

	<b>Aiken County School District</b>  <b>Invitation for Bid</b>	<b>Solicitation Number:</b> 21324	<b>21324</b>
		<b>Date Issued:</b>	<b>January 12, 2024</b>
		<b>Procurement Officer:</b>	<b>Kevin Chipman</b>
		<b>E-Mail Address:</b>	<b>KChipman@acpsd.net</b>

**DESCRIPTION:** 2024 INSTALLATION OF FLOORING AT J.D. LEVER ELEMENTARY SCHOOL

The Term 'Offer' Means Your "Bid" or "Proposal". Unless submitted on-line, your offer must be submitted in a sealed package. Solicitation Number & Opening Date must appear on package exterior. See "Submitting Your Offer" provision.

**SUBMIT YOUR SEALED OFFER TO EITHER OF THE FOLLOWING ADDRESSES:**

<b>MAILING ADDRESS:</b> Aiken County School District  61 Given Street Aiken, SC 29805	<b>PHYSICAL ADDRESS:</b> ACPSD- Facilities 61 Given Street Aiken, SC 29805
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**QUESTIONS MUST BE RECEIVED BY:** January 31, 2024 by 2:00 P.M.

**BIDS MUST BE RECEIVED NO LATER THAN 3:00 P.M. on February 13, 2024**

**NUMBER OF COPIES TO BE SUBMITTED:** One (1) original

<b>CONFERENCE TYPE:</b> Non - Mandatory Pre-Bid Conference <b>DATE &amp; TIME:</b> January 24, 2023 at 10:00 A.M. <small>(As appropriate, see "Conferences • Pre-Bid/Proposal" &amp; "Site Visit" provisions)</small>	<b>LOCATION:</b> J.D. Lever Elementary School 2404 Columbia Hwy Aiken, SC 29085
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**AWARD & AMENDMENTS** Amendments and Awards will be posted on the District's website at [www.acpsd.net](http://www.acpsd.net) (Department of Facilities Construction). It is the bidder's responsibility to check for amendments.

You must submit a signed copy of this form with Your Offer. By submitting a bid or proposal, You agree to be bound by the terms of the Solicitation. You agree to hold Your Offer open for a minimum of sixty (60) calendar days after the Opening Date.  
(See "Signing Your Offer" and "Electronic Signature" provisions.)

<b>NAME OF OFFEROR</b>  <small>(full legal name of business submitting offer)</small>	<small>Any award issued will be issued to, and the contract will be for-med with, the entity identified as the Offeror. The entity named as the offeror must be a single and distinct legal entity. Do not use the name of a branch once or a division of a larger entity if the branch or division is not a separate legal entity, i.e., a separate corporation, partnership, sole proprietorship, etc.</small>
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<b>AUTHORIZED SIGNATURE</b>  <small>(Person must be authorized to submit binding offer to contract on behalf of Offeror.)</small>	<b>TAXPAYER IDENTIFICATION NO.</b>  <small>(See "Taxpayer Identification Number" provision)</small>
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<b>TITLE</b>  <small>(Business title of person signing above)</small>	
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<b>PRINTED NAME</b>  <small>Printed name of person signing above)</small>	<b>DATE SIGNED</b>	<b>STATE OF INCORPORATION</b>  <small>(If you use a corporation, identify the state of Incorporator</small>
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<b>SOUTH CAROLINA MINORITY BUSINESS?</b>  YES _____ NO _____	<b>MINORITY CATEGORY</b>  _____  Traditional minority , woman, etc.)
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OFFEROR'S TYPE OF ENTITY: (Check one)		See "Signing Your Offer" provision
Sole Proprietorship	Partnership	Other
Corporate entity (not tax-exempt)	Corporation (tax-exempt)	Government entity (federal, state, or local)

PAGE TWO

Return Page Two with Your Offer

HOME OFFICE ADDRESS (Address for principal place of home office business)	NOTICE ADDRESS (Address to which all procurement and contract related notices should be sent.) (See "Notice" clause)
	Area Code - Number - Extension      Facsimile
	E-mail Address
PAYMENT ADDRESS (Address to which payments will be sent.) (See "Payment" clause)	ORDER ADDRESS (Address to which purchase orders will be sent) (See "Purchase Orders and "Contract Documents" clauses)
Payment Address same as Home Office Address	Order Address same as Home Office Address
Payment Address same as Notice Address (check only one)	Order Address same as Notice Address (check only one)

**ACKNOWLEDGMENT OF AMENDMENTS**

Offerors acknowledges receipt of amendments by indicating amendment number and its date of issue (See "Amendments to Solicitation" Provision)

Amendment No.	Amendment Issue Date	Amendment No.	Amendment Issue Date	Amendment No.	Amendment Issue Date	Amendment No.	Amendment Issue Date

DISCOUNT FOR PROMPT PAYMENT (See "Discount for Prompt Payment" clause)	10 Calendar Days (%)	20 Calendar Days	30 Calendar Days	Calendar Days (%)
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**PREFERENCES- ALL THE PREFERENCES MUST BE CLAIMED AND ARE APPLIED BY LINE ITEM, REGARDLESS OF WHETHER THE 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.**

PREFERENCES - ADDRESS AND PHONE OF IN-STATE OFFICE: Please provide the address and phone number for you in-state office in the space provided below. An in-state office is necessary to claim either the Resident Vendor Preference or the Resident Contractor Preference. 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

☐ In-State Office Address same as Home Office Address

☐ In-State Office Address same as Notice Address (Check only One)

# AIKEN COUNTY PUBLIC SCHOOLS

INVITATION FOR BID

PROJECT MANUAL

FOR

2024 Installation of Flooring at J. D. Lever Elementary School

BID DATE: February 13, 2024

Bid Number: 21324

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## **SCHEDULE OF PROGRESS**

January 24, 2024	10:00 a.m. Mandatory pre-bid conference J.D. Lever Elementary School, 2404 Columbia Hwy., Aiken, South Carolina 29805.
February 13, 2024	3:00 p.m. Bids received at Aiken County Public Schools Facilities Construction Dept., at 61 Given Street, Aiken, South Carolina 29805
February 28, 2024	Awarding of contract.

## INVITATION TO BID

The School District of Aiken County will accept bids for the **"2024 Installation of Flooring at J. D. Lever Elementary School."** **Sealed bids will be received by the Owner** at the Facilities Construction Department of the Aiken County Public Schools Operation Center Am: Facilities Construction Dept., at 61 Given Street, (2<sup>nd</sup> Floor) Aiken, South Carolina 29805, until 3:00 p.m. on February 13, 2024 at which time and place all bids will be publicly opened and read aloud. Performance and Labor/Material (Payment) Bonds along with notarized Power of Attorney will be required at 100% each, from the awarded Bidder.

Specifications and any addendums may be obtained from [www.acpsd.net](http://www.acpsd.net), click Department > Facilities Construction. If you have any questions before the pre-bid meeting specified below, please contact Jeremiah Jones by email, [jjones2@acpsd.net](mailto:jjones2@acpsd.net). **The non-mandatory pre-bid meeting will be held on January 24, at 10:00 a.m. J.D. Lever Elementary School, 2404 Columbia Hwy., Aiken, South Carolina 29805.**

All Contractors will be required to inspect the individual schools by contacting the Principal of J.D. Lever Elementary School, Kippy Kelly by email at [kkelly@acpsd.net](mailto:kkelly@acpsd.net), for a predetermined appointment after this meeting. Sign-in sheets will be available at the principal office. The Principal **CANNOT** answer questions concerning this bid package. All questions must be directed to the persons indicated below.

A Bid Bond or Certified Check for five percent (5%) of the base bid will be required. A valid Certificate of Insurance must also be submitted with the bid. The Owner reserves the right to reject any and/or all bids and to waive all technicalities and in formalities. No bid may be withdrawn for a period of sixty (60) days after opening. The Contractor bidding the project is responsible for reviewing any addendum prior to the bid by checking the Aiken County Public School web page. Additional information may be obtained by contacting Kevin Chipman, Director of Facilities Construction, Kevin Chipman at [kchipman@acpsd.net](mailto:kchipman@acpsd.net), Beth Clark at [bclark@acpsd.net](mailto:bclark@acpsd.net) or Jeremiah Jones, Coordinator of Facilities Construction, [jjones2@acpsd.net](mailto:jjones2@acpsd.net).

Bid Number: 21324

## **INSTRUCTIONS TO BIDDERS**

### **1.0 DEFINITIONS**

#### **1.1 BIDDING DOCUMENTS include:**

- Invitation for Bid
- Instructions to Bidder's
- Bid Proposal Form
- Proposed Contract Documents including any drawings and any addendum issued prior to the receipt of bids
- Bid Bond and notarized Power of Attorney
- Letters of References for similar sized projects

#### **1.2 CONTRACT DOCUMENTS include:**

- Project Manual
- Owner/Contractor Contract Agreement
- Contractor's Performance and Labor and Material Payment Bonds
- Conditions of the Contract General, Supplementary, and other Conditions
- All addendum issued prior to all modifications issued before execution of the contract.

- 1.3 UNIT BASE BID** is the sum stated in the bid for which the Bidder offers to do the work described in the bidding documents as the BASE, to which work may be added or from which work may be deleted for sums stated in Alternate Bids.

