



Purchasing Department | 1600 Hampton Street, Suite 606 | Columbia, SC 29208 | (803) 777 4115

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|---|---|--|------------------------------------|
| Quotation must be received no later than: 11:00 AM 09/29/2017 | Send Quotation to above address at Attention of: Lana Widener | Solicitation Number: USC-RFQ-3202-LW | Posting Date: 09/20/2017 |
|---|---|--|------------------------------------|

Questions regarding this solicitation must be received no later than **09-25-2017 11:00 A.M.** Answers to vendor questions will be posted to the Purchasing Department’s website in an amendment to the solicitation:
purchasing@sc.edu

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. All Quotes must be signed by the vendor’s representative per the terms noted. Failure to comply with these instructions may result in disqualification of the quote.
2. Faxed (803) 777-2032 or E-mailed (llw@mailbox.sc.edu) Quotes are acceptable and preferred.
3. This solicitation conforms to the provisions of Procurement Code Section 11-35-1550.

| | | | |
|-----------------------|--|-----------------------------|--|
| Vendor Name | | | |
| Vendor Address | | | |
| Phone Number | | E-mail | |
| FEIN/SSN | | SC Minority Cert No. | |
| Print Name | | Signature | |

| Item | Unit | Description of Supplies | Total Price |
|-------------|-------------|---|--------------------|
| 1 | Lot | Furnish, Deliver and Install Access Flooring in Close Hipp Rooms 203 and 204 as specified. | \$ |
| | | Award will be made to one vendor. | |
| | | | |
| | | Buyer: Lana Widener E-Mail: llw@mailbox.sc.edu Phone: 803-777-4115 Fax: 803-777-2032 | |

TERMS AND CONDITIONS

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 of correction of materials furnished hereunder.

All materials and products offered must be guaranteed to meet and comply with the requirements of all specifications, terms, and conditions indicated in this solicitation.

Award will be made in accordance with Section 11-35-1550 of the South Carolina Consolidated Procurement Code.

The University reserves the right to: (1) reject any and all quotations and to cancel the solicitation; (2) waive any and all technicalities; (3) reject any quotation in which the delivery time indicated is of substantial length to cause disruption and/or delay in operation for which the item(s) is/are intended; (4) reject ambiguous quotations which are uncertain as to terms, delivery, quantity, or compliance with specifications.

The successful bidder 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 successful 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 solicitation, 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 offeror 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.

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.

QUESTIONS FROM OFFERORS

Any prospective offeror desiring an explanation or interpretation of the solicitation, drawings, specifications, etc., must request it in writing. Questions must be received by the Procurement Officer no later than **September 25, 2017 @ 11:00 AM**. Submit any communication regarding this solicitation to the Procurement Officer and include the solicitation number and description. Oral explanations or instructions will not be binding. Any information given to a prospective offeror concerning this solicitation will be furnished to all other prospective offerors as an Amendment to the solicitation if that information is necessary for submitting offers or if the lack thereof would be prejudicial to other prospective offerors. The State seeks to permit maximum practicable competition. Offerors are urged to advise the Procurement Officer as soon as possible regarding any aspect of this procurement, including this solicitation, that unnecessarily or inappropriately limits full and open competition.

Information for Submitting Questions

Buyer: Lana Widener

Solicitation: USC-RFQ-3202-LW

Title: Furnish, Deliver and Install Access Flooring in Close Hipp Rooms 203 and 204

E-mail Address: lw@mailbox.sc.edu

Fax Number: (803)777-2032

CODE OF LAWS AVAILABLE (JAN 2006): The South Carolina Code of Laws, including the Consolidated Procurement Code, is available at: <http://www.scstatehouse.gov/code/statmast.php> The South Carolina Regulations are available at: <http://www.scstatehouse.gov/coderegs/statmast.php> [02-2A040-2]

DEFAULT

The state may terminate this contract, or any part hereof, for cause in the event of any default by the contractor, or if the contractor fails to comply with any contract terms and conditions, or fails to provide the state, upon request, with adequate assurances of future performance. In the event of termination for cause, the state shall not be liable to the contractor for any amount for supplies or services not accepted, and the contractor shall be liable to the state for any and all rights and remedies provided by law. If it is determined that the state improperly terminated this contract for default, such termination shall be deemed a termination for convenience. 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.

