I. Introduction:

Contractor is needed install an epoxy floor coating in the kitchen.

II. Services to be Provided:

The contractor will provide the following scope of work: Site 2 Kitchen Floor 4820 square feet of Epoxy Coating with base and thresholds per Exhibit A. Provide all labor and equipment to install a urethane flooring system with 4” cove inside the West TN Prison facility kitchen area. This system will be comprised of a urethane coating system to be installed at a nominal 30 mils. The substrate preparation will be utilized by a mechanical means to achieve a clean, sound bonding surface prior to installation start. The location of the work is inside the kitchen at Site 2 WTSP at 480 Green chapel Road, Henning, TN 38041-1150.

III. Products to be Used:

WTSP will furnish the materials from a supplier equal or equivalent to those listed below:

1. General Polymers Flooring / Sherwin Williams Company FasTop® Topfloor Urethane Slurry System; Store No. 707096; 850 US Highway 51 Bypass West; Dyersburg, tn 38024-2036; Phone 731-286-0895
2. Prime Coat Coating Systems; PC 5633 Patented seamless coating for food and beverage facilities. Libertyville, IL (847-362-5111)
3. TUFFREZ (HF 1/4”) Flooring System by ITW Polymers; 111 S. Nursery Road; Irving, TX 75060; Phone 972-438-9111; www.polyspec.com
4. Or equal
5. Fluid-applied flooring products shall have the following performance characteristics:

<table>
<thead>
<tr>
<th>Property</th>
<th>Standard</th>
<th>Minimum Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hardness (Shore D)</td>
<td>ASTM D-2240</td>
<td>80-85</td>
</tr>
<tr>
<td>Compressive Strength</td>
<td>ASTM D-695</td>
<td>17,500 psi</td>
</tr>
<tr>
<td>Tensile Strength</td>
<td>ASTM D-638</td>
<td>2,100 psi</td>
</tr>
<tr>
<td>Flexural Strength</td>
<td>ASTM D-790</td>
<td>5,100 psi</td>
</tr>
<tr>
<td>Tensile Elongation</td>
<td>ASTM D-638</td>
<td>7.5%</td>
</tr>
</tbody>
</table>
IV. Installation basis of Design:

1. Substrate- The substrate should be flat or sloped to drain. (As an example, the epoxy topping will follow the contour concrete, if sloping to drain is desired an underlayment may be required.) All new concrete floor surface finishes shall be designed with slight pitches or slopes to all floor drains and shall be finished at a grade of approximately 5/16" below the finish surface of the floor drains and or clean outs, where the horizontal floor surface meets the vertical drain or clean out. This shall allow the new coatings to finish flush with the top surface of the floor drains and or cleanouts.

2. Employ a radio frequency moisture meter to determine that residual un-combined moisture content of concrete slab is less than five (5) percent by weight. Conduct ASTM F 1869 to further record the Moisture Vapor Emission Rate. Do not apply high performance floor coatings to floor slabs that exceed 5 percent moisture content or 3 pounds per 1,000 square feet per 24 hours unless approved by the material manufacturer.

3. Mechanical preparation: Shot blast to profile all floor surfaces scheduled to receive high performance floor coatings to a classification of ICRI1CSP-5.

4. General Polymers Flooring Material example of build up Products- Sherwin Williams Company
   *First Coat - (Urethane Cement Coat Gray) General Polymers T100 Fastop Multi Part # 101152483 (16 pound kit)
   *Second Coat - (Seal Coat Gray) General Polymers 4850 Polyaspartic Part # 101329308 (3 gallon kit)
   General Polymers Flooring
   * Mechanical preparation: ICRI / CSP 4:5
   * 3504 Penetrating primer bonder w/ broadcast (10-12 mils)
   * ESTES: 16-100 mesh aggregate broadcast for non slip
   * T100 high performance intermediate coating w/texture (10-12 mils)
   * 4850 CS: Polyaspartic urethane sealer (6-10 mils)
   *Fastop 12S: Urethane patching mortar.

