLE.** FAX # (803) 777-2032

Federal I.D. or Social Security No. \_\_\_\_\_ SC Minority Certification Number (If Applicable) \_\_\_\_\_

Submitted By (Print Name) \_\_\_\_\_ Signature \_\_\_\_\_ Telephone \_\_\_\_\_

Item No.	Quantity and Unit	Description of Commodity or Services	Unit Price	Total Price

## GENERAL CONDITIONS

**DEFAULT:** In case of default by the Contractor, the University of South Carolina reserves the right to purchase any or all items in default in the open market, charging the Contractor with any additional costs. The defaulting Contractor shall not be considered a responsible bidder until the assessed charge has been satisfied.

All amendments to and interpretation of this RFQ shall be in writing. The procurement officer shall not be legally bound by any amendment or interpretation that is not in writing.

Any contract entered into by the University of South Carolina or its agencies resulting from this quotation shall be subject to cancellation at the end of any fiscal or appropriated year unless otherwise provided by law.

Payment will be made in accordance with Section 11-35-45 of the South Carolina Consolidated procurement Code and Disbursement Regulations. Delay in receiving invoices, as well as errors and omissions on the invoices, will be considered just cause for withholding payment without losing discount privileges. The University reserves the right to withhold payment or make such deductions as may be necessary to protect the University from loss or damage because of defective work, claims, damages or to pay for repair or correction of materials furnished hereunder.

Quoted prices must remain firm for a period of thirty days beyond the Request for Quotation deadline. Unit prices will govern over extended prices unless otherwise stated.

The University of South Carolina shall consider payment discounts in the award of this contract when such discounts are for thirty days or more after final inspection and acceptance of contract requirements. Payment discounts for less than thirty days are encouraged but shall not be a factor in award determination. Please state your discount terms using the above referenced information as the University's position on the matter.

All materials and products offered must be guaranteed to meet and comply with the requirements all the specifications, terms and conditions indicated or referred to.

The award will be made in accordance with Section 11-35-1520 of the South Carolina Consolidated Procurement Code.

The University reserves the right to reject any and all quotations and to cancel the solicitation; waive any and all technicalities; the University reserves the right to reject any quotation in which the delivery time indicated to be of substantial length to cause disruption and/or delay in operation for which the item(s) is/are intended; ambiguous quotations which are uncertain as to terms, delivery, quantity or compliance with specifications may be rejected.

The contractor assumes sole responsibility and shall hold harmless the University of South Carolina, its directors, officers, employees and agents from and against any and all claims, actions or liabilities of any nature which may be asserted against them by third parties in connection with the performance of the bidder, its directors, officers, employees and agents under this agreement. The University of South Carolina agrees to accept responsibility for claims, actions or liabilities resulting from negligent acts of its employees occurring within the scope of their employment which may be asserted against them by third parties in connection with the performance of the University of South Carolina, its members, directors, officers, employees and agents under this agreement.

Contractor agrees not to refer to award of this contract in commercial advertising in such a manner to state or imply that the products or service provided are endorsed or preferred by the user.

Upon award of a contract under this quotation, the person, partnership, association or corporation to whom the award is made must comply with the laws of South Carolina that require such person or entity to be authorized and/or licensed to do business in this State. Notwithstanding the fact that applicable statutes may be exempt or exclude the successful quoter from requirements that it be authorized and/or licensed to do business in this State, by submission of this signed quote, the quoter agrees to subject itself to the jurisdiction and process of the courts of the State of South Carolina as to all matters and disputes arising or to arise under the contract and the performance thereof, including any questions as to the liability for taxes, licenses or fees levied by the State.

Termination: Subject to the provisions below, the contractor may be terminated for any reason by the University providing a thirty-day advance notice in writing is given to the contractor.

Termination for Convenience: In the event that this contract is terminated or cancelled upon request and for the convenience of the University may negotiate reasonable termination costs, if applicable.

Termination for Cause: Termination by the University for cause, default, or negligence on the part of the Contractor shall be excluded from the foregoing provisions; termination costs, if any, shall not apply. The thirty day advance notice requirement is waived and the default provision in this bid shall apply.

HIPAA Law: The Contractor agrees that to the extent that some or all of the activities within the scope of this Contract are subject to the Health Insurance Portability Accountability Act of 1996, P.L. 104-91, as amended ("HIPAA"), or its implementing regulations, it will comply with the HIPAA requirements and will execute such agreements and practices as the University of South Carolina may require to ensure compliance. Additional information may be viewed at: <http://www.sc.edu/hipaa/>

### **SPECIAL CONDITIONS**

**LICENSES, PERMITS, INSURANCE:** All costs for required licenses, permits and insurance shall be borne by the Bidder.

The University of South Carolina requires all contractual activities to be performed in a manner that is consistent with all applicable federal, state and local laws, regulations, rules, rulings and ordinances. These include, but are not limited to: the Occupational Safety and Health Act, The Environmental Protection Act, The South Carolina Hazardous Waste Management Act.