### **2.0 BIDDER'S REPRESENTATION**

#### **2.1 Each Bidder by making his/her bid represents that:**

- A. The Bidder has read and understands the bidding documents and his/her bid is made in accordance therewith.
- B. In receiving bids, it will be assumed that each Bidder has made a thorough inspection of all the existing conditions and is familiar with all conditions affecting the extent of cost of his/her work.
- C. Claims for extra payment as a result of failure to examine conditions at the site prior to submitting his/her bid will be rejected.

### 3.0 INTERPRETATION OR CORRECTION OF BIDDING DOCUMENTS

3.1 The Bidder's shall promptly notify Kevin Chipman, Director of Facilities Construction, at [kchipman@acpsd.net](mailto:kchipman@acpsd.net), Jeremiah Jones, Coordinator of Facilities Construction, at [jjones2@acpsd.net](mailto:jjones2@acpsd.net) or Beth Clark at [bclark@acpsd.net](mailto:bclark@acpsd.net) of any ambiguity, inconsistency, or error, which may be discovered upon examination of the bidding documents, or site conditions.

3.2 Any interpretation, correction, or change of the bidding documents will be made by an addendum. Interpretations, corrections, or changes of the bidding documents made in any other manner will not be binding, and the Bidder's shall not rely upon such interpretations, corrections, or changes.

### 3.3 BRAND NAME OR EQUAL

The items called for in this bid have been identified by a "Brand Name or Equal Description" such identification is intended to be descriptive, but not restrictive, and to indicate the Quality and characteristics of the products that will be satisfactory. Bids offering "equal" Products of the brand name manufacturer other than the one described by brand name, will be considered for award if such products are clearly identified in the bid response and are determined by the district to:

- A. Fully meet the prominent characteristics referenced in the bid or
- B. Fully meet materially all characteristics of the specified item in the bid, and that
- C. All materials and products offered must be guaranteed to meet the requirement of the specifications indicated, given, or referred.
- D. There will not be any consideration given for any request for additional compensation for alternate products or materials that is considered "as equal"

3.4 **BIDS WILL BE AWARDED** on base bid (item) or in total basis. Each base bid (item) must be priced as total of the item. If the item price does not include all items, then a total price and an individual item price must be furnished.

### 4.0 BIDDING PROCEDURE

4.1 Failure to submit a bid in the form requested or inclusion of any alternates, conditions, limitations, or provisions not called for will render the bid irregular and can be considered cause for rejection of the bid.



- 4.2 Any written insertions, alterations, or erasures of the bid must be initialed by the Signer of the bid. The bid proposal is to be either type written or made out in ink.
- 4.3 Bids are to be addressed as indicated on Form of Proposal and are to be enclosed and sealed in the envelope with the following information:
1. **Title of the project**
  2. **Bidder's name**
  3. **South Carolina Contractor/Specialty License Number**
  4. **Address**
  5. **Identified with the words "2024 Installation of Flooring at J.D. Lever Elementary School."**
- 4.4 The Bidders are cautioned that it is the responsibility of each individual Bidder to ensure that his/her bid is in the possession of the responsible official or his/her designated alternate prior to the stated time and at the place of bid opening. The Owner is not responsible for bids delayed by mail and/or delivery services of any kind. No bids transmitted by facsimile will be accepted. Bids, amendments thereto, or withdrawal requests received after the time advertised for bid opening will not be accepted.
- 4.5 No bid may be modified, withdrawn, or canceled by the Bidder for a period of sixty (60) days after bid opening.
- 4.6 Each bid shall be accompanied by a Bid Security Bond or Certified Check in the amount of not less than five percent (5%) of the total Base Bid, pledging that the Bidder will enter into a contract with the Owner on the terms stated in the bid. If a bid bond is submitted, it must be accompanied by a notarized Power of Attorney.
- 5.0 **CONSIDERATION OF BIDS**
- 5.1 **REJECTION OF BIDS**
- The Owner shall have the right to reject any or all bids, including any not accompanied by any required Bid Security insurance documents or by other data required by the bidding documents.
- 5.2 **ACCEPTANCE OF BID (AWARD)**

A. Award of Bid:

It is the intent of the Owner to award a contract to the lowest responsive and responsible Bidder provided the bid have been submitted in accordance with the requirements of the bidding documents and does not exceed the funds available. The Owner shall have the right to waive any informality or irregularity in any bid or bids received and to accept or reject the bid or bids, which in his/her judgment is in the best interest of Aiken County Public Schools.

B. Date for commencement and substantial completion:

The Contractor hereby agrees to deliver to the Owner two (2) executed copies of the "Contract Agreement" within seven (7) days from the date set forth in the Notice of Award. Notice to Proceed will **NOT** be issued to the Contractor until receipt of:

1. Executed "Contract Agreement"
2. Performance and Labor and Materials Payment Bond with Power of Attorney
3. Certificate of Insurance
4. Construction Progress Schedule

C. Qualifications — **Bidder's must comply with the following:**

1. Comply with all requirements of Local, State, and Federal laws.
2. Have a valid and current South Carolina Contractor/Specialty License, to perform this type work, commensurate with the requirements of the South Carolina State Licensing Board.
3. The Bidder's must be experience (5 yrs.) in carpet/vinyl floor installation of types indicated herein, or must demonstrate to the Owner that the Subcontractors he/she intends to use are experienced in the work required. A five (5) year minimum experience is required in projects of similar size and components. If the Owner feels the Bidder (or his/her subs) are not experienced and qualified, his/her bid may be rejected.
4. If awarded the Bidder fails to present proper paperwork, schedules, contract, and shop drawings within reasonable time

after award the Owner will give notice and award to the next lowest Bidder.

5. Local permits may be required in different municipalities in Aiken County, South Carolina.

### **5.3 WITHDRAWAL OF BIDS**

Bids may be withdrawn on written or telegraphed requests received from the Bidder's prior to the time fixed for the bid opening.

### **5.4 CONTRACTOR/SPECIALTY LICENSE**

Each Bidder is required to have a South Carolina Contractor/Specialty License before the bid opening date. This information will be displayed on the outside of the proposal envelope.

- 5.5 **IN CASE OF TIE BIDS**, the award will be determined according to the School District Procurement Code Section (v) (b) (2) (i).

## **6.0 INSURANCE**

### **6.1 CONTRACTOR'S LIABILITY INSURANCE**

- A. The Contractor shall purchase and maintain with a company or companies, acceptable to the Owner, such insurance as will protect him/her from claims set forth below which may arise out of, or result from, the Contractor's operations under the Contract, whether such operations are by him/her or by any Subcontractor or by anyone for whose acts any of them may be liable.
  1. Claims under workers or workmen's compensation, disability benefit, and other similar employee benefit acts;
  2. Claims for damages because of bodily injury, occupational sickness or disease or death of his/her employees;
  3. Claims for damages because of bodily injury, sickness or disease, or death of any person other than his/her employees;

4. Claims for damages insured by usual personal injury liability coverage, which are sustained;
    - (1) By any person as a result of an offense directly or indirectly related to the employment of such person by the Contractor; or
    - (2) By any other person;
  5. Claims for damages other than to the work itself because of injury to or destruction of tangible property, including loss of use resulting therefrom; and
  6. Claims for damages because of bodily injury or death of any person or property damage arising out of the ownership, maintenance, or use of any motor vehicle.
- B. The insurance required by paragraph "A" shall be written for not less than any limits of liability specified in the contract documents, or required by law, whichever is greater.
- C. Minimum limits of liability for the following types of insurance are required (B.I. = Bodily Injury; P.D. = Property Damage; limits are shown in thousands of dollars):
1. Workman's Compensation, including:
    - a. Workman's Compensation Insurance
    - b. Employer's Liability
  2. Comprehensive General Liability, including:
    - a. Premises and Operations \$500,000 B.I.: 100 P.D.
    - b. Contractor's Protective Liability \$500,000 B.I.: 100 P.D.
    - c. Products Liability, including completed Operations Coverage \$500,000 B.I.: 100 P.D.
  3. Comprehensive Automobile Liability, including:
    - a. All owned automobiles  
**\$250,000/\$500,000**B.I.: 100 P.D.
    - b. Non-owned automobiles  
**\$250,000/\$500,000**B.I.: 100 P.D.

- c.     Hired car coverage  
       \$250,000/\$500,000 B.I.: 100 P.D.

- D.     In addition to Contractual Liability including indemnification provision, Bodily Injury and Property Damage coverage under both Comprehensive General and Comprehensive Automobile forms shall include "occurrence" basic wording, which means an event or continuous or repeated exposure to conditions, which unexpectedly causes injury or damage during policy period.
- E.     The Contractor shall either (a) require each of his/her Subcontractor's to procure and maintain during the life of his/her sub-contract Subcontractor's Comprehensive General Liability, Automobile Liability, and Property Damage Liability Insurance of the type and in the same amounts as specified in this sub-paragraph, or (b) insure the activities of his/her Subcontractor's in his/her own policy.
- F.     A copy of a valid Certificate of Insurance acceptable to the Owner shall be submitted with bid. The Certificate must have the signature of a responsible officer of the insurance company. The Certificate must have valid dates covering the time that work is to be performed in. The insurance company must be rated no lower than "A" in A.M. Best. The Certificate shall contain a provision that coverage afforded under the policies will not be canceled until at least thirty (30) days prior written notice has been given to the Owner.

## **7.0 TIME/COMPLETION SCHEDULE**

- 7.1     The Owner, in order to schedule project usage, must have definite schedule of Completion time from the Contractor, therefore, the successful Contractor is expected to submit a construction schedule for approval that assures that the substantial completion time agreed upon and detailed below is met. The contract will not be awarded to the Contractor until this construction schedule has been received and approved by the Owner.