IRAN DIVESTMENT ACT – CERTIFICATION (JAN 2015): (a) The Iran Divestment Act List is a list published by the Board pursuant to Section 11-57-310 that identifies persons engaged in investment activities in Iran. Currently, the list is available at the following URL: <http://procurement.sc.gov/PS/PS-iran-divestment.phtm> (.) Section 11-57-310 requires the government to provide a person ninety days written notice before he is included on the list. The following representation, which is required by Section 11-57-330(A), is a material inducement for the State to award a contract to you. (b) By signing your Offer, you certify that, as of the date you sign, you are not on the then-current version of the Iran Divestment Act List. (c) You must notify the Procurement Officer immediately if, at any time before posting of a final statement of award, you are added to the Iran Divestment Act List.

TERMINATION FOR CONVENIENCE – SHORT FORM (JAN 2006)

The Procurement Officer may terminate this contract in whole or in part, for the convenience of the State. In such a termination, the Procurement Officer may require the contractor to transfer title and deliver to the State in the manner and to the extent directed by the Procurement Officer: (a) any completed supplies; and (b) such partially completed supplies and materials, parts, tools, dies, jigs, fixtures, plans, drawings, information, and contract rights (hereinafter called “manufacturing material”) as the contractor has specifically produced or specially acquired for the performance of the terminated part of this contract. Upon such termination, the contractor shall (a) stop work to the extent specified, (b) terminate any subcontracts as they relate to the terminated work, and (c) be paid the following amounts without duplication, subject to the other terms of this contract: (i) contract prices for supplies or services accepted under the contract, (ii) costs incurred in performing the terminated portion of the work, and (iii) any other reasonable costs that the

contractor can demonstrate to the satisfaction of the State, using its standard record keeping system, have resulted from the termination. The contractor shall not be paid for any work performed or costs incurred that reasonably could have been avoided. As a condition of payment, contractor shall submit within three months of the effective date of the termination a claim specifying the amounts due because of the termination. The absence of an appropriate termination for convenience clause in any subcontract shall not increase the obligation of the state beyond what it would have been had the subcontract contained such a clause.

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. 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 - ADDRESS AND PHONE OF IN-STATE OFFICE:

Please provide the address and phone number for your in-state office in the space provided below. An in-state office is necessary to claim either the Resident Vendor Preference (11-35-1524(C)(1)(i)&(ii)) or the Resident Contractor Preference (11-35-1524(C)(1)(iii)). Accordingly, you must provide this information to qualify for the preference. An in-state office is not required, but can be beneficial, if you are claiming the Resident Subcontractor Preference (11-35-1524(D)).

- _____ In-State Office Address same as Home Office Address
- _____ In-State Office Address same as Notice Address **(check only one)**

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 – SC/US END PRODUCT (SEP 2009)

Section 11-35-1524(B)(4) provides a preference to vendors offering South Carolina end-products or US endproducts, if those products are made, manufactured, or grown in SC or the US, respectively. An endproduct 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 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).

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)]

PREFERENCES – BID SCHEDULE

All preferences must be claimed by initialing in the space provided in the bid schedule. Preferences are applied by line item whether the award is to be made by line item or lot. If you request a preference, you are certifying that your offer qualifies for the preference you have claimed. If you qualify for a preference but do not request it, you are not entitled to receive preference applications per 11-35-1524.

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. [11-35-1524(B)(4)]

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Procurement Officer immediately if, at any time before posting of a final statement of award, you are added to the Iran Divestment Act List.