**IMPORTANT** – Please Note – Vendors, we MUST have your Federal ID # (company) or Social Security # (individual) before processing any invoices for payment. Failure to provide this information will result in delay of payments until this information is received. Please include this information with your quote.

## **SCOPE OF WORK**

Furnish all labor and materials to provide SaniGLAZE Ceramic Tile and Grout Restoration for the University of South Carolina (USC) Wellness Fitness Center as per the outlined specifications.

**Estimated square footage** for entire job is \$12,954 square feet, see attachment following Bid Schedule for a summary estimated square footage and location.

**Attachment:** Section 09390, Restorative Bonding, Guide Specifications (Existing Tile), SaniGLAZE International, LLC.

**SITE VISIT (JAN 2006):** A site visit will be held at the following date, time and location. The University assumes no responsibility for any conclusions or interpretations made by the contractor based on the information made available at the site visit. Nor does the University assume responsibility for any understanding reached or representation made concerning conditions which can affect the work by any of its officers or agents before the execution of this contract, unless that understanding or representation is expressly stated in this contract.

**NOTE:** *A potential bidder's failure to attend an advertised pre-bid conference will not excuse its responsibility for estimating properly the difficulty and cost of successfully performing the work, or for proceeding to successfully perform the work without additional expense to the State.*

The bidder shall be responsible for visiting the premises thoroughly familiarizing himself/herself with all details of the work, working conditions, and any necessary field measurement to enable him/her to bid on and complete this project in a manner that is acceptable to USC.

### **SITE VISIT:**

**Date and Time:** Tuesday, June 10, 2014 at 10:00 AM

**Location:** USC Wellness and Fitness Center  
1000 Blossom Street, Columbia, SC 29203

**Deadline for Questions:** Wednesday, June 11, 2014, 10:00 AM

## **SPECIFICATIONS**

- Contractor shall restore all tiled floor areas to a like new appearance and the integrity with additional floor treatment to remove contamination and deep clean tile moisture barrier so that this appearance can be maintained using conventional cleaning processes in combination with periodic prescribed support service activities. The restoration condition shall be equal to SaniGlaze International, LLC.
- Cleaning shall be performed Monday through Friday, 6:00 am – 10:00 pm; Saturday and Sunday during operating hours.
- Contract must coordinate work hours for nights and weekend.

- Contractor shall be responsible for the safety and health of all workers on the job and shall comply with the applicable provisions to the Occupational Safety and Health Act (OSHA).
- Contractor must have an established safety program for all employees.
- USC reserves the right to reject any and all bids when such rejection is in the best interest of the Owner.
- Upon completion of this project, a member of USC staff and the contractor will conduct a walk-through. Any deficiencies noted will be corrected by the Contractor at no additional cost to USC.
- Work to be completed between June 30<sup>th</sup> – July 10<sup>th</sup>, 2014.
- SaniGlaze XcelKleen and SaniGlaze/EnduraGlaze are to be used in locations as specified in the table below:

### **SaniGlaze XcelKleen**

#### **Men's Locker room/shower**

4,137 sq. ft.

103 sq. ft. Corridor to men's locker room from hallway

#### **Men's handicap accessible restroom**

65 sq. ft.

#### **Men's Faculty locker room**

439 sq. ft.

#### **Men's Faculty shower/restroom**

216 sq. ft.

**Men's Area**

**4,960 sq. ft**

#### **Women's Locker room/shower**

3,867 sq. ft.

57 sq. ft. Corridor to pool

#### **Women's handicap accessible restroom**

89 sq. ft.

#### **Women's Faculty locker room**

202 sq. ft.

#### **Women's Faculty shower/restroom**

189 sq. ft.

**Women's**

**Area**

**4,404 sq. ft.**

#### **2nd floor restroom South end of corridor**

women's 224 sq. ft.

men's 151 sq. ft.

#### **Rotunda**

women's	197 sq. ft.	
men's	198 sq. ft.	770 sq. ft.
<b>1st floor</b>	<b>South Center restrooms</b>	
women's	509 sq. ft.	
men's	223 sq. ft.	
Family Changing Room	123 sq. ft.	855 sq. ft.
<b>Pool Area</b>		
Sauna Room Floor	75 sq. ft.	75 sq. ft.
<b>Russell House</b>		
Men's & Women's rest room/hallway		109sq. Ft.

### **SaniGlaze/EnduraGlaze**

#### **Men's Shower Walls**

540 sq. ft.

#### **Women's Shower Walls**

636 sq. ft.

1176 sq. ft.