### **7.2 THE TIME OF COMPLETION (SUBSTANTIALLY COMPLETE)**

Due to the year round academic schedule completion date will be established by owner and contractor upon receiving the award.

- 7.3     Should the Contractor fail to complete the work within the specified time, he/she agrees to pay and authorize the Owner to retain the sum of Two Hundred and Fifty Dollars (\$250.00) per calendar day that the work remains incomplete.

- 7.4 These sums are agreed upon as proper measure of liquidated damages, which the Owner will sustain per calendar day, by failure of the Contractor to complete the work by the time stipulated above. This sum is agreed to by both parties, and in no way construed as a penalty.

## **8.0 PROGRESS PAYMENTS**

Based upon applications for payment submitted to the Owner by the Contractor, the Owner shall make progress payments up to ninety-six and half percent (96 1/2 %) of the contract price, to the Contractor.

## **8.1 RETAINAGE**

The Owner will retain three and half percent (3 1/2%) of the total contract price until the project is complete, all punch list items are complete, and the Owner accepts the project.

## **9.0 PROJECT CLOSEOUT**

### **9.1 RELATED DOCUMENTS**

All drawings, specifications, and general provisions of Contract, including General and Supplementary Conditions. AIA Documents: A1 07 Instructions to Bidders, AIA Document A 133-2009 Contract, AIA G702 Pay App, AIA G706A-1994 Release of Liens, AIA G707 Final Payment, and AIA G706-1994 Payment of Debts and Claims.

### **9.2 DESCRIPTION OF REQUIREMENTS**

#### **A. Definitions:**

Closeout is hereby defined to include general requirements near end of Contract Time, in preparation for final acceptance, final payment, and normal termination of contract, occupancy by the Owner and similar actions evidencing completion of the work.

#### **B. All close-out documents required by the Contractor are noted on the attached checklist (SEE BELOW)**

## AIKEN COUNTY PUBLIC SCHOOLS PROJECT CHECKLIST

It is the responsibility of the Architect/Engineer and Contractor to provide the Owner with the documentation on this list. The Owner will not release final payment to either party until receipt of documents.

SCHOOL(S). J.D. Lever Elementary School

ARCHITECT/ENGINEER,

PROJECT "2024 Installation of flooring at J.D. Lever Elementary School"

DOCUMENTATION	RESPONSIBILITY OF:	RECD	COMMENTS
AFFIDAVIT OF ADVERTISEMENT WITH CLIPPING (S.C. NEWSPAPERS & BUSINESS OPPORTUNITIES)	Owner		
BID PROPOSAL FORM, INCLUDING, AS REQUIRED:	Owner		
LIST OF SUBCONTRACTORS	Owner		
BIDDER'S LICENSE #	Contractor		
CONTRACTOR'S LICENSE #	Contractor		
ASBESTOS ABATEMENT LICENSE #	Owner		
DRUG-FREE WORKPLACE STATEMENT	Owner		
CERTIFICATE OF INSURANCE (Workman's Compensation and General Liability)	Owner		
BID BOND OR BID SECURITY (5%) POWER OF ATTORNEY FOR BID BOND	Owner		
BID TABULATION SHEET	Owner		
16 DAY INTENT-TO-AWARD NOTICE TO ALL BIDDERS FOR PROJECTS OVER \$50,000	Owner		
BOARD MINUTES OF BID APPROVAL AND AWARD	Owner		
PERFORMANCE BOND	Contractor		
LABOR AND MATERIALS PAYMENT BOND	Contractor		
GENERAL POWER OF ATTORNEY FOR BONDS	Contractor		
NOTICE OF AWARD/NOTICE TO PROCEED	Owner		
SIGNED CONTRACT	Owner		
PURCHASE ORDERS	Owner		

<b>AIKEN COUNTY SCHOOL DISTRICT PROJECT CHECKLIST (CONTINUED) DOCUMENTATION</b>	<b>RESPONSIBILITY OF:</b>	<b>REC'D</b>	<b>COMMENTS</b>
BUILDER'S RISK POLICY	Owner		
CERTIFICATE OF SUBSTANTIAL COMPLETION	Owner		
AGENCY INSPECTIONS (I.E., DHEC, FACILITIES MGT., ETC.)	Owner		
"NO ASBESTOS" CERTIFICATION	Contractor		
FINAL INSPECTION & PUNCHLIST	Owner		
ROOF WARRANTIES	Contractor		
GENERAL CONTRACTOR'S WORKMANSHIP & MATERIAL WARRANTY	Contractor		
SUBCONTRACTOR'S WORKMANSHIP & MATERIAL WARRANTY	Contractor		
OTHER WARRANTIES	Contractor		
O & M MANUALS	Contractor		
O & M TRAINING STATEMENT	Contractor		
LIST OF SUBCONTRACTORS BY SPECIALTY, INCLUDING ADDRESSES AND TELEPHONE NUMBERS	Contractor		
SEPARATE RELEASE OR WAIVERS OF LIENS FROM SUBCONTRACTORS AND SUPPLIERS	Contractor		
CONSENT OF SURETY TO FINAL PAYMENT (AIA FORM G707)	Contractor		
CONTRACTOR'S AFFIDAVIT OF PAYMENT OF DEBTS & CLAIMS (AIA FORM G706)	Contractor		
CONTRACTOR'S AFFIDAVIT OF RELEASE OF LIENS (AIA FORM G706A)	Contractor		
CONTRACTOR'S RELEASE OR WAIVER OF LIENS CONDITIONAL UPON RECEIPT OF FINAL PAYMENT ON CONTRACTORS LETTERHEAD)	Contractor		
CHANGE ORDERS	Owner		
AS-BUILT DRAWINGS PERMANENT INSURANCE POLICY	Owner		



### 9.3 PREREQUISITES TO SUBSTANTIAL COMPLETION

#### A. General:

Prior to requesting the Owner's inspection for certification of substantial completion for the entire work, the Contractor must complete the following and list known exceptions in this request:

1. Progress payment request coincident with the first following date claimed, showing either 100% completion for portion of work claimed as "substantially complete" or list incomplete items, value of incompleteness, and reasons for being incomplete.
2. Include supporting documents necessary for completion as indicated in these contract documents.
3. Advise the Owner of pending insurance change over requirements.
4. Submit specific warranties, workmanship/maintenance bonds, maintenance agreements, final certifications, and similar documents. The Contractor shall provide the Owner with a product warranty guarantee. This shall guarantee that work and materials will be free from defects for one (1) year from date of substantial completion of project, and that this guarantee covers both materials and workmanship, and that any defect will be repaired or replaced promptly without further costs to the Owner. Final payment of three and half percent (3 ½%) retainage will not be released by the Owner until receipt of these documents, and all other required close out documents, including receipt of final lien waivers from manufacturers and Subcontractor's.
5. Where appropriate, the Contractor is to furnish the Material Safety Data Sheet" (OSHA-20) for any material as required by OSHA standards.
6. Submit maintenance manuals and any other related information.
7. Complete final clean up requirements.
8. Touch up and otherwise repair and restore marred exposed finishes.

#### B. Inspection Procedures:

Upon receipt of the Contractor's request, the Owner will either proceed with inspection or advise the Contractor of prerequisites that are not fulfilled. Following initial inspection, the Owner will either advise the

Contractor that work is substantially complete and accepted, or advise the Contractor of work, which must be performed prior to final acceptance. Results of completed inspection will form initial "punch list" for final acceptance.

#### **9.4 PREREQUISITES FOR FINAL ACCEPTANCE & FINAL PAYMENT**

**A. General:**

Prior to requesting Owner's final inspection for certification of final acceptance and final payment, as required by General Conditions, complete the following and list known exceptions in request:

1. Submit final payment request with final releases and supporting documentation not previously submitted and accepted.
2. Submit final lien waiver from manufacturers and Subcontractor's.
3. Submit updated final request for payment, accounting for additional (final) changes to Contract Sum that have previously been approved.
4. Submit copy of the Owner's final punch list of itemized work corrected, stating that each item has been completed or otherwise resolved for acceptance by the Owner. Punch list items shall be completed within ten (10) calendar days.

**B. Re-inspection Procedures:**

1. Upon receipt of the Contractor's notice that work has been completed, including the completion of punch list items resulting from earlier inspection, and accepting incomplete items delayed because of acceptable circumstances, the Owner will re-inspect work. Upon completion of reinspection, the Owner will advise the Contractor of work not completed or obligation not fulfilled as required for final acceptance. If necessary, procedure will be repeated.
2. The Owner will make one (1) visit to the site for final inspection of the work to prepare punch list of discrepancies. A second visit will be made to the site to review the punch list after being notified, in writing, by the Contractor that 100% of the punch list items have completed. If there are remaining items on the punch list that are incomplete because of circumstances beyond his/her control, the Contractor shall itemize these in detail.

- C. **The School District of Aiken County will pay approved invoices and request for payment within thirty-one (31) days after satisfactory completion and acceptance of the project.** Only after this time will late payment charges assessed by the Contractor be honored.