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.sa.sc.edu/shs/hippa/>

PROTECTION OF HUMAN HEALTH AND THE ENVIRONMENT

The University of South Carolina requires that all contractual activities to be in compliance with local, state and federal mandates concerning “protection of human health and the environment”. In addition, the University of South Carolina is a “Drug Free Work Place” and requires all contractors to comply with South Carolina Code of Laws Section 41-15-10 ET sequence (1976 w/amendments). Any contractor doing business with the University will be required to document compliance with these mandates and to furnish specific information requested by the University’s Department of Environmental Health and Safety when notified to do so. The Contractor understands and agrees that jobsites are open at all times work is being performed by the Contractor to authorized University employees who have been trained to identify unsafe work conditions. The Contractor will immediately correct any deficiencies noted by these inspections when requested by the University’s Department of Environmental Health and Safety to do so. In work areas where a specific hazard is posed which includes but is not limited to lead paint and asbestos abatement projects, Contractors will be required to produce Lead Compliance Plans and Asbestos Project Designs which outline their method of work prior to the start of work. Each contractor shall designate a responsible member of the Contractor’s organization to be at the site whose duty shall be the prevention of accidents. By submission of this bid, the vendor agrees to take all necessary steps to insure compliance with the requirements outlined above.

STATE OFFICE CLOSINGS (JAN 2004): If an emergency or unanticipated event interrupts normal government processes so that offers cannot be received at the government office designated for receipt of bids by the exact time specified in the solicitation, the time specified for receipt of offers will be deemed to be extended to the same time of day specified in the solicitation on the first work day on which normal government processes resume. In lieu of an automatic extension, an Amendment may be issued to reschedule bid opening. If state offices are closed at the time a pre-bid or pre-proposal conference is scheduled, an Amendment will be issued to reschedule the conference. Useful information may be available at: <http://www.scemd.org/planandprepare/disasters/severe-winter-weather>

RELATIONSHIP OF THE PARTIES (JAN 2006): Neither party is an employee, agent, partner, or joint venturer of the other. Neither party has the right or ability to bind the other to any agreement with a third party or to incur any obligation or liability on behalf of the other party. [07-7B205-1]

VENDOR IDENTIFICATION

The University must have your Federal ID Number (company) or Social Security Number (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.

WARRANTY – STANDARD (JAN 2006): Contractor must provide the manufacture’s standard written warranty upon delivery of product. Contractor warrants that manufacturer will honor the standard written warranty provided.

SCOPE OF WORK / SPECIFICATIONS

The purpose of this solicitation is to acquire services and supplies complying with the enclosed description and/or specifications and conditions. After award, all deliveries shall be made and all services provided to the location specified by the University of South Carolina in its purchase order. Installation of goods will be coordinated with the University Representative.

It is the intent of the University of South Carolina to solicit bids to furnish, deliver and install Access Flooring in Close Hipp Rooms 203 and 204 as specified in accordance with all the requirements stated herein.

Specifications:

Access Flooring

PART 1 - GENERAL

1.01 Description

- A. Furnish, deliver and install access flooring to construct tiers in existing classrooms. The access floor system shall consist of interchangeable panels, understructure, and all labor, material, equipment, and installation as called for in the specifications and/or shown on the University Architect's Drawings (see attached sketches – 2 pages).
- B. Access floor manufacture shall be ISO9001:2000 certified demonstrating it has a robust and well documented quality management system with continual improvement goals and strategies.
- C. Access floor manufacturer's facilities shall be ISO14001:2004 certified demonstrating that they maintain an environmental management system.
- D. Access floor product must be indoor air quality certified to conform to CA Section 01350 Specification for classroom and standard office.
- E. Access floor product shall be manufactured in a zero landfill facility.
- F. Related Work:
 - 1. Concrete sealer (if required) must be chemically compatible with pedestal adhesive.
- G. Other requirements:
 - 1. Work must be completed by December 15, 2017; modifications to schedule to be approved by USC Project Manager.
 - 2. Installation must take place during standard business hours – Monday-Friday from 8:00 am to 4:30 pm. Installation dates must be scheduled with Project Manager approval.

1.02 Environmental Conditions for Storage and Installation

- A. The Contractor must provide a dry accessible area to receive and unload material with a free path to elevators, hoists, and/or the area receiving the access floor.

- B. Prior to and during installation, a secure and dry storage space closed to the weather must be made available for the access floor materials, with recommended environment at 40° F to 120° F and approximately 35% to 70% relative humidity, 24 hours a day during and after installation.
- C. The subfloor surface must be free of moisture, dust, dirt and other debris. Once installed, the access floor must be maintained in the same manner.