### **Total Square Footage**

**12,349 sq. ft.**

### **CERTIFICATES OF INSURANCE**

Certificates of Insurance shall be delivered to the University as requested herein. Such certificates shall also indicate the requirement for advance notice of termination or cancellation of or change in coverage. The contractor must furnish a statement of Worker's Compensation as required by law, or a statement that the contractor is self-insured and will not file a claim against USC. Contractor should submit copy of insurance within 5 days of award.

Minimum requirements are as follows:

- Worker's compensation: in accordance with the statutory limits set by the State of South Carolina.
- Commercial General Liability Insurance: \$1,000,000 per occurrence. Naming USC as an additional insured.
- Comprehensive Automobile Liability/Bodily Injury/Property Damage Insurance: \$1,000,000 combined single limit per accident.

**SPECIAL PROVISIONS**

In The specifications listed herein are not to be considered restrictive to one source of supply. However, items offered must be equal in quality and performance. The offeror must include with his bid/quote, supporting product data sufficient for the University to determine equality and acceptability. The right is reserved to reject any offering in which the items offered are considered unsatisfactory in any manner. The University will determine if minor deviations from the listed features are acceptable. (SPM022)

Any reference to brand names, trade names, model numbers or other descriptions peculiar to specific brand products is made to establish a required level of quality and functional capabilities; it is not intended to exclude other products of that level. Comparable products of other manufacturers will be considered. The vendor is responsible for submitting all necessary documentation.

Bids/quotes for items other than specified must include the manufacturer's name and model or catalog number of the items offered in the space provided in the bid/quote schedule and the manufacturer's latest literature showing complete product specifications and details. Failure to furnish adequate data may result in bid/quote rejection as non-responsive. (SPM024)

## ADDITIONAL CONDITIONS

PREFERENCES - A NOTICE TO VENDORS (SEP. 2009): On June 16, 2009, the South Carolina General Assembly rewrote the law governing preferences available to in-state vendors, vendors using in-state subcontractors, and vendors selling in-state or US end products. This law appears in Section 11-35-1524 of the South Carolina Code of Laws. A summary of the new preferences is available at [www.procurement.sc.gov/preferences](http://www.procurement.sc.gov/preferences). **ALL THE PREFERENCES MUST BE CLAIMED AND ARE APPLIED BY LINE ITEM, REGARDLESS OF WHETHER AWARD IS MADE BY ITEM OR LOT. VENDORS ARE CAUTIONED TO CAREFULLY REVIEW THE STATUTE BEFORE CLAIMING ANY PREFERENCES. THE REQUIREMENTS TO QUALIFY HAVE CHANGED. IF YOU REQUEST A PREFERENCE, YOU ARE CERTIFYING THAT YOUR OFFER QUALIFIES FOR THE PREFERENCE YOU'VE CLAIMED. IMPROPERLY REQUESTING A PREFERENCE CAN HAVE SERIOUS CONSEQUENCES.** [11-35-1524(E)(4)&(6)]

PREFERENCES - SC/US END-PRODUCT (SEP 2009): Section 11-35-1524 provides a preference to vendors offering South Carolina end-products or US end-products, if those products are made, manufactured, or grown in SC or the US, respectively. An end-product is the tangible project identified for acquisition in this solicitation, including all component parts in final form and ready for the use intended. The terms "made," "manufactured," and "grown" are defined by Section 11-35-1524(A). By signing your offer and checking the appropriate space(s) provided and identified on the bid schedule, you certify that the end-product(s) is either made, manufactured or grown in South Carolina, or other states of the United States, as applicable. Preference will be applied as required by law. Post award substitutions are prohibited. See "Substitutions Prohibited - End Product Preferences (Sep 2009)" provision.

PREFERENCES - RESIDENT CONTRACTOR PREFERENCE (SEP 2009): To qualify for the RCP, you must maintain an office in this state. An office is a nonmobile place for the regular transaction of business or performance of a particular service which has been operated as such by the bidder for at least one year before the bid opening and during that year the place has been staffed for at least fifty weeks by at least two employees for at least thirty five hours a week each. In addition, you must, at the time you submit your bid, directly employ, or have a documented commitment with, individuals domiciled in South Carolina that will perform services expressly required by the solicitation and your total direct labor cost for those individuals to provide those services must exceed fifty percent of your total bid price. [11-35-1524(C)(1)(iii)] Upon request by the procurement officer, you must identify the persons domiciled in South Carolina that will perform the services involved in the procurement upon which you rely in qualifying for the preference, the services those individuals are to perform, and documentation of the your labor cost for each person identified. If requested, your failure to provide this information promptly will be grounds to deny the preference (and, potentially, for other enforcement action).