## **10.0 SCOPE OF WORK**

A. **J .D. Lever Elementary School:**

1. Replace the existing carpet in the rooms that have been provided from page forty three (43) of specifications. (Highlighted Blue)
2. Replace the existing VCT (Highlighted Yellow) with one (1) field color as specified in the LVT Section 21.00 Products: LVT Tile in the hallway that have been provided from page forty three (43) of the specifications. The LVT must line up with top of the cleanout plates.
3. Replace the existing cove base in all areas of the school where the existing carpet or VCT is being removed with the specified cove base.
4. Replace the existing carpet or VCT in (2) mobiles that have been provided from page thirty-nine (39) of specifications. Remove and reinstall two toilets after LVT is installed.
5. Restrooms 617,614,612 and 521 remove 10 toilets. Scarify ceramic tile and apply epoxy flooring according to section 096723 specifications. After completion, reinstall toilets.

- B. The Contractor may choose CSRA Testing for existing concrete moisture testing prior to installing the floor material. The Owner will be notified in writing of the results before the work starts.

## **11.0 DESCRIPTION OF WORK: Installation of Carpet, LVT, Cove Base and Accessories**

A. **General:**

1. The base bid includes: the removal of existing flooring and cove base, testing (moisture & adhesion), prep of subflooring, installation of carpet and/ or Luxury Vinyl Tile (LVT) with rubber cove base.
2. The Contractor is responsible for the moving and replacing of all furniture; they must also remove the furniture prior to the abatement.

Contractors abating if necessary. (The Owner will remove the computers from computers labs. The computer tables will be wired together and left in the rooms for the installers to move during carpet installation.)

3. The Contractor is responsible for the removal of all cove base by scoring and pulling top of cove base downward to avoid tearing sheetrock paper on the top side of the gypsum walls. The Contractor will be responsible for floating and touch up paint if needed on all CMU and gypsum board wall areas after cove base is removed plus the installation of new cove base in floored areas. It is the Contractor responsibility to patch the damaged sheetrock before installing the cove base, so the cove base lays flush with the wall. **In areas to be abated, the cove base needs to be removed prior to the start of abatement if necessary. (N/A)**
4. The Contractor shall provide a dumpster for debris and coordinate location of that dumpster with the Owner.
5. The Contractor is responsible to ensure that areas of work are secured (doors not left open and project unattended). As well as daily, clean up.
6. Smoking and/or the use of tobacco products is not permitted on school property.
7. The Contractor will perform adhesion tests on subfloor following the abatement and prior to the abatement Contractor's completion of the project **if necessary.**
8. The Contractor is solely responsible for insuring that all existing conditions are prepared satisfactorily to receive the new flooring and to determine the amount of materials needed to complete the project.
9. The Contractor must show past experience of five (5) years minimum with the type of materials proposed and of commercial installation of this magnitude and scope. (The Owner reserves the right to disqualify the Contractor on the grounds of lack of experience or any other discernable points).
10. All materials used are to be warranted by the manufacturer and the Contractor for a period of one (1) year after completion and acceptance by the Owner. All workmanship and installation including loss of adhesion to the substrate, whether caused by moisture, alkaline or hydrostatic pressure, or lack of proper preparation, or for any other reason not clearly caused by others. This warranty will cover removal

and replacement of the defective areas including costs for new materials as per manufacturer's warranty. All cost for reinstallation during this period to be covered under this warranty regardless of the manufacturer's participation. The warranty to be a letter signed by the Contractor.

11. The Contractor will need to coordinate with the Principal and Facilities Department their schedule of work and access to the building. The Contractor will coordinate with the Principal to have the building unlocked before work begins and to have the building secured at the end of the workday.
12. The Contractor will need to remove and install the toilets where the existing VCT has to be replaced and LVT installed.

B. Existing Conditions:

It shall be the responsibility of the Contractor to familiarize himself/ herself with all existing conditions at the site which affects his/her work or which would be affected by his/her work. Conditions existing at the time of inspection for bidding purposes will be maintained by the Owner as far as practicable.

- C. Drawings and notes showing square footage, room numbers, and comments are attached for information only, actual conditions may vary, and it is the Contractor's responsibility to inspect all areas and note problems prior to bid.

## 12.0 SCHEDULE

A. Schedule of Work:

Upon receipt of contract with the Owner, the Contractor shall establish and submit a schedule prior to award and assume responsibility for all items of installation until such work is completed and accepted. School year hours are Monday thru Friday (7:30 a.m. - 4:00 p.m.) and summer work hours are Monday thru Thursday (7:00 a.m. - 5:30 p.m.) for Aiken County Public Schools. The School District will be attending school year-round starting January 1, 2024. The School District summer vacation is five (5) weeks from June 3<sup>rd</sup> to July 15<sup>th</sup>. The flooring project may require the contractor to work nights, weekends, school breaks or holidays to complete the flooring project. No flooring work can be done during the day while students are in the construction area.

## 13.0 ENVIRONMENTAL CONDIT10N

A. General:

Perform construction in such manner as to eliminate hazards to persons and property; and to minimize interference with use of adjacent areas, utilities, and structures of interruption of use of such facilities; and free passage to and from such adjacent areas of structures.

B. Asbestos:

1. Prior to beginning work, the Contractor will review the Asbestos Management Plan and consult with Jeremiah Jones, Coordinator of Facilities Construction, jjones2@acpsd.net.
2. During the course of the project, should suspect material be uncovered that is not addressed within the Project Plans and Specifications or the School's Management Plan, the Contractor will:
  - a. Stop work in this area and not disturb the material.
  - b. Contact the Coordinator of Facilities Construction for further instruction.
  - c. Other Requirements:
    1. Provide safeguards include warnings, barricades, temporary fences, warning lights, etc. that are required for protection of personnel during installation process.
    2. Clean adjacent structures and improvement of dirt and debris caused by operations to existing prior to this work.
    3. The Contractor shall not use existing toilet facilities, but will furnish his/her own portable outside toilet facilities for his/her work force and Subcontractor's.
    4. Appropriate dress is required-shirt with sleeves and no foul language allowed on school property.
3. Upon completion of project, the Contractor will provide certification that no asbestos containing materials were used.

C. OSHA Standards:

Where appropriate the successful vendor must furnish with each order the Material Safety Data Sheet (OSHA-20) for any material as required by OSHA standards.

#### 14.0 PRODUCT DELIVERY, STORAGE, AND HANDLING

In a manner to prevent, damage before, during, and after installation, until acceptance by the Owner. The Owner will not accept deliveries of materials that is the Contractor's responsibility.

#### 15.0 QUALITY ASSURANCE

- A. Installation shall be in accordance with the latest applicable codes and requirements, and in accordance with manufacturer's installation instructions.
- B. All materials shall be new and as specified and shall not be submitted unless approved by the Owner.

#### 16.0 CLEAN-UP

The Contractor is responsible for removing all debris from the school on a daily basis. The Contractor shall not use the school janitor sinks or dumpsters. The Contractor will provide his/her own trash dumpster. The Contractor is responsible for thoroughly cleaning the construction areas. Any damage to surrounding or adjacent equipment, furniture, or building will be repaired by the Contractor to the satisfaction of the Owner. All equipment, walls, and floors will be restored to their original condition prior to the commencement of the project. Schools custodians are not responsible for clean up behind the Contractor's work.

#### 17.0 ALLOWANCE

- A. Provide allowance for the items listed in this specification. Allowances shall be included in the total **BASE BID**.
- B. The Contractor's mark up, labor burden, overhead and profit, and all other costs for the allowances shall be included in the lump sum base bid not identified in the drawings or specifications. No processing fees, office supplies, handling fees, other fees or cost is prohibited. Any allowances leftover will be returned as a credit change order at the completion of the job to the Owner.
- C. Allowance amounts are only for components and scope of work not identified on the plans or not specifically listed as an allowance.
- D. The Contractor shall include in his/her **BASE BID A** the lump sum allowance of **\$30,000.00** for additional scope of work at J.D. Lever Elementary School. All of the Contractor's cost relating to the allowance items other than the actual purchase should be included in the base bid and not in the allowance. Any unused allowance at the completion of the job will be returned to the Owner.

- E. The Contractor shall include in his/her **ALTERNATE 1 Bid** the lump sum allowance of **\$5,000.00** for additional scope of work at J.D. Lever Elementary School to install flooring in all mobiles. All of the Contractor's cost relating to the allowance items other than the actual purchase should be included in the base bid and not in the allowance. Any unused allowance at the completion of the job will be returned to the Owner.
- F. The Contractor shall include in his/her **ALTERNATE 2 Bid** the lump sum allowance of **\$5,000.00** for additional scope of work at J.D. Lever Elementary School to install flooring in all mobiles. All of the Contractor's cost relating to the allowance items other than the actual purchase should be included in the base bid and not in the allowance. Any unused allowance at the completion of the job will be returned to the Owner.

## **18.0 SPECIFICATIONS FOR: "2024 Installation of Flooring at J.D. Lever Elementary School"**

### **18.1 GENERAL NOTES**

- A. These drawings are to be used as a general guide only. They do not depict all existing spaces, exact layout, or size, nor are they drawn "to scale".
- B. The Contractor is responsible for each space and/or room on-site and determining the existing conditions, the size of each space, the amount of materials required, and the amount of work required completing the project.
- C. The intent of this project is to: Install flooring at J.D. Lever Elementary School where noted on the drawings.
- D. The Contractor must comply with all applicable codes, the state Department of Education is Office of District Facilities Management, OSHA standards, and must furnish to the Owner Material Safety Data Sheets (OSHA-20) for all materials furnished.
- E. It is the Contractor's responsibility to inspect the school prior to the bid to note and address problem areas. (Note existing cleanout plates and covers or lack of covers is the Contractor's responsibility.) After the removal of all existing carpet, VCT Tile, and clean out plates the 3' diameter surrounding the clean out plates floor will be properly prepared by removing concrete and floating with Ardex feather light leveling compound so the top of clean out plate equals top of the carpet or LVT Tile as needed.