1.03 Design Performance and Certification of Product

- A. Provide access flooring system consisting of moveable assemblies composed of modular floor panels supported on pedestals forming accessible under floor cavities to accommodate electrical, mechanical, and HVAC services and complying with performance requirements specified. Raised Floor panels must be interchangeable with each other except where cut for special conditions.
- B. Where applicable load testing shall be performed according to “Recommended Test Procedures for Access Flooring” as established by the Ceiling and Interior Systems Construction Association (CISCA). These procedures shall be used as a guideline when presenting load performance product information.
 - 1. Concentrated Load: 1,250 lb. on one square inch (25mm) at any location with a top surface deflection not to exceed 0.10" (2.5mm), and a permanent set not to exceed .010" (.25mm).
 - 2. Uniform Load: With a top surface deflection not exceeding 0.040" (1mm) TecCrete can hold 600 pounds per square foot evenly distributed over the surface of the panel with a permanent set not exceeding 0.010"(0.25mm).
 - 3. Ultimate Load: Panel shall be designed to withstand a load of 1800 lb. per square inch minimum at weakest point.
 - 4. Rolling Load: Panels shall withstand a rolling load of 1,300 lbs. applied through a 3" (76mm) dia. x 1-13/16" (46mm) wide caster for 10 cycles over the same path with a maximum of .040" (1mm) top surface permanent set. Panels shall withstand a rolling load of 900 lb. applied through a hard rubber-surfaced wheel 6" (152mm) dia. x 2" (51mm) wide for 10,000 cycles over the same path with a maximum of .040" (1mm) top surface permanent set.
 - 5. Impact Load: A 150 lb. load dropped from 36"(914mm) onto a 1" square indenter shall not render the system unserviceable.
 - 6. Flammability: Bare panel system shall meet *Class A* requirements for Flame spread and smoke development when tested in accordance with ASTM-E84 and a maximum Flame spread of 25, Smoke development of 50 based on the average of three runs when tested in accordance with CAN/ULC S102.
 - 7. Combustibility: All components of the access floor system shall qualify as noncombustible by demonstrating compliance with requirements of ASTM E 136, Standard Test Method for Behavior of Materials in a Vertical Tube Furnace at 750 deg C.
 - 8. Recycled Content: Panel and understructure system shall be required to have a minimum recycled content of 50%.

9. Pedestal Axial Load Test: Provide pedestal assemblies without panels or other supports in place, capable of withstanding a 5000 lb (22 240 N) Axial load per pedestal, according to CISCA A/F, Section 5 “pedestal Axial Load Test.”
10. Verify requirements for pedestal overturning moment in seismic zones with authorities having jurisdiction. Coordinate with pedestals selected in Part 2 and method of attachment specified.
11. Pedestal Overturning Moment Test: Provide pedestal assemblies, without panels or other supports in place, capable of withstanding an overturning moment per pedestal of 1000 in*lb (113 N*m) when bonded to clean concrete slab according to CISCA A/F, Section 6, “Pedestal Overturning Moment Test.”

1.04 Country of Origin

- A. Access floor materials shall comply with the provisions outlined in FAR Subpart 25.2–Buy American Act–Construction Materials.

1.05 Submittals

- A. Samples: Submit a sample of the floor panel and each understructure component.
- B. Shop Drawings:
 1. Submit drawings showing raised floor panel layout including starting point of installation.
 2. Include details of component panels and pedestals. If required show edge details of ramps, steps, handrails and anchoring of pedestal bases to subfloor.
- C. Certificates:
 1. Submit independent testing organization certificates indicating compliance with specified design criteria when tested and reported according to CISCA “Recommended Test Procedures for Access Floors.”
 2. Submit seismic calculations if required in accordance with local and state building codes as specified. Calculations shall be performed using a current seismic program and submitted to a local structural engineer licensed in the state where the project is located. The structural engineer shall sign and seal these calculations confirming that these calculations meet all local and state codes for seismic pedestal assemblies. A signed copy of these calculations must be given to the architect and local building department as required.

1.06 Quality Assurance

- A. Installer: A company with minimum of 5 years’ experience in the installation of access floor systems of comparable size and complexity.
- B. Tolerances:
 1. Manufacturing tolerance:
 - a) Nominal panel size ± 0.015 " (.4mm) or less.
 - b) Panel flatness ± 0.020 " (.5mm) or less.
 - c) Panel squareness ± 0.015 " (.4mm) or less.
 - d) Panel interchangeability—all panels, except those modified to meet special conditions, shall be interchangeable.
 2. Installation Tolerance:

- a) Finished installation shall be level within ± 0.060 " (2mm) in 10 feet (3m) and ± 0.100 " (3mm) for the entire floor.