PREFERENCES - RESIDENT SUBCONTRACTOR PREFERENCE (SEP 2009): To qualify for this preference, You must meet the following requirements. (1) You must -- at the time you submit your bid -- have a documented commitment from a single proposed first tier subcontractor to perform some portion of the services expressly required by the solicitation. (2) The subcontractor -- at the time you submit your bid -- must directly employ, or have a documented commitment with, individuals domiciled in South Carolina that will perform services expressly required by the solicitation and the total direct labor cost to the subcontractor for those individuals to provide those services exceeds, as applicable, either twenty percent for a 2% preference or forty percent of bidder's total bid price for a 4% preference. (3) You must identify the subcontractor that will perform the work, the work the subcontractor is to perform, and your factual basis for concluding that the subcontractor's work constitutes the required percentage of the work to be performed in the procurement. [11-35-1524(D)] You can stack this preference, i.e., earn another 2% or 4% preference for each additional qualifying subcontractor, but the preference is capped. [11-35-1524(D)(4), (E)(7)] Upon request by the procurement officer, you must identify the persons domiciled in South Carolina that are to perform the services involved in the procurement upon which you rely in qualifying for the preference, the services those individuals are to perform, the employer of those persons, your relationship with the employer, and documentation of the subcontractor's labor cost for each person identified. If requested, your failure to provide this information promptly will be grounds to deny the preference (and, potentially, for other enforcement action). **YOU WILL NOT RECEIVE THE PREFERENCE UNLESS YOU SPECIFY WHETHER YOUR ARE CLAIMING THE 2% OR 4% PREFERENCE AND YOU PROVIDE THE INFORMATION REQUIRED BY ITEM (3) ABOVE.**

**PREFERENCES - RESIDENT VENDOR PREFERENCE (SEP 2009):** To qualify for the RVP, you must maintain an office in this state. An office is a nonmobile place for the regular transaction of business or performance of a particular service which has been operated as such by the bidder for at least one year before the bid opening and during that year the place has been staffed for at least fifty weeks by at least two employees for at least thirty five hours a week each. In addition, you must either: (1) maintain at a location in South Carolina at the time of the bid an inventory of expendable items which are representative of the general type of commodities for which the award will be made and which have a minimum total value, based on the bid price, equal to the lesser of fifty thousand dollars [\$50,000] or the annual amount of the contract; or (2) be a manufacturer headquartered and having an annual payroll of at least one million dollars in South Carolina and the end product being sold is either made or processed from raw materials into a finished end product by that manufacturer or its affiliate (as defined in Section 1563 of the Internal Revenue Code).

**SUBSTITUTIONS PROHIBITED - END PRODUCT PREFERENCES (SEP 2009):** If you receive the award as a result of the South Carolina end product or United States end product preference, you may not substitute a nonqualifying end product for a qualified end product. If you violate this provision, the State may terminate your contract for cause and you may be debarred. In addition, you shall pay to the State an amount equal to twice the difference between the price paid by the State and your evaluated price for the item for which you delivered a substitute. [11-35-1534(B)(4)]

**SUBCONTRACTOR SUBSTITUTION PROHIBITED - RESIDENT SUBCONTRACTOR PREFERENCE (SEP 2009):** If you receive an award as a result of the subcontractor preference, you may not substitute any business for the subcontractor upon which you relied to qualify for the preference, unless first approved in writing by the procurement officer. If you violate this provision, the State may terminate your contract for cause and you may be debarred. In addition, the procurement officer may require you to pay the State an amount equal to twice the difference between the price paid by the State and the price offered by the next lowest bidder, unless the substituted subcontractor qualifies for the preference. [11-35-1524(D)(5)(c)]

MINORITY PARTICIPATION (JAN 2006)

Is the bidder a South Carolina Certified Minority Business? ☐ Yes ☐ NO

Is the bidder a Minority Business certified by another governmental entity? ☐ Yes ☐ NO

If so, please list the certifying governmental entity: \_\_\_\_\_

Will any of the work under this contract be performed by a SC certified Minority Business as a subcontractor? ☐ Yes ☐ NO

If so, what percentage of the total value of the contract will be performed by a SC certified Minority Business as a subcontractor? ☐ Yes ☐ NO

Will any of the work under this contract be performed by a minority business certified by another governmental entity as a subcontractor? ☐ Yes ☐ NO

If so, what percentage of the total value of the contract will be performed by a minority business certified by another governmental entity as a subcontractor? ☐ Yes ☐ NO

If a certified Minority Business is participating in this contract, please indicate all categories for which the Business is certified:

- ☐ Traditional minority
- ☐ Traditional minority, but female
- ☐ Women (Caucasian females)
- ☐ Hispanic minorities
- ☐ DOT referral (Traditional minority)
- ☐ DOT referral (Caucasian female)
- ☐ Temporary certification
- ☐ SBA 8 (a) certification referral
- ☐ Other minorities (Native American, Asian, etc.)