- F. The Contractor will be responsible for proper floor preparation, cleaning, and as recommended by manufacturer installation instructions.
- G. All floors after the removal of existing materials will be cleaned or sanded to remove glue or loose patch. All new LVT flooring areas will be floated 100% with Ardex feather light leveling compound and inspected by the Owner prior to installing new LVT. All new carpet bad areas will be patched only with ARDEX.
- H. Base Bid A: 1) J.D. Lever Elementary add \$30,000.00 allowance to base bid. This shall be included in the total bid for J.D. Lever Elementary. 2) The Contractor's mark up, labor burden, overhead and profit, and all other costs for the allowance shall be included in the lump sum base bid for scope not identified in the drawings or specifications. No processing fees, office supplies, handling fees, other fees or costs are permitted. Any dollars left over will be returned as credit Change Order at completion of the project to the Owner.
  - 1. Alternate 1) J.D. Lever Elementary add \$5,000.00 allowance to base bid. This shall be included in the total bid for J.D. Lever Elementary. 2) The Contractor's mark up, labor burden, overhead and profit, and all costs for the allowance shall be included in the lump sum base bid scope not identified in the drawings or specifications. No processing fees, office supplies, handling fees, other fees or costs are permitted. Any dollars left over will be returned as credit Change Order at completion of the project to the Owner.
  - 2. Alternate 2) J.D. Lever Elementary add \$5,000.00 allowance to base bid.

## 18.2 TECHNICAL SPECIFICATIONS

### A. Submittals:

- 1. Samples of each type, color, and finish of LVT flooring, carpet, and accessories are required when schedules and completion dates are submitted for approval.
- 2. Maintenance Instructions: Submit copies of manufacturer's written instructions for recommended maintenance practices of each type of resilient flooring, carpet, and accessories.

### B. Job Conditions:

1. Maintain minimum temperature of 65°F in spaces to receive resilient flooring for at least forty-eight (48) hours prior to installation and not less than forty-eight (48) hours after installation as recommended by flooring manufacturer.
2. The Contractor is responsible for notifying the Owner if floor substrate is not per manufacturer or specification tolerance or other imperfections exist which will result in improper performance of floor finish.

**C. Contractor's Responsibility:**

1. The Contractor must visit the sites, inspect the existing conditions, measure or otherwise determine the amount of materials required, and to clean/remove/repair all existing flooring materials, and repair the flooring substrates and the sub-floors as required to receive the new flooring materials, remove all existing cove base. All existing floor mounted doorstops are to be removed and voids or holes filled and smoothed over to receive the new flooring.
2. The Contractor will test for moisture and bonding conditions. Install all new flooring materials and base.

It is intended that the new LVT be installed directly to the sub-floor, and shows no evidence of moisture or loose substrates, and all indentations or damaged areas have been replaced or repaired to prevent show-through or shadowing.

3. The Contractor is solely responsible for insuring that all existing conditions are prepared satisfactorily to receive the new flooring, and to determine the amount of materials needed to complete the project. (The drawings indicate only in general terms the extent of the work. The Contractor must examine the entire site, make his/her own measurements, and determine the mount of materials required, then perform the work as described in these specifications.)

**D. Quality Assurance:**

The Contractor must show past experience with the type of materials proposed and of commercial installations of this magnitude and scope but minimum five (5) years' experience with schools or commercial buildings of this size. (The Owner reserves the right to disqualify the Bidder on the grounds of lack of experience or any other discernable points.)

E. Warranty (LVT/Vinyl Base) and Carpet:

All materials used are to be warranted by the manufacturer and the Bidder to provide the Owner with warranty for a period of one (1) year after final completion and acceptance by the Owner. All workmanship and installation including loss of adhesion to the substrate, whether caused by moisture, alkaline or hydrostatic pressure, or lack of proper preparation, or for any other reason not clearly caused by others. This warranty will cover removal and replacement of the defective areas including costs for new materials as per manufacturer's warranty outlined above. All costs for reinstallation during this period to be covered under this warranty regardless of the manufacturer's participation as outlined above. (This warranty to be a letter signed by the Bidder and the Installer.

19.0 **PRODUCTS: CARPET**

A. Materials: Subject to compliance with specifications, the following manufacturers and products are approved:

1. Milliken, Freestyle Remix Remastered

B. Warranties:

1. Definition of Lifetime: Lifetime is defined as the period from which materials are installed until the date in which the Owner removes them from service.
2. Manufacturer's Lifetime Warranty, non-prorated, against product failure covering all costs including freight, labor, and material for the following:
  - a. Edge Ravel/Tuft Bind.
  - b. Back lamination.
  - c. Static protection as stated above.
  - d. Wear - No more than 10% Face Yarn Loss.
  - e. Cup, Dome, Dish
  - f. Dimensional stability
  - g. Adhesive bond to the floor
  - h. Permanent stain resistance to acid-type spills
3. Installation Warranty: Lifetime Warranty, non-prorated, against any installation related failure covering all costs including freight, labor, and material co-signed by the Contractor and the manufacturer.

C. Extra Stock:

1. Furnish and deliver to the Owner material from same manufactured lot as material installed and enclosed in protective packing with appropriate labeling.
2. Provide at least one (1) box for each fifty (50) boxes or fraction thereof, for each type, color, pattern, and size installed at the start of the project. This works out to be 2% of carpet will be left for extra stock. Turnover the carpet and have the Facilities Construction Department sign off on acceptance of the extra stock. The Owner decides amounts of adequate colors.

## 19.1 INSTALLATION ACCESSORIES

- A. Trowel able Leveling and Patching Compounds: Latex-modified, hydraulic cement-based formulation provided by or recommended by the following: Carpet Manufacturer
- B. Adhesives: Water-resistant, mildew-resistant, non-staining type to suit products and subfloor conditions indicated, that complies with flammability requirements for installed carpet and that is recommended by the following:  
Carpet Manufacturer
- C. Seaming Cement: Hot-melt adhesive tape or similar product recommended by the carpet manufacturer for taping seams and butting cut edges at backing to form secure seams and to prevent pile loss at seems.
- D. Metal Edge Strips: Extruded aluminum with mill finish of width shown, of height required to protect exposed edge of carpet, and of maximum lengths minimize running joints.
- E. Vinyl treads and risers will be used on existing stairs that have VCT or Carpet scheduled for replacement.

## 20.0 EXECUTION

### 20.1 EXAMINATION

- A. Examine substrates, areas, and conditions for compliance with requirements for maximum moisture content, alkalinity range, installation tolerances, and other conditions affecting carpet performance. Verify that substrates and conditions are satisfactory for carpet installation and comply with requirements specified.

1. Submit reports of alkalinity and moisture test.
- B. Concrete Subfloors: Verify that concrete slabs comply with ASTM F 710 and the following:
1. Slab substrates are dry and free of curing compounds, sealers, hardeners, and other materials that may interfere with the adhesive bond. Determine adhesion and dryness characteristics by performing bond and moisture tests recommended by the following: Carpet Manufacturer
  2. Subfloor finishes comply with requirements specified in Division 3 Section "Cast-in-Place Concrete" for slabs receiving carpet.
  3. Subfloors are free of cracks, ridges, depressions, scale, and foreign deposits.
- C. Proceed with the installation only after unsatisfactory conditions has been corrected.

## **20.2 PREPARATION**

- A. General: Comply with CRI 104, Section 6.2, "Site Conditions; Floor Preparation," and carpet manufacturer's written installation instructions for preparing substrates indicated to receive carpet installation.
- B. Use trowel able leveling and patching compounds, according to manufacturer's written instructions, to fill cracks, holes, and depressions in substrates.
- C. Remove coatings, including curing compounds, and other substances that are incompatible with the adhesives and that contain soap, wax, oil, or silicone, without using solvents. Use mechanical methods recommended in the writing by the following: Carpet Manufacturer
- D. Broom and vacuum clean substrates to be covered immediately before installing carpet. After cleaning, examine substrates for moisture, alkaline salts, carbonation, or dust. Proceed with the installation only after unsatisfactory conditions have been corrected.

## **20.3 INSTALLATION**

- A. Comply with carpet manufacturer's recommendations for installation without wet adhesives.

- B. Comply with carpet manufacturer's recommendations for seam locations and direction of carpet; maintain uniformity of carpet direction and lay of pile. At doorways, center seams under the door in closed position.
  - 1. Bevel adjoining border edges at seams with hand shears.
  - 2. Level adjoining border edges.
- C. Do not bridge building expansion joints with carpet.
- D. Cut and fit carpet to butt tightly to vertical surfaces, permanent fixtures, and built in furniture including cabinets, pipes, outlets, edgings, thresholds, and nosing. Bind or seal cut edges as recommended by carpet manufacturer.
- E. Extend carpet into toe spaces, door reveals, closets, open bottom obstructions, removable flanges, alcoves, and similar openings.
- F. Install pattern parallel to walls and borders if applicable.

