

ROANE COUNTY PURCHASING
200 EAST RACE STREET, SUITE #3
KINGSTON, TENNESSEE 37763
PHONE 865-376-4317 ▪ FAX 865-376-4318

ADVERTISEMENT FOR BIDS

Sealed bids are invited for Flooring Removal & Installation of Carpet and/or Composite Tile.

All bidders must be licensed Contractors as required by the Contractors Licensing Act of 1976, as currently amended if bid price exceeds \$25,000.

If bidding over \$25,000 a 5% bid bond is required.

Performance and payment bonds for the full cost of the project may be required for bids over \$25,000.

Project: Flooring Removal & Installation of Carpet and/or Composite Tile

Bids Received By: Lynn Farnham, Purchasing Agent
Roane County Courthouse
200 East Race Street, Suite #3
Kingston, Tennessee 37763

Bids Received Until: 2:00 p.m. (EDT) on Tuesday, March 7, 2017

Specifications: May be obtained in the Roane County Purchasing Department or electronically by contacting the Purchasing Department at 865-376-4317 or going to the County's website www.roanecountytn.gov.

ROANE COUNTY PURCHASING DEPARTMENT INVITATION TO BID

Roane County is inviting sealed bids for the service(s) listed below, subject to the terms and conditions of the Invitation to Bid, the accompanying specifications, and the Roane County Purchasing Manual.

At the appointed time bids will be publicly opened in the office of the Roane County Purchasing Agent at the above address. Bids arriving in the Purchasing Department past the appointed date and time will be considered late and will not be opened.

Deliver Bids To:

ROANE COUNTY PURCHASING DEPARTMENT
200 EAST RACE STREET, SUITE #3
KINGSTON, TENNESSEE 37763

**Bid Number: 2017-1020-ALL FUNDS
FLOORING REMOVAL & INSTALLATION – CARPET & COMPOSITE TILE**

Open Date & Time: March 7, 2017 at 2:00 p.m. (Eastern Time Zone)

The Bid Envelope must show the Bid Number, Name & Opening Date.

PURCHASING CONTACT INFORMATION

**Lynn Farnham, CPPO, CPPB
Purchasing Agent
Phone: 865-376-4317
Fax: 865-376-4318
Email: lynn.farnham@roanecountytn.gov**

GENERAL TERMS & CONDITIONS

Attached are instructions and conditions for submitting a bid for Roane County Government. The objective of this bid is to select suppliers in such a manner as to provide for open and free competition and comparability.

BID PREPARATION & SUBMISSION

1. Bidders are expected to examine specifications, terms and conditions, general or special conditions, schedules and all instructions for the purpose of this bid. Failure to do so will be at the bidder's risk.
2. All bids shall be in accordance with the instructions to bidders and specifications included in this ITB. Specifications are intended to be open and non-restrictive.
3. All pricing submitted in the bid document must be completed in ink or typewritten. The bottom line total must also be printed in ink or typewritten on the proposal form. No erasures shall be permitted. Errors may be crossed out and corrections printed in ink or typewritten and must be initialed in ink by the person signing the bid.
4. All bids must meet or exceed the enclosed specifications.
5. It shall be the sole responsibility of the bidder to make certain that all bids in proper form are submitted to the Purchasing Department as described below.
6. All original forms must be signed by a person with authority to bind the bid. The bid must be sealed in an envelope that is labeled according to the directions stated below.
7. On the outside of the envelope/package mark the bid as follows:
 - Vendor Name & Address
 - Bid Number
 - Bid Date & Time
8. The bid must then be in a sealed envelope/package mailed or delivered to the following address:

Roane County Purchasing Department
200 East Race Street, Suite #3
Kingston, Tennessee 37763

Please note that Roane County does not receive a guaranteed delivery time for express mail and/or packages. Please mail accordingly.

12. Sealed written bids will be received at the time and place specified on the Invitation to Bid. Postmark on the Bid by this date will not suffice. Bid must be received on or before the date and time stated. Faxed bid documents will not be accepted.

LATE RECEIPT OF THE BID

1. The bid and modifications or withdrawals thereof received after the time set for opening will not be considered, unless they are received before the award is made and it is determined by Roane County that failure to arrive on time was due solely to a delay in delivery for which the bidder has no responsibility. Roane County does not receive a guaranteed delivery time for express mail and/or packages. Please mail accordingly.
2. Bids must be in the Purchasing Department prior to 2:00 p.m. on the appointed date. Time will be determined by the clock in the Roane County