(If more than one minority contractor will be utilized in the performance of this contract, please provide the information above for each minority business.)

## BID SCHEDULE REQUEST FOR PRICE QUOTATION

Item	Qty	Unit of Measure	Description	Extended Price
1	1	job	Provide material and labor to SaniGLAZE Ceramic Tile and Grout Restoration per specifications in this solicitation.	\$ _____

Resident Contractor Preference \_\_\_\_\_

Resident Sub-Contractor Preference (2%) \_\_\_\_\_ Number of Sub-Contractors \_\_\_\_\_

Resident Sub-Contractor Preference (4%) \_\_\_\_\_ Number of Sub-Contractors \_\_\_\_\_

**Note:** The service preferences do not apply to a bid for an item of work by the bidder if the annual price of the bidder's work exceeds \$50,000 or the total potential price of the bidder's work exceeds \$500,000. [11-35-1524(E)(3)]

Please refer to the preference clauses listed in the additional conditions of this solicitation to ensure that you qualify to select the above preferences. Bidder is to submit the following for preferences requested above:

- 1) Identify the subcontractor to perform the work:
- 2) Identify the work the subcontractor is to perform:
- 3) Bidder's factual basis for concluding that the subcontractor's work constitutes the required percentage of the work to be performed in the procurement.

**Company Name:** \_\_\_\_\_

**SECTION 09390**

**RESTORATIVE BONDING**

**PART 1 - GENERAL**

**1.01 RELATED DOCUMENTS:**

- A. Drawings and general provisions of Contract, including General and Supplementary Conditions and Division 1 Specification sections, apply to work of this section.

**1.02 SUMMARY:**

- A. This Section includes the following:
  - 1. Restoration of existing, interior ceramic and quarry tiled floor, wall and ceiling areas to a "like new" appearance and integrity.
  - 2. Installation shall result in a floor, wall and ceiling treatment that will produce a moisture barrier and condition so that the appearance can be maintained using conventional cleaning processes in combination with recommended periodic prescribed support service activities.

**1.03 QUALITY ASSURANCE:**

- A. Definition - Restorative Bonding: Tile grout restoration and maintenance is referenced generically as Restorative Bonding. This technology is environmentally friendly and permanent in nature, and should not be confused with or compared to grout painting, staining, or otherwise recoloring.
- B. Source of Materials: Provide materials obtained from one source for each type and color of restorative bonding materials.
- C. Installer Qualifications: Engage a licensed, certified, trained and experienced installer who has successfully completed restorative bonding installations similar in material, design, and extent to that indicated for this Project.
- D. Restorative Bonding Products: Products and installation surfaces' shall be as designed by the manufacturer so as not to reduce the co-efficient of friction (slip-resistance) of flooring products to less than required to comply with published U.S. Justice Department Regulations for the "Americans with Disabilities Act of 1990" (ADA, ADA-AG), ANSI A 117.1, and the "Uniform Federal Accessibility Standards" (UFAS); And revisions and amendments thereto.
- E. Mock-ups: Provide mock-up of restorative bonding system at location indicated, or if not indicated, as directed by Architect or Owner. Mock-up shall be approximately 2-feet by 2-feet or include no less than four (4) contiguous floor, wall and ceiling tiles, whichever is larger, at location indicated. Accepted mock-ups shall demonstrate and establish the quality of work by which the remainder of the work shall be judged.
- F. Sanitation Support Service: Contractor shall offer an optional periodic "Sanitation Support Service" to the Owner in writing upon completion of the work.

**1.04 SUBMITTALS:**

- A. Experience and qualification data for manufacturer and applicator.
- B. Product Data: Submit manufacturer's complete and current product information, technical information, and installation and maintenance instructions.
- C. Submit sample warranty for review.
- D. Shop Drawings: Where locations of the work of this contract are not indicated or completely indicated, prepare and submit shop drawings indicating tile patterns and locations and widths of control, isolation, contraction and expansion joints in tile surfaces.
- E. Samples for Initial Selection Purposes: Submit manufacturer's color charts consisting of full range of colors, textures and patterns available for each type of restorative bonding indicated. Include samples of all materials involving color selection.
- F. Samples for Verification Purposes, submit the following upon request by Architect or Owner:
  - 1. Samples for each type of joint treatment for each color and texture required, not less than 12-inches square, on plywood or hardboard backing, grouted and sealed.
- G. Contractor's proposal for "Sanitation Support Services," including all provisions and services to be provided, frequency of additional cleaning and restorative procedures and annual cost for at least the first year following expiration of manufacturer's warranty.