## **21.0 PRODUCTS: LVT TILE**

- A. Materials:
  - 1. Luxury Vinyl Tile: Specification ASTM F 1700, Class 111, Type B performance standards for solid vinyl floor tile
    - a. Milliken Fortified Foundation
  - 2. Resilient Base: Federal Specification SS-W-40A, Type I, Rubber Styles A Straight Base and B Cove Base or Type II Vinyl Styles A and B; and ASTM E 648 Class 1 ASTM E 84 Class B < 450. 4 1/2" height x 120' rolls. Standard top-set cove. Some areas will require other than 4 1/2 " base. The Contractor to verify.
    - a. Johnsonite Traditional Wall Base
    - b. Roppe Vinyl Wall Base
  - 3. Adhesives: Waterproof, stabilized type as recommended by flooring manufacturer to suit material and substrate conditions (NOTE: Provide epoxy cement for base if necessary for adhesive. Notify the Owner if and when necessary.)

4. Fillers/levelers: ARDEX Feather light leveler underlayment, or filler will be used 100% of the re-flooring areas that receive new LVT. Carpet areas to receive levelers or fillers as needed.
5. Wall mounted doorstops equal to Rockwood mfg. 406-26D x toggle.
6. Floor mounted doorstops equal to Rockwood mfg. 473-26D (lead shield in floor).
7. Match/raise/reuse all other devices, aluminum thresholds, plates, boxes, covers, receivers, etc.
8. Clean out plates/electrical plates match/provide new cover plates, as close as possible, and attach to existing with four (4) countersink flat head brass screws into and/or through the existing cover plate. New cover plates will be 1/8" thick 1/4" or install gasket to allow final product to be flush with new resilient or carpet floor installation. Top cover plate will be secure and tightly anchored. Reuse existing electrical plates. Install reducing strips or fillers as necessary and approved by the Owner.
9. Resilient Edge Strips: 1/8" thick vinyl or rubber composition tapered or bullnose, color selected by the Owner, not less than one (1") inch wide.
10. Products Details:
  - a. Thickness: Minimum thickness of 3.00 mm.
  - b. Wear Layer: Minimum of 20 mil wear layer.
  - c. Protective Coating: Scratch/Scuff/Stain Resistant protection that is UV Cured.
  - d. Warranty: Minimum twenty (20) year commercial warranty.

## B. Execution

1. Preparation:
  - a. Perform bond and moisture tests on any questionable areas to insure "good" bonding and prevent "shadowing" (show through). These tests are recommended for all areas; however, where obvious moisture problems exist, testing is mandatory. Adhesion test to assure compatibility of adhesive with abatement chemicals.

- b. Apply leveling and patching compounds as necessary and recommended by flooring manufacturer or noted in specification for new LVT areas will receive 100% leveling compound.
- c. Clean, vacuum, mop, vacuum, surfaces to be covered per manufacturer's recommendations.
- d. Call for inspection of prepped surfaces prior to new installation and review the layout of the new tile installation.

2. Installation:

- a. General: All installations will be done in strict accordance with manufacturer's recommendations. Colors and designs will be proportioned to floor space.

1. Lay out tile from center marks established with principal walls and new tile does not coincide with existing joints. Review patterns with the Owners prior to installing. Install tile squares to room axis and adjust to avoid cut widths at perimeters of less than three (3") inch sections. Cut around penetrations, scribe around all doorframes, and any other permanent section. Floor strike plates must be raised and reinstalled with epoxy cement. Insure good tile lay down with 100-1b. roller only if recommended by manufacturer.

2. Maintain reference markers, holes, or openings that are in place or plainly marked for future cutting by repeating on finish flooring as marked on sub-floor. Use chalk or another nonpermanent-marking device.

3. Tightly cement resilient flooring to sub-base without open cracks, voids, raising and puckering at joints, telegraphing of adhesive spreader marks, or other surface imperfections. Hand roll resilient flooring to assure adhesion.

b. Tile Floors:

1. Match tiles for color and pattern by using cartons in same sequence as manufactured and packaged if so numbered. (It may be beneficial to open several cartons and mix them as they are installed to help blend light shade differences.) Broken, cracked, chipped, or deformed tiles are not acceptable.
2. Lay tile in alternating or checkerboard patterns (unless recommended otherwise by manufacturer). Consult with the Owner for special patterns prior to start.



3. Apply fillers/levelers per manufacturer's recommendations. Allow to set and dry to proper conditions.
4. Apply full spread of adhesive per manufacturer's recommendations; allow to setting per manufacturer's recommendations. Butt tile tightly to vertical surfaces as necessary and produce neat joints, laid tight, even, and straight. Extend flooring into toe spaces, closets, and other similar openings. **(Roll tile with 100-1b. roller.)**
5. Clean tile of adhesives; replace any tile not tightly fitting, cut, chipped, blemished, or mismatched in color or pattern.

c. Accessories:

1. Apply resilient base to walls, columns, pilasters, casework, and other permanent fixtures in rooms and areas where base is required. Install base in as long lengths as practicable, using adhesive recommended by manufacturer. (100' rolls are preferable)
2. Remove all existing vinyl base unless noted otherwise; clean and/or repair wall surfaces as required. (NOTE: Where painted walls occur for new base application, wire-brush or otherwise remove existing paint and/or roughen up the surfaces to provide for solid anchorage.)
3. Comers may be accomplished without preformed units provided only that all comers are clean-cut, neat, and tight, and securely anchored. If acceptable comers are not achieved however, the Contractor will be required to provide prefabricated comers.
4. Tightly bond base to substrate throughout length of each piece, with continuous contact at horizontal and vertical surfaces.
5. On masonry surfaces, and similar irregular surfaces, fill voids along top edge of resilient base with manufacturer's recommended adhesive filler material.
6. Install edge strips tightly butted to flooring and secure with adhesive. Install edge strips to all unprotected edges of flooring, unless otherwise noted.

3. Finishing: All finishing will be in strict accordance with manufacturer's recommendations.

a. Resilient Floor Tile:

1. Remove all trash and debris.
- b. Do not wash floors for at least eight (8) to ten (10) days after installation to prevent moisture penetration or per manufacturer's recommendations.
- c. Ensure factory finish is removed, adhesive, black marks, surface blemishes, and dirt using a machine scrubbing pad or brush as recommended by resilient tile manufacturer.
- d. Clean and rinse floors per manufacturer's recommendation.  
**"Get inspection by the Owner" use sign off sheet between each coat.**
4. Extra Stock:
  - a. Furnish and deliver to the Owner materials from same manufactured lot as materials installed and enclosed in protective packing with appropriate labeling.
  - b. Provide at least one (1) box for each fifty (50) boxes or fraction thereof, for each type, color, pattern, and size installed at start of the project. This works out to be 2% of tile will be left for extra stock. Turnover the tile and have the Facilities Construction Department sign off on acceptance of the extra stock. The Owner decides amount of adequate colors.
5. Trimming Doors: Refer to the bid proposal form for unit prices for trimming doors, but adhere to the following:
  - a. Where doors are dragging or rubbing the new floor, the Owner of exactly which doors that this occurs, the Owner or Owner's representative will authorize the Contractor to proceed with the corrective repair complete; based on the unit price quoted:

(NOTE: Including tile damaged by rubbing, some doors may be wood and some doors may be metal.)

    1. Remove doors carefully from hinges.
    2. Trim door bottom so that door swings cleanly and evenly over new flooring. Do not over trim but keep the bottom of the door 1/2" to 3/4" off of new floor and insure smooth and even condition at threshold.
    3. Ensure smooth edges along bottom planning is best on wood doors.

4. If trimming the door causes paint chipping, blemishes, marring, etc. Sand and refinish door and/or bottom (painting or stain as applicable) as required to provide an even and smooth finish of same type as original finish.
5. Install door to its original function. Touch-up hinges and/or pins if required.
6. Hardware: See unit prices on bid proposal form.
  - (a) After all floor mounted hardware is removed and sub-surfaces are filled, smoothed, and new tile is installed then install new wall mounted stops if CMU wall surface exists and stops can be installed with toggle bolts per manufacturer's recommendations. Install wall mounted stops so that they make contact with the doorknob. If wall doorstop cannot be installed correctly, then new floor mounted doorstops equal to Rockwood Manufacturer 473-26D with lead shield in floor, will be installed per manufacturer's recommendations. (The Contractor will keep record of the number and the type of doorstops used and give record to the Owner.)
  - (b) Cleanout plates: See unit prices on bid proposal form. Where plumbing cleanouts occur in floor, provide a new cover plate identical to the existing cover plates (or as close as possible). The new cover plate is to be attached to the existing cover plate with four (4) countersunk flat-head brass screws into and/or through the existing cover plate. This cover plate is to be 1/8" thick to allow new tile installation to be flush with new cleanout covers. Cut tile around plate cleanly and tightly. Insure top cover plate is securely and tightly anchored.
7. Request for inspection:
  - (a) The Contractors must inspect his/her own work and submit a "punch-list" to the Owner when he/she feels that he/she is ready for substantial completion check out. The Owner will not make inspection for substantial until complete and accurately descriptive punch list is received from the Contractor, with each

space or area clearly noted and itemized. He/she should inspect for loose edges, misaligned edges, trapped blasters or other "rises", depressions or rough spots, buckles, dirty or blemished areas scratches, gaps at seams, misaligned joints, poorly cut around obstacles, or any other deficient elements in the resilient tile or resilient base installation.

- (b) Insure that all resilient tiles are cleaned, stripped, sealed and waxed, and all new vinyl base is clean and securely anchored, and joints and comers are neat and secure.