1.07 Project Conditions

- A. The Contractor and/or Owner shall provide a clean, level, dry subfloor, temperature controlled, and protected from the weather.
- B. Access flooring storage and installation areas shall be maintained at a temperature between 40° F to 120° F and between 35% and 70% relative humidity for 24 hours a day before, during and after installation.
- C. Overhead construction work must be completed before installing access floor to avoid damage to panels and finishes. Any damage to panels or finishes resulting from construction work done after floor is installed shall be the responsibility of the general contractor or others.

PART 2 - PRODUCTS

2.01 Materials

- A. Basis of Design: TecCrete by Haworth, Inc. located in Grand Rapids, MI 49512.
 1. Substitutions will be considered, providing the alternative products meet or exceed the feature requirements as indicated herein and the performance requirements including the rolling load as outlined in section 1.06 and receive prior written approval by the University Architect. The manufacturer shall certify that all panels meet or exceed the stated design criteria.
- B. Floor Panels: TecCrete 1250 lb Panels shall be integrated steel pan construction with exposed top surface of lightweight concrete fill. Floor Panels are bare corner-lock.
 1. Panels shall be nominal 24" (610mm) square x 1-1/8" (29mm) or 1/2" (38mm) deep, manufactured with galvanized steel pan having shear tabs that integrally bond to the lightweight, high-strength concrete fill. Panel corners shall be manufactured to receive the pedestal head positioning dome and containing a corner-lock/grounding insert. Each panel shall accept a flush-fit metal fastener which securely fastens each panel corner to the pedestal head.
 2. Panel Finish: Floor panel surface shall be factory standard bare concrete for field installed carpet tile. Panels shall have a maximum electrical resistance of 10 ohms or less from the top edge of the panel, less surface covering, to the understructure.
- C. Understructure:
 1. Pedestal assemblies shall be of hot-dip galvanized steel.
 2. The base shall be a minimum of 16 square inches and shall be stamped and/or embossed on its underside and shall be adhered to the sub floor with an adhesive recommended by the access flooring manufacturer.
 3. Where mechanical anchors are required for seismic zones, provide same as required by project specific seismic calculations.
 4. The threaded stud will be 3/4" (19mm) diameter steel.

5. The head assembly shall be designed so that the panels will be held in place with or without corner-lock fasteners.
6. Pedestal assembly shall provide an adjustment range of +/- 1" (25mm) when finished floor height is 6" (152mm) or more, adjustable at 1/64" (.4mm) increments.
7. The assembly shall provide a mechanical means to lock the floor in a level plane and adjustments shall be capable of being made without special tools.
8. For corner-lock system, the head of the all-steel assembly shall be designed to accept a metal fastener to mechanically lock the panels in place.
9. Pedestal assembly shall support not less than 6,000 lb. axial load and shall resist an average 1,000 inch-pound overturning moment when bonded to a clean concrete slab.

D. Accessories:

1. Furnish ramps, steps, lateral bracing, fascia, handrails, cutouts and miscellaneous items where indicated.

PART 3 - EXECUTION

3.01 Inspection

- A. Examine the subfloor which is to receive access flooring for dryness, cleanliness, unevenness, or any irregularities that will affect the quality of the access flooring.
 1. Verify that material storage and installation areas are at recommended temperature and relative humidity before, during, and after installation.
 2. Verify that substrate is level to within 1/8" (3mm) in 10 feet (3m).
- B. Do not commence installation of access flooring until subfloor is clean and dry, temperature controlled, and protected from the weather.

3.02 Installation

- A. Pedestal locations shall be established from approved shop drawings so that mechanical and electrical work can be installed without interfering with pedestal locations, as needed.
- B. Installer is to coordinate with other trades to maintain the integrity of the installed access flooring. All traffic on access floor shall be controlled by the installer only. No traffic other than the access floor installation crew shall be permitted on any floor area for 48 hours to allow the pedestal adhesive to set. Access floor panels shall not be removed by other trades for 72 hours after their installation.
- C. Floor system and accessories shall be installed by an authorized factory trained installation company with a minimum of five (5) years' experience.