**1.05 DELIVERY, STORAGE, AND HANDLING:**

- A. Deliver and store packaged materials in accordance with manufacturer's written instructions and recommendations, in original containers with seals unbroken and labels intact until time of use. Prevent damage or contamination to materials by water, freezing, foreign matter or other causes.
- B. Store items to be incorporated in the Work in stable and secure manner, off of floor, within an area which has ambient temperature controlled within acceptable range required for each product.
- C. Do not unreasonably encumber the site with materials or equipment. Confine stockpiling of materials and location of storage to the areas indicated, or if not indicated, as designated by the Contractor or Owner.
  - 1. If additional storage is necessary, obtain and pay for such storage off site in a fully bonded and insured facility acceptable to the Owner, with all items stored clearly identified as being assigned to this project. Address for any off-site stored materials shall be provided to the Owner, by the Contractor.

**1.06 PROJECT CONDITIONS:**

- A. Maintain environmental conditions and protect work during and after installation to comply with manufacturer's current printed instructions and recommendations.
- B. Vent any temporary heaters to exterior to prevent damage to restorative bonding work from carbon dioxide buildup.

- C. Maintain temperatures at not less than 50 degrees F (10 degrees C) in work areas during installation and for 7-days after completion, unless higher temperatures are required by manufacturers' current printed instructions and recommendations.

#### **1.07 WARRANTIES AND GUARANTEES:**

- A. Warranty: The manufacturer shall approve the installation and provide their standard written warranty for labor and materials, that the restorative bonding system shall remain adhered, intact (without perceptible deformation) and completely leak free from the date of project Substantial Completion as long as prescribed Support Services are continued, subject to Owner's compliance with written maintenance instructions delivered to the Owner by the Contractor.
  - 1. Warranty provisions shall not apply in the event of occurrence of exclusions in the written warranty, including in part, Owner's noncompliance with written maintenance instructions delivered to the Owner by the Contractor, work performed on the completed system by others that affects its integrity or causes damage; or damage due to neglect, abuse, natural phenomena, acts of God, or otherwise not under the control of the Contractor or due to defective workmanship.
  - 2. The Contractor shall warrant the appearance and integrity of the tile and grout surface indefinitely for as long as warranty provisions are adhered to and the Owner engages the Contractor for optional "Sanitation Support Services."
- B. Repairs that become necessary while restorative bonding system is under warranty and/or guarantee, shall be performed within 14-days of notification to the installer and/or manufacturer, including in part, any required removals, repairs of the restorative bonding system, and restoration of any additional materials removed to perform the work to at least their previously existing condition. Should for any reason, the installer is not able to perform the repairs, it shall be incumbent upon the manufacturer to do so. If repairs are not begun on time, Owner shall have work done by others and costs will be charged to the Contractor, with no detrimental effect on the remaining warranty and no termination of warranty.
- C. The above warranty shall be in addition to, shall be in effect simultaneously with, and shall not alter or limit other project or product warranties or guarantees, nor shall it serve as a limitation to other remedies available to the Owner.

### **PART 2 - PRODUCTS**

#### **2.01 ACCEPTABLE MANUFACTURERS:**

- A. Manufacturers: Subject to compliance with requirements, provide preapproved products and restorative bonding systems equivalent to "SaniGLAZE Process" system, as manufactured by SaniGLAZE International, LLC; Jacksonville, Florida; Phone: 1-800-874-5554; Website: [www.saniglaze.com](http://www.saniglaze.com).

#### **2.02 PRODUCTS - GENERAL:**

- A. Restorative bonding system specified is proprietary in nature, and all materials utilized in completion of the work shall be either manufactured or approved in writing for use by the system manufacturer. It is anticipated that these requirements will also apply to any alternate restorative bonding system accepted

- B. All products and installation shall comply with restorative bonding system manufacturer's current written instructions, recommendations and restrictions.
- C. Completed restorative bonding systems shall be capable of sustaining foot traffic within four hours after completion of the work, without damage to the system.