## 22.0 PRODUCTS: Epoxy Flooring

### 1. GENERAL

- 2. Work of this Section as shown or specified shall be in accordance with the requirements of the Contract Documents
- 3. Work of this Section includes all labor, materials, equipment and services necessary to complete epoxy flooring incorporating ceramic coated colored inorganic quartz aggregate and integral base as selected on drawings and/or specified herein.
- 4. Concrete - Section 03300 (**Note to specifier: Concrete should be either water cured or cured using sodium silicate curing compounds only. Other types of curing compounds are generally not acceptable. Concrete should be cured for a minimum of 28 days. On grade floors should have functioning vapor retarder beneath slab.**)
- 5. Floor drains - Division 15 (**Note to Specifier: Floor drains, clean-outs etc. should be of the floor-flange type as manufactured for use with composition floors by most major drain manufacturers.**)
- 6. General: Submit the following in accordance with Conditions of Contract and Division 1 Specification Sections.
- 7. Product Data: Submit manufacturer's technical data application instructions and general recommendations for decorative quartz epoxy flooring specified herein. C.
- 8. LEED Submittals:

- a. Product Data for Credit MR 4.1 and Credit MR 4.2: For products having recycled content, submit documentation indicating percentages by weight of postconsumer and preconsumer recycled content.
  - b. Include statement indicating costs for each product having recycled content.
  - c. Include LEED Product Information Form for LEED Credits MR 4.1 and 4.2.
- 9. Product Data for Credit EQ 4.2: For field applied, interior, paints coatings and primers, include printed statement of VOC content indicating compliance with Credit requirements.
  - a. Include LEED Product Information Form for LEED Credit EQ 4.2.
- 10. Provide additional documentation for products as required to achieve each Credit(s).
- 11. Samples for initial selection purposes in form of manufacturer's color charts showing range of standard colors available.
  - a. Submit 2-1/2" x 4" samples in color and quartz aggregate combination as selected.
- 12. Material certificates signed by manufacturer certifying that the decorative quartz epoxy flooring submitted complies with requirements specified herein.
- 13. Maintenance Instructions: Submit manufacturer's written instructions for recommended maintenance practices.

#### **14. QUALITY ASSURANCE**

- A. Installer Qualifications: Engage an experienced installer or applicator who has specialized in installing resinous flooring types similar to that required for this Project and who is acceptable to manufacturer of primary materials.

- B. Single-Source Responsibility: Obtain epoxy component of flooring materials, including primers, resins, hardening agents, and finish or sealing coats, from a single manufacturer. Obtain ceramic-coated quartz aggregate from primary manufacturer of that product.

#### **15. Delivery Storage and Handling**

- A. Deliver materials in original packages and containers with seals unbroken and bearing manufacturer's labels containing brand name and directions for storage and mixing with other components.
- B. Store materials to comply with manufacturer's directions to prevent deterioration from moisture, heat, cold, direct sunlight, or other detrimental effects.

#### **16. PROJECT CONDITIONS**

- A. Environmental Conditions: Comply with epoxy resin composition flooring manufacturer's directions for maintenance of ambient and substrate temperature, moisture, humidity, ventilation, and other conditions required to execute and protect work.
- B. Lighting: Permanent lighting will be in place and working before installing decorative quartz epoxy flooring.

#### **17. PART 2:00 - PRODUCTS**

#### **18. MATERIALS**

- A. Decorative quartz epoxy flooring shall be Dex-O-Tex Decor-Flor as manufactured by Crossfield Products Corp. in Rancho Dominguez, California and Roselle Park, New Jersey.

## 19. PROPERTIES

A. Colors: As indicated, or if not otherwise indicated, as selected by Architect from manufacturer's standard color combinations.

B. Physical Properties: Provide flooring system that meets or exceeds the listed minimum physical property requirements when tested according to the referenced standard test method in parentheses.

### Compressive Strength

Complete System (ASTM C109) 8,556 psi.

Resin Component (ASTM D695) 12,900 psi.

Surface Hardness (ASTM D2240) Durometer D 85

Aggregate Hardness (Moh's Mineral Scale) 6 1/2-7

### Indentation Characteristics (MIL-PRF-3134)

Para. 4.7.4.2.1-Steadily Applied Load) 0.005 indentation

Impact Resistance (MIL-PRF-3134) 0.011 indentation

Para. (4.7.3) No cracking, loss of bond

Adhesion (ACI Comm. 503.1-92) 345 psi. (100% failure)

Water Absorption (MIL-PRF-3134) Less than 1%

Abrasion Resistance (ASTM C501) 19 Wear Index (H-22 Wheel)

Tensile Strength (ASTM D638) 4,400 psi.

### Resin Component

Elongation (ASTM D638) 19.6%

## 20. SUPPLEMENTAL MATERIALS

- A. Waterproofing Membrane: Type recommended or produced by manufacturer of epoxy resin composition flooring system for type of service and floor condition indicated. **(Note to Specifier: The use of waterproof membrane is optional and is generally confined to suspended floors and in rooms having floor drains and subject to very wet spillage and service. All areas requiring membrane treatment should be clearly shown on plans and finish schedules.)**
- B. Anti-Microbial Additive: Incorporate antimicrobial chemical additive to control growth of most bacteria, fungi, algae and actinomycetes. **(Note to Specifier: The use of antimicrobial additive is optional. Its use poses no health hazard.)**

## PART 3.00 - EXECUTION

### INSPECTION

- C. Examine the areas and conditions where decorative quartz epoxy flooring is to be installed and notify the Architect of conditions detrimental to the proper and timely completion of the work. Do not proceed with the work until unsatisfactory conditions have been corrected by the Contractor in a manner acceptable to the Architect.

## 21. PREPARATION

- A. Substrate: Perform preparation and cleaning procedures according to flooring manufacturer's instructions for particular substrate conditions involved, and as specified. Provide clean, dry, and neutral substrate for flooring application.



- B. Concrete Surfaces: Shot-blast, acid etch or power scarify as required to obtain optimum bond of flooring to concrete. Remove sufficient material to provide a sound surface, free of laitance, glaze, efflorescence, and any bond-inhibiting curing compounds or form release agents. Remove grease, oil, and other penetrating contaminants. Repair damaged and deteriorated concrete to acceptable condition. Leave surface free of dust, dirt, laitance, and efflorescence.
- C. Materials: Mix epoxy resin components when required, and prepare materials according to flooring system manufacturer's instructions.

## **22. APPLICATION**

- A. General: Apply each component of decorative quartz epoxy flooring system according to manufacturer's directions to produce a uniform monolithic flooring surface of thickness indicated.
  - B. Broadcast Coats: Apply liberal application of clear epoxy resin mixture, allow to self-level, broadcast (by hand or spray machine) ceramic coated quartz aggregate, allow to set to hardness, sweep off excess unbonded aggregate and repeat process to achieve total nominal thickness of 1/16"-1/8".
  - C. Finish or Sealing Coats: After quartz filled broadcast coats have cured sufficiently, apply finish coats of type recommended by flooring manufacturer to produce finish matching approved submittal sample and in number of coats and spreading rates recommended by manufacturer.
- b. Finished floor shall be 1/16"-1/8" thick, uniform in color and free of trowel marks.

- A. Cove Base: Apply cove base mix to wall surfaces at locations shown to form cove base height of 4 inches unless otherwise indicated. Follow manufacturer's printed instructions and details including taping, mixing, priming, troweling, sanding, and top-coating of cove base.

## **23. CURING, PROTECTION AND CLEANING.**

- A. Cure decorative quartz epoxy flooring materials according to manufacturer's directions, taking care to prevent contamination during application stages and before completing curing process. Close application area for a minimum of 24 hours.

### **23.0 WALK OFF CARPET**

- A. Materials: Subject to compliance with specification, the following manufactures and products are approved:

- 1. Milliken

- B. Warranties:

- 1. Definition of Lifetime: Lifetime is defined as the period from which material are installed until the date in which the Owner removes them from service.

- C. Installation:

- 1. Direct glue down or loose-lay (with proper edging)

**(Only fill out this form after completion of Project)**

**CONTRACTOR'S ONE-YEAR GUARANTEE (MINIMUM)**

STATE OF:     South Carolina

COUNTY OF: Aiken

PROJECT: 2024 Installation of Flooring at JD Lever Elementary School

PROJECT NAME: \_\_\_\_\_

\_\_\_\_\_  
(Contractor to fill in name of each individual school of this project and submit one form filled in and signed for each separate school)

We, \_\_\_\_\_, as the Contractor on the above named project do hereby guarantee that all work executed under the requirements of the Contract Documents shall be free from defects due to faulty materials and/or workmanship for a period of at least one (1 ) year from date of the execution of the Certificate of Substantial Completion and hereby agree to remedy defects due to faulty material and/or workmanship and pay for any damage resulting therefrom, at no cost to the Owner provided, however, that the following are excluded from this guarantee:

Defects or failures resulting from abnormal usage or abuse by the Owner. Damage caused by fire, tornado, hurricane, Acts of God, wars, riots, or civil commotion.

Note: It is understood that this guarantee is in addition to any guarantee provided by manufacturer of the paints used on the flooring and is to be considered as "minimum guarantee" only.

1.2 It is specifically understood that the terms of this guarantee, the compliance therewith and the fulfillment of all obligations thereunder are fully protected by the Performance Bond furnished by the Contractor, and do not void any other more stringent warranties that may normally be in effect.