- D. No dust or debris producing operations by other trades shall be allowed in areas where access floor is being installed to ensure proper bonding of pedestals to subfloor.
- E. Installer shall keep the subfloor broom clean as installation progresses.
- F. Finished installation shall be level within +/- 0.060" (2mm) in 10 feet (3m) and +/- 0.100" (3mm) for the entire floor area.
- G. Replace damaged materials prior to the application of field applied surfaces.
- H. The Contractor or Subcontractor shall assure compatibility between the concrete sealer and the pedestal adhesive provided by the access floor manufacturer.

3.04 Acceptance

- A. Contractor or Owner shall accept completed access floor in whole or in part, prior to allowing other trades to perform work which affects the installed access floor.
- B. Contractor shall suitably protect the accepted access floor and accessories from damage, contamination or overloading.
- C. The Contractor shall be responsible for the final underfloor cleaning.

END OF SECTION

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 w
- 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

USC-RFQ-3202-LW

| Item | Quantity | Unit of Measure | Description | Extended Price |
|-------------|-----------------|------------------------|--|-----------------------|
| 1 | 1 | LOT | Furnish, Deliver and Install Access Flooring as specified. | \$ _____ |

Resident Contractor Preference _____

2% Resident Subcontractor Preference _____

4% Resident Subcontractor Preference _____

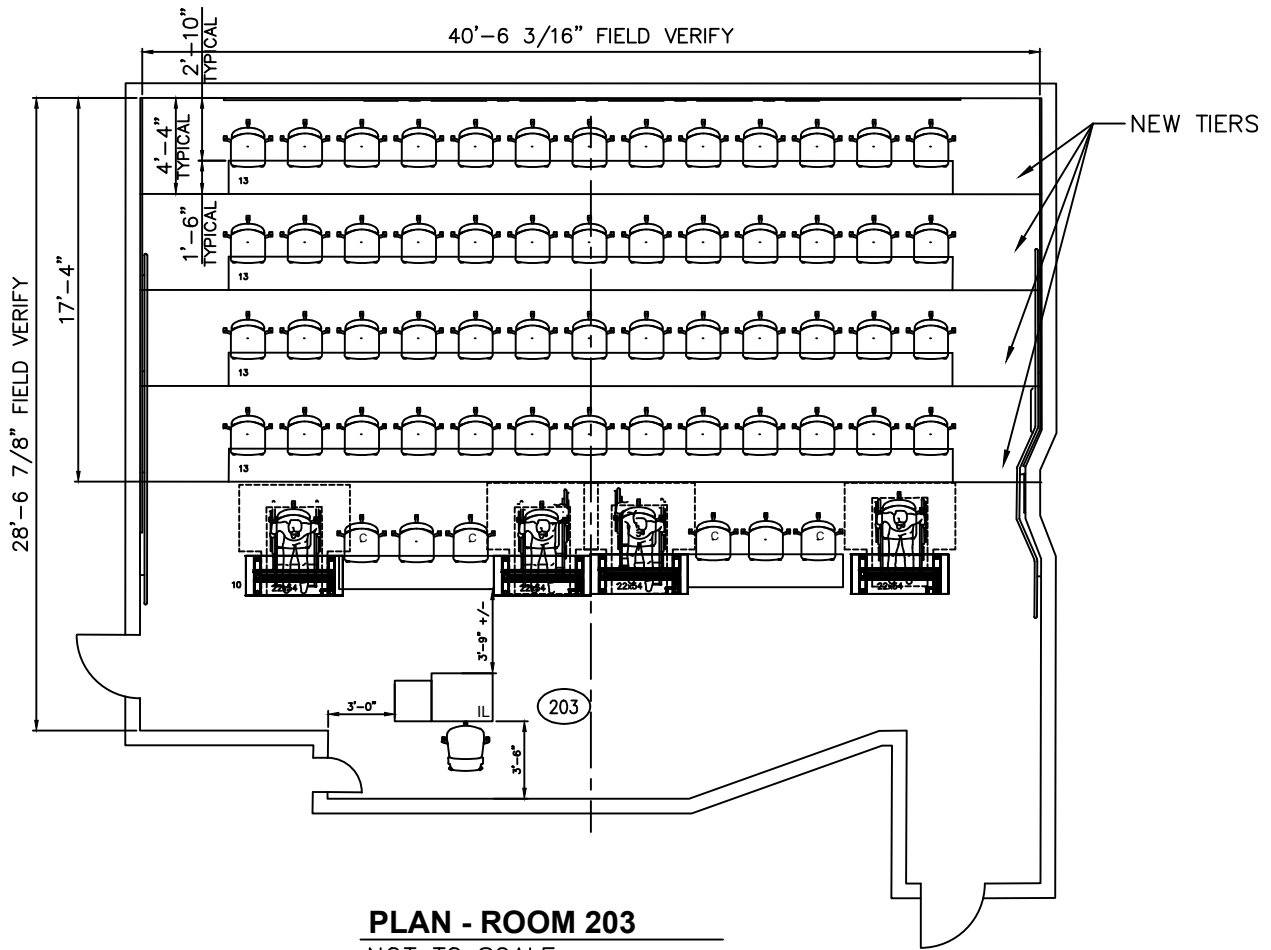
Number of Subcontractors _____

Number of Subcontractors _____

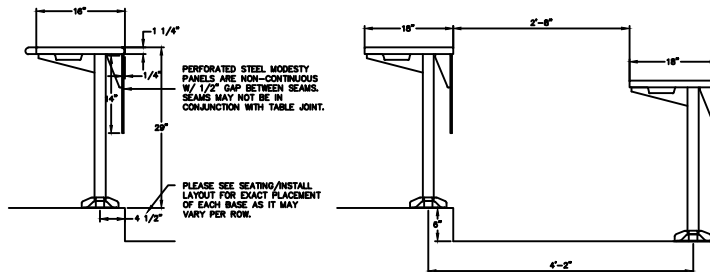
NOTE:

All preferences must be claimed by initialing in the space(s) for each lot provided above. Identify the number of subcontractors to be used in the space(s) provided above, if applicable. If you request a preference, you are certifying that your offer qualifies for the preference you have claimed. Please refer to the preference clauses listed in this solicitation to ensure that you qualify to select the above preferences. Bidder is to submit the following information in a separate document for the subcontractor preferences requested:

- 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.