**2.03 MATERIALS:**

- A. Strippers - If Sealer or Floor Finish Exists: SaniGLAZE Polymer Remover, Eradicate, StripTASTIC stripper, Seal Remover, or system manufacturer approved equivalent.
- B. Tile Cleaning Compound: SaniGLAZE Extra Strength Contaminant Remover.
- C. Grout Etching and Cleaning Compound: SaniGLAZE Tile & Grout Prep compound that is specifically formulated to leave a grout surface conducive to micro anchor bonding with SaniGLAZE High Build Glazing Compound, or system manufacturer approved equivalents.
  - 1. The grout preparation gel shall be a maximum strength, non-fuming product comprised of organic and inorganic chelating, scale removing compounds, suspending agents, penetrating detergents, water soluble solvent compounds, viscosity control agents, and odor suppressants.
  - 2. It shall remove embedded soils, dissolve micro-scale and mineral deposits, neutralize iron, rust, and mineral and urine stains without attacking the substrate or excessively dissolving cementitious grout or mortar joints, or having a deleterious effect on metal, fiberglass, porcelain or ceramic fixtures.
  - 3. The grout preparation gel shall promote maximum contacting time and applicator control of the process, and reduce contact hazards to a minimum.
  - 4. The grout preparation gel shall leave no residue, chalk, or grit when properly rinsed.
  - 5. The grout preparation gel shall possess a minimum shelf life of one year and its age shall be within that time limitation period at the time of application.
- D. Grout Renewal/Replacement Compound: SaniGLAZE High Build Glazing Compound, a waterborne moisture impermeable grout glazing compound, in combination with SaniGLAZE Dry Solids to prevent shrinkage and pitting during the curing process; for application to the existing grout between the tiles and leveled to the surface depth of the pretreated grout. Grout glazing compound shall be fully compatible with other components of the restorative bonding system.
  - 1. For Grout Lines Greater Than 62.5-mils Deep: SaniGLAZE High Build Glazing Compound.
  - 2. For Grout Lines Less Than 62.5-mils Deep: SaniGLAZE Glazing Compound.
  - 3. This material shall be non porous and have bonding properties equal to or better than original grout. It shall be of proper viscosity as to seek and fill all substrate voids by gravity and level to the original grout surface level.
  - 4. Color(s): This compound shall be available in varying colors and be capable of matching the existing grout.
  - 5. Restrictions: Grout glazing compound shall not remain on any tile surface.

6. Bonding and Curing: Grout glazing compound must bond with the grout and be cured to form an impermeable barrier to moisture.
  7. Mixing: Utilizing clean, new or undamaged containers and equipment, comply with manufacturer's current written instructions, as follows, unless otherwise indicated or required for warranty:
    - a. SaniGLAZE High Build Glazing Compound (deep grout): Mixture shall contain 1 quart of SaniGLAZE High Build Glazing Compound, up to 8 ozs. Dry Solids, 10 ml Part M Hardener, and shall be mixed thoroughly using a power drill with mixing blade or other mixing device acceptable to system manufacturer.
    - b. SaniGLAZE Glazing Compound (shallow grout): Mixture shall be identical to High Build Glazing Compound, except modified for producing a lower nonvolatile volume which makes it suitable for shallow grout lines. Modified mixture shall be in strict accordance with manufacturer's current written instructions and recommendations, including in part, materials, proportions and mixing requirements.
- E. Shielding Sealer:
1. Porous and Nonporous Tile: SaniGLAZE Super Shield, a waterborne tile surface moisture, grease, oil and chemical barrier, providing an impermeable moisture seal over the entire treated area, with a semi-gloss, gloss or flat finish, as selected. This sealer shall be resistant to urine, disinfectants, bleach, acid bowl cleaner, high pH cleaners, and other chemicals typically used in cleaning rest rooms and other tile and grout areas.
    - a. Finished Appearance: Clear, transparent and invisible when it has dried and cured, with sufficient particle size of the emulsion and surfactant package to allow deep penetration of porous tile substrates, and a chemical adhesion component. Gloss level as selected.
    - b. Maintenance: This compound must be able to recoat itself when maintenance needs arise.
    - c. Slip Resistance: Static Coefficient of Friction or at least 0.70 dry and 0.50 wet when tested with the ASTM Test Method C1028-96.
- F. Optional Support Services - Materials: SaniGLAZE EverGLAZE Universal Cleaner, capable of removing any surface soil and contaminants, renewing the original SaniGLAZE finish or SaniGLAZE Super Shield which was applied during the original restoration, and bringing the floors, walls and ceilings back to the same "like new" appearance affected by the original restoration, using SaniGLAZE EverGLAZE Universal Cleaner, to clean and renew the original SaniGLAZE topical shield.
1. Maintenance by Owner shall include in part cleaning with EverGLAZE Universal Cleaner and/or buffing and recoating SaniGLAZE Super Shield periodically as required to maintain the original restorative bonded surface integrity.

### **PART 3 - EXECUTION**

#### **3.01 EXAMINATION:**

- A. Examine surfaces to receive restorative bonding work and conditions under which the system will be installed.
- B. Do not proceed with restorative bonding work until surfaces and conditions comply with requirements indicated in manufacturer's current written instructions and recommendations.

### **3.02 INSTALLATION - GENERAL:**

- A. Prepare and install restorative bonding system in accordance with manufacturer's current written instructions and recommendations, and as otherwise required to obtain manufacturer's warranty.