V. Remove and Reinstall Door Thresholds

1. This Project stops at several existing door openings. These doorways shall have existing thresholds removed and reinstalled as part of the scope of work. Include in the work the possibility of replacing existing thresholds or elevators to accommodate the rise in floor level. Otherwise, mesh the specified thresholds with the existing thresholds in a safe, secure, workable fashion.

2. All metal doors shall be adjusted to accommodate the rise in floor level. If cutting is required, edges shall be sanded smooth and even and the surfaces shall be finished to match existing.

3. Thresholds replaced shall be manufactured by Pemko Manufacturing Co., Memphis, Tennessee. Product shall be a 158 A Offset Saddle Threshold, length as required, extruded aluminum alloy 6063. Supply 'Pemko' skid resistant surface.

4. Thresholds shall be installed at all entrances to the Project area. At exterior entrances new thresholds shall completely cover the area of the existing thresholds. Supply thresholds 1" over length, pre-drilled and supplied with stainless steel screws. Provide fasteners that will not work loose as a result of heavy door use.
Set units plumb, true and level, accurately centered, and cut to fit with no raw edges exposed. Adjust doors to operate smoothly and evenly over thresholds, with no dragging or binding.

VI. Special Contract Conditions:

1. Contractor shall coordinate with TDOC Maintenance Department who will remove and reinstall all existing movable kitchen equipment.
2. State of Tennessee is exempt from sales tax and it is not applicable on this bid.
3. There should be no change orders to the original scope of work and the contractor is strongly encouraged to visit the site prior to submission of bid to verify all existing conditions.
4. The contractor shall have access to work on any schedule that is approved by the Warden and this typically allows up to 40 hours per week and they can perform the entire scope in and uninterrupted and continuous manner. Overtime past 40 hours per week if permitted and approved by the Warden of the Facility will be allowed however this is subject to overtime charges for Security Staff from WTSP becoming the contractor’s responsibility to pay.

VII. Specialized Equipment

1. No Specialized Equipment shall be used without the Authorized User’s prior written approval. The use of Specialized Equipment must be identified in the Estimate.
2. Gas powered equipment will not be approved. Electric powered equipment may be approved and power will be supplied by TDOC at 120/208 volts or 277/480 volts three phase.
3. If the approved Specialized Equipment is rented, a copy of the rental invoice must be attached to the Contractor’s invoice when submitted for payment.
4. For Contractor-owned Specialized Equipment, the Contractor may charge the current rate that is charged by rental companies for the same type of equipment, provided that this rate is not higher than the Contractor’s current rate for usage of the equipment. To substantiate the Contractor’s requested rate, Contractor shall provide rental rate documentation from a minimum of two (2) rental companies.

VIII. Warranty:

Contractor shall submit a sample of their written Warranty prior to execution of work. Minimum warranty requirements are as listed:

The warranty for all aspects of labor shall be for a minimum of one full year, from the date project is completed and all previous contract obligations have been completely fulfilled by the contractor and acknowledged as such by TDOC.

The warranty for all materials shall be for a minimum of five years from the date project is completed and all previous contract obligations have been completely fulfilled by the contractor and acknowledged as such. In such cases as, unanticipated time constraints or otherwise unforeseeable project complications which may result in an extended time lapse between actual completion of coatings application and the successful completion of the entire construction...
The warranty for materials and labor associated with the coatings application shall become effective immediately upon final approval and acceptance by TDOC and the coatings material manufacturer in written format.

IX. **Contract Duration:**

The intent is for a one time purchase. Contractor should provide comprehensive warranty including service labor and materials for one year against all defects. The total time frame for this project will be no more than 15 working days. The contractor shall coordinate their schedule and have it approved by the Warden prior to starting the work. The schedule should indicate all working dates and show the number of hours per day the work crew will be onsite working inside the Facility on a daily basis. For the duration of the installation process, the flooring area will be off limits to all plant personnel, security, other tradesmen, and motorized vehicles. Areas will be required to be free from obstruction and debris before project start up may begin, this includes the removal of all equipment not permanent to the area, hoses and pumps, barrels and refuse receptacles, as well as any production staged materials not belonging. These areas may be replaced into service upon the completion of full cure (12 hrs.) exact schedule for installation should be the shortest time frame that the contractor can accommodate and get approved by the State.