Name of Contracting Firm:

By: \_\_\_\_\_

Title:

\*Must be executed by an officer of the contracting firm\*

Sworn to before me this \_\_\_\_\_ day of \_\_\_\_\_, 2024

\_\_\_\_\_ (seal) Notary Public for (State)

## FORM OF PROPOSAL

DATE:

\_\_\_\_\_

SUBJECT: Bidder's Proposal for **"2024 Installation of Flooring at J.D. Lever Elementary School. "**

TO: Kevin Chipman, Facilities Construction Department,  
Aiken County Public Schools Operations Center  
61 Given Street  
Aiken, South Carolina 29805

FROM:

\_\_\_\_\_  
Bidder

\_\_\_\_\_  
Address

\_\_\_\_\_

\_\_\_\_\_  
Telephone Number

\_\_\_\_\_  
Fax Number

\_\_\_\_\_  
Email Address

The undersigned certifies that all materials and products offered must be guaranteed to meet the requirements of the specifications indicated, given, or referred to in the project manual entitled

**"2024 Installation of Flooring at J.D. Lever Elementary School"**

**Bid date: February 13, 2024**

NOTE TO BIDDER: In case of tie bids, the award will be determined according to the School District Procurement Code Section (V) (B) (2) (i).

**FAILURE BY THE BIDDER TO BID AN ALTERNATE(S) SHALL RENDER THE BID NON-RESPONSIVE.** An alternate shall be bid by indicating either a dollar amount or the words "No Change".

Drug Free Workplace Act (effective January 1, 1991) is a requirement if bid exceeds \$50,000.00. It will require a certification from you before this award becomes final. Please acknowledge and certify your compliance. The Bidder will acknowledge and certify compliance to the Drug Free Workplace Act if bid exceeds \$50,000.00. **By signing this form, it represents a drug free workplace and environment.**

The undersigned having carefully examined the specifications and their related documents, and being familiar with the site and physical conditions affecting the proposed work, and being familiar with the availabilities of materials and labor, do hereby propose the following bid(s):

ACKNOWLEDGEMENT OF RECEIPT OF ADDENDUM NO.\_\_\_\_ DATED: \_\_\_\_\_

ACKNOWLEDGEMENT OF RECEIPT OF ADDENDUM NO.\_\_\_\_ DATED: \_\_\_\_\_

ACKNOWLEDGEMENT OF RECEIPT OF ADDENDUM NO.\_\_\_\_ DATED: \_\_\_\_\_

The above-named Bidder acknowledges and agrees that he/she is to be allowed a total of sixty (60) days after "Notice To Proceed" to reach Substantially Complete stage, and that if the work is not deemed to be Substantially Complete within that time, he/she agrees to pay Two Hundred and Fifty dollars (\$250.00) per calendar day that work remains incomplete as described in Article 7.02.

BASE BID:

1. The Bidders are requested to submit their bids in the formats as outlined on the following pages, but may submit different combinations of bids as he/she selects.
2. The Owner reserves the right to waive any informality in bidding and to reject any or all bids.
3. Awarding of contracts will be at the Owner's discretion but will be based on what he/she considers to be in his/her best interest.
4. The Owner's intent is to award this project on a school-by-school basis.
5. Add the allowance for each school to the Bidder's base bid for additional scope of work per Section 17.0 Allowances. Any unused allowance at the job's completion will be returned to the Owner.

Project: **2024 Installation of Flooring at J.D. Lever Elementary School** for the complete project, including all applicable taxes, as described, and implied by plans and specification.

**BASE BID A:** Installation of carpet, LVT, cove base, and accessories as indicated at **J.D. Lever Elementary School**. Add **\$30,000.00** allowance to base bid.

Milliken: \_\_\_\_\_ Dollars (\$ \_\_\_\_\_ . \_\_\_\_\_)

Proposed start and completion date: \_\_\_\_\_

**Alternate 1:** Installation of LVT, cove base, and accessories to install flooring in two mobiles at **J.D. Lever Elementary School**. Add **\$5,000.00** allowance to base bid.

Milliken: \_\_\_\_\_ Dollars (\$ \_\_\_\_\_ . \_\_\_\_\_)

Proposed start and completion date: \_\_\_\_\_

**Alternate 2:** Remove existing VCT and install LVT, cove base, and walk off carpet in main hallway at **J.D. Lever Elementary School**. Add **\$5,000.00** allowance to base bid.

Milliken: \_\_\_\_\_ Dollars (\$ \_\_\_\_\_ . \_\_\_\_\_)

Proposed start and Completion date: \_\_\_\_\_

**UNIT PRICES:** Each Bidder must complete the following and fill-in all blanks regardless of how he/she submitted his/her bids. If not, all blanks are filled in, the Bidder's proposal may be considered as non-responsive and therefore disqualified.

- A. Install wall-mounted doorstops per specifications:

\_\_\_\_\_

\_\_\_\_\_ Dollars:(\$ \_\_\_\_\_ . \_\_\_\_\_)/EACH.

- B. Install floor-mounted doorstops per specifications:

\_\_\_\_\_

\_\_\_\_\_ Dollars:(\$ \_\_\_\_\_ . \_\_\_\_\_)/EACH

- c. Unit price per linear foot to install 4" vinyl cove base:

\_\_\_\_\_

\_\_\_\_\_ Dollars:(\$ \_\_\_\_\_ . \_\_\_\_\_)/L.F.

- D. Unit price per cleanout to install new brass plate over existing, flush with new VCT installation:

\_\_\_\_\_  
\_\_\_\_\_  
Dollars:(\$\_\_\_\_\_.\_\_\_\_\_) /L.F.

- E. Unit price for additional floor patch]floor leveler installation:

\_\_\_\_\_  
\_\_\_\_\_  
Dollars:(\$\_\_\_\_\_.\_\_\_\_\_) /SQFT.

### LISTING OF SUBCONTRACTORS

List all Subcontractors and floor material suppliers who will perform work or services.  
FOR BASE BID.

Name of Trade	Subcontractor's or Material Suppliers Name, Location (City and State), Contact and Phone Number
1.	
2.	

NOTE: Failure to list Subcontractors and material suppliers in accordance with the code shall render the Prime Contractor's bid unresponsive. State shall be assumed to be South Carolina, unless shown otherwise. All work shall be assumed to be by the Bidder's own personnel, unless shown otherwise.

No Prime Contractor whose bid is accepted shall substitute any person as Subcontractor in place of the Subcontractor listed in the original bid, except with the consent of the Owner, for good cause shown.

**DISCOUNTS APPLICABLE TO THE ABOVE ITEMS ARE AS FOLLOWS: N/A**

**WARRANTED ITEMS ARE AS FOLLOWS: All materials and labor complete for a period of one (1) year from date of substantial completion as stated in specifications.**

**ESTIMATED DELIVERY TIME FOR STOCK ITEMS AFTER RECEIVING ORDER ARE:\_\_\_\_\_**

**ESTIMATED DELIVERY TIME FOR FACTORY SHIPPED ITEMS AFTER RECEIVING ORDER ARE:\_\_\_\_\_**

**SHIPPING TERMS:\_\_\_\_\_**

Time of delivery will be a factor in making this award.

**DATE FOR COMMENCEMENT AND SUBSTANTIAL COMPLETION**

The Undersigned hereby agrees to deliver to the Owner three (3) executed copies of the AGREEMENT within seven (7) days from the date set forth in the NOTICE TO PROCEED. Begin execution of work only after the required Performance Bond, Payment Bond, and Certificate of Insurance have been delivered to the Owner. Failure to comply with any of the above conditions or to commence actual physical work on this project within twenty-one (21) days from date set forth in the NOTICE TO PROCEED will entitle the Owner to consider your bid unresponsive. In this event, the Owner may withdraw the NOTICE TO PROCEED and declare your bid security forfeited. All work shall be substantially completed by the date established in the AGREEMENT.

**BID HOLDING TIME**

The undersigned hereby agrees that this bid may not be revoked or withdrawn after the time set for opening of bids, but shall remain open for a period of sixty (60) days following such time.

**BID SECURITY**

Enclosed is a Bid Bond or Certified Check in the amount of \_\_\_\_\_ Dollars (\$\_\_\_\_\_.\_\_\_\_) being not less than five percent (5%) of the total Base Bid, payable to the Owner. The undersigned agrees that the above stated amount is the proper measure of liquidated damages, which the Owner will sustain by failure of the undersigned to execute a contract. The undersigned agrees that, if he/she is unwilling to execute a contract, the obligation of the Bid Bond will remain in full force and effect and the monies payable thereon shall be paid into the funds of the Owners as liquidated damages for such failure.

**BIDDERS QUALIFICATIONS**

It is understood that before the Proposal is considered for award, the Bidder may be requested by the Owner to submit a statement of facts in detail as to his/her previous experience similar to comparable work and of his/her business and technical organization and financial resources available to be used in performing contemplated work.

**CERTIFICATION REGARDING DRUG-FREE WORKPLACE**

The undersigned certifies that the Contractor listed below will provide a "DRUG FREE WORKPLACE" as that term is defined in Section 44-107-30 of the S.C. Code of Laws by complying with the requirements set forth in Title 44, Chapter 107.



Company Name of Bidder	Representative's Signature
Title	
Address	
Telephone Number	Fax Number
Email Address	

**REQUIRED ATTACHMENTS:** Certificate of insurance, bid security, brand name with product data & installation instructions.

Federal Identification Number: \_\_\_\_\_

Contractor's Classifications and sub classifications with limitations.

(Classification)	(Sub classification)	(Limitations)
(S.C. Contractor/Specialty License Number)		