### **3.03 PRE-PREPARATION – IF SEALERS OR COATINGS ARE PRESENT**

- A. Remove all existing surface-applied polymer based coatings and/or sealers with either SaniGLAZE Polymer Remover, Eradicate stripper, StripTASTIC, Seal Remover, or preapproved equivalent.
- B. Agitate the floor, wall and ceiling surfaces to be restored to ensure loosening and emulsification of such matter. Remove all emulsified and deleterious matter by suction.

### **3.04 PREPARATION**

- A. Floor, wall and ceiling surfaces to be restored shall be mechanically scrubbed utilizing SaniGLAZE Extra Strength Contaminant Remover or preapproved equivalent to remove any remaining embedded contaminants from tile and grout surfaces. Remove scrubbing residue by suction and rinse with clean water flood rinse. Remove rinse solution by suction. Test floor, wall and ceiling surfaces to be restored using hydron method, and verify that existing pH level will not neutralize chemicals used in the preparation, sealing and finishing processes.

Test floor, wall and ceiling surfaces to be restored using hydron method, at least one test per 100 square feet of tile surface, and verify that existing pH level will not neutralize chemicals used in the preparation, sealing and finishing processes. Correct any deficiencies prior to continuing with joint treatment applications.

- B. Grout Preparation Procedures: Grout preparation gel shall be applied to the entire surface of the floor, wall and ceiling surfaces to be restored.
  - 1. Grout lines shall be chemically etched and cleaned using SaniGLAZE Tile & Grout Preparation compound or preapproved equivalent that is specifically formulated to leave a grout surface conducive to micro anchor bonding with SaniGLAZE High Build Glazing Compound or preapproved equivalent.
  - 2. A clear water flood rinse shall be applied to the floor and the residue removed by suction. The grout preparation gel shall leave no residue, chalk, or grit after having been properly rinsed.
  - 3. Test floor, wall and ceiling surfaces to be restored using hydron method, at least one test per 100 square feet of tile surface, and verify that existing pH level will not neutralize chemicals used in the preparation, sealing and finishing processes. Correct any deficiencies prior to continuing with joint treatment applications.

### **3.05 GROUT GLAZING AND SEALING:**

- A. Grout Glazing: Apply SaniGLAZE High Build Glazing Compound or preapproved equivalent system, in combination with SaniGLAZE Dry Solids to prevent shrinkage and pitting during the curing process. This waterborne moisture impermeable grout glazing compound shall be applied to the existing grout between the tiles and leveled to the surface depth of the pretreated grout. The compound shall not remain on any tile surface. The compound shall bond with the grout and be cured to form an impermeable moisture barrier.
1. Any missing grout shall be replaced with SaniGLAZE High Build Dry Solids Grout Replacement System or pre-approved equivalent. It shall be of proper viscosity as to seek and fill all substrate voids by gravity and level to the original grout surface level.
  2. SaniGLAZE High Build Glazing Compound and Dry Solids or preapproved equivalent system, shall also be used for restoring grout lines greater than 62.5 mils deep. It shall be identical to High Build Glazing Compound except for a lower nonvolatile volume which makes it suitable for shallow grout lines.
  3. The high build glazing compound and dry solids shall be formulated to be fully compatible with and function synergistically with other SaniGLAZE or preapproved equivalent products and systems. It shall be of sufficient nonvolatile volume as to actually rebuild rather than simply stain or color existing or new grout. It shall also be of sufficient internal chemical cross-linking to create a cohesive, wear resistant surface.
- B. Sealing: Apply SaniGLAZE Super Shield or pre-approved equivalent, using HLVP Spray equipment, to the entire tile surface to provide an impermeable moisture seal over the entire treated area(s), with the specified gloss level.
- C. Drying and Curing: Provide drying and curing procedures in accordance with manufacturer's current written instructions and recommendations, or if not indicated, by means of a mechanically generated air flow.

### 3.05 **CLEANING AND PROTECTION:**

- A. Cleaning: Upon completion of restorative bonding applications, clean all new and adjacent existing tile surfaces so they are free of foreign matter. Remove any residue, splatter and similar materials from adjacent and other surfaces, wherever occurs.
- B. Remove all trash, containers, cartons, debris, excess materials, etc., which results from work under this Section, and legally dispose of off Owner's property.
- C. Protection: Advise Contractor and Owner in writing of protections necessary from completion of restorative bonding work and project Substantial Completion.

### 3.06 **CLOSEOUT:**

- A. Deliver the following to the Contractor or Owner, as applicable, in duplicate 3-ring binders clearly identifying the project, Contractor, Installer, and Owner on the cover and spine:
1. Fully executed warranty, subject to acceptance of prescribed Support Services.
  2. Complete contact information for the system manufacturer and installer
  3. Complete printed cleaning and maintenance instructions. Include at least two sources with complete contact information for any special cleaning and maintenance solutions, materials and supplies.

4. Proposal for "Sanitation Support Services."

**END OF SECTION**