X. **Additional Requirements and Responsibilities:**

Contractor to have professional skills, materials, equipment, and an inventory of parts that are necessary to fulfill scope of work.

During the work, the contractor will maintain a clean work area and upon completion of the job, the contractor will clean the area and remove all debris and trash from the work site. All work shall be performed in a workman-like manner.

Contractor shall coordinate the work of the project to the Facility Manager to ensure that the entire work project is carried out in an orderly, complete, timely and coordinated fashion.

All visits by the contractor’s staff shall be logged on-site upon arrival and departure of the facility. Name, Date, time in /out, location and short job description. Each service technician must sign-in and sign-out at the Maintenance Shop to verify their presence and length of stay. A service voucher/job ticket shall be left at job site documenting services rendered. This service voucher/job ticket shall be required as supporting documentation of services provided and to assist in expediting payment upon receipt of an invoice.

The contractor must provide Proof of Insurance and Department of Revenue to the Facility Manager when project is awarded. They must also provide a copy of Insurance.

A background check is required on every employee that visits the Institution. A form will be provided by the Facility Manager and it must be completed and returned before an employee can come on site.
XI. Minimum Qualifications:

The contractor shall be licensed in accordance with all industry, federal, state and local board(s) requirements.

XII. Security Requirements

The contractor is advised that this is a correctional institution and you are required to strictly abide by all Tennessee Department of Correction and West Tennessee State Penitentiary policies and procedures at all times. Deviations from these policies by the contractor or the contractor’s employees will not be tolerated and will be considered grounds for immediate contract cancellation.

Per TDOC policy 506.06, all persons and property are subject to search. Drugs, alcohol, firearms, ammunition, explosives and weapons are prohibited. Violators will be prosecuted.

TDOC policy 206.02 restricts and may prohibit the usage of cellular telephones at this Correctional facility. Use of cellular telephones while on state property must have the prior approval of the Warden. The Warden’s decision will be based on the contractor’s need to perform his/her job responsibility. Contractors have no guarantee that approval will be granted.

Contractors may request an orientation meeting at the beginning of the contract period to familiarize their staff with applicable security requirements.

XIII. Tobacco Free Facility:

West Tennessee State Penitentiary is a tobacco free facility. Any tobacco product(s) outside a secure vehicle will be considered contraband on state property. This rule applies to all staff, contractors & visitors.

Invoice Requirements:

Invoices for monthly service should be submitted within 30 business days.

Proof of Cost for Parts, Materials, Supplies, Equipment and Labor: All parts, materials, supplies and equipment will be billed at contractor's cost, minus any applicable sales or use tax pursuant to Tennessee Code Annotated section 67-6-209, plus fifteen percent (+15%) reference standard term & condition No. 24, titled "Taxes".

The contractor shall submit as backup documentation a copy of the original Purchase Invoice(s) as proof of cost for parts, materials, supplies & equipment. Supporting documentation shall include, but not be limited to time and attendance records as well as invoice for parts and/or materials and shall accompany each invoice submitted for payment.

Invoices will be sent by email to designated personnel.
XIV. Site Contact Information for West Tennessee State Penitentiary

Terry Sellers | Facility Manager
West Tennessee State Penitentiary
480 Green Chapel Road, Henning, TN 38041
PH: 731-738-1769
Terry.W.Sellers@tn.gov

Larry Jackson | Maintenance Parts Room
West Tennessee State Penitentiary
480 Green Chapel Road, Henning, TN 38041
PH: 731-738-1775
Larry.H.Jackson@tn.gov

Debra Cook | Procurement Officer
West Tennessee State Penitentiary
480 Green Chapel Road, Henning, TN 38041
PH: 731-738-1757 Fax: 731-738-5944
Debra.D.Cook@tn.gov

Maxine Covington | Accounts Payable
West Tennessee State Penitentiary
480 Green Chapel Road, Henning, TN 38041
PH: 731-738-1652
Maxine.Covington@tn.gov
Exhibit "A"

scope of work

4,820 sf