PLAN - ROOM 203
NOT TO SCALE

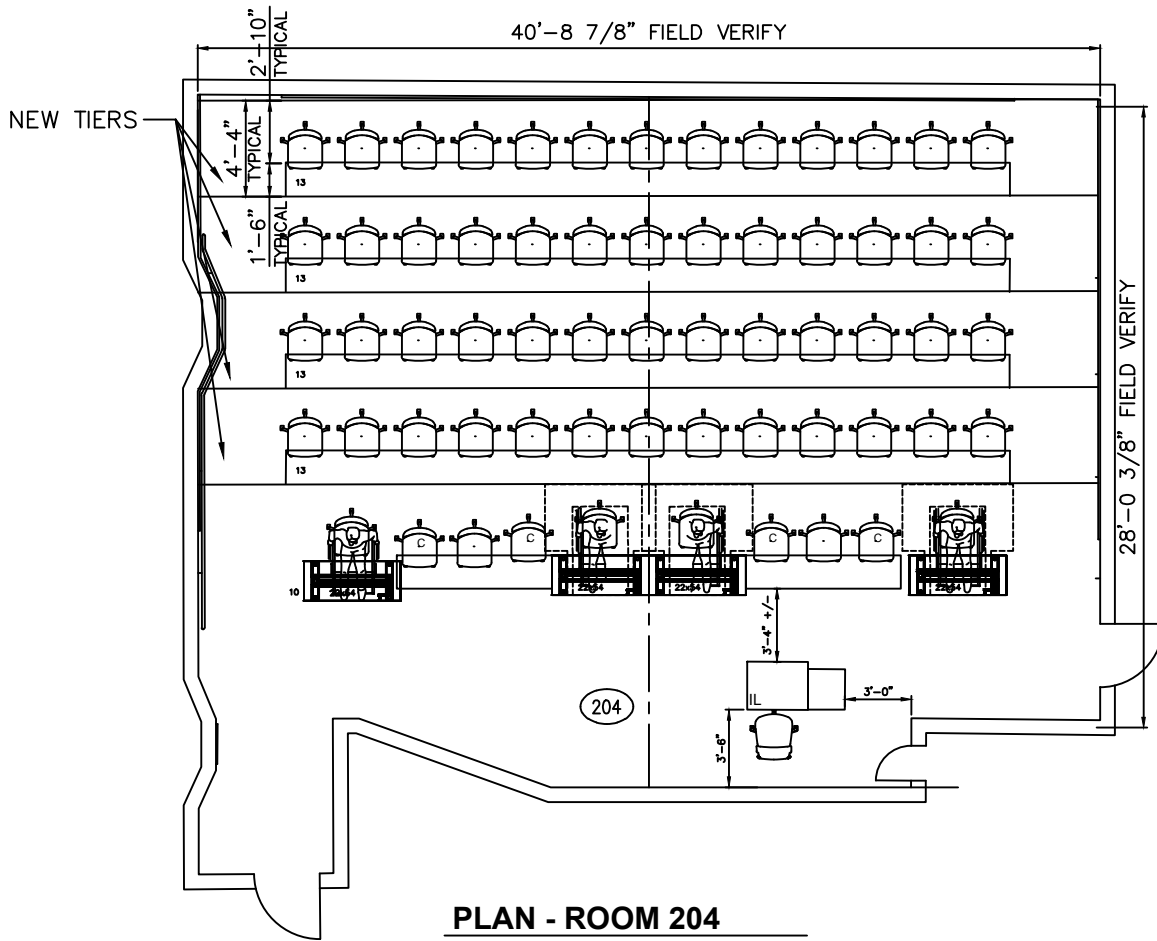


SECTION-TYPICAL
NOT TO SCALE

NOTES:

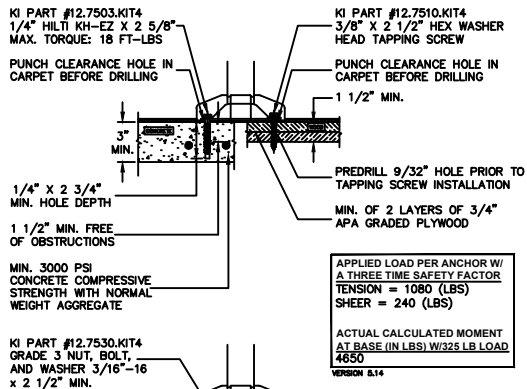
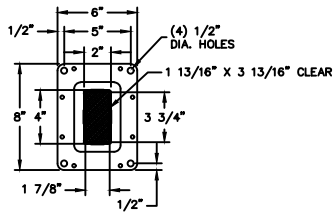
1. FURNITURE BY OTHERS; DETAILS FOR REFERENCE ONLY – TIERS MUST BE ABLE TO INTEGRATE STANDARD FURNITURE (SEMINAR TABLES BY KI).
2. EXISTING TIERS TO BE REMOVED BY UNIVERSITY OF SOUTH CAROLINA.
3. MATCH EXISTING RISER HEIGHT OF 6".
4. EXISTING FLOOR SLAB IS REINFORCED CONCRETE.

UNIVERSITY OF SOUTH CAROLINA
CLOSE-HIPP SECOND FLOOR RENOVATION
PROJECT NO. 50003227-2
9/14/2017



PLAN - ROOM 204
NOT TO SCALE

SEMINAR BASIC BASE PLATE



NOTES:

- FURNITURE BY OTHERS; DETAILS FOR REFERENCE ONLY - TIERS MUST BE ABLE TO INTEGRATE STANDARD FURNITURE (SEMINAR TABLES BY KI).
- EXISTING TIERS TO BE REMOVED BY UNIVERSITY OF SOUTH CAROLINA.
- MATCH EXISTING RISER HEIGHT OF 6".
- EXISTING FLOOR SLAB IS REINFORCED CONCRETE.

DETAILS FOR FURNITURE INSTALLATION-TYPICAL
NOT TO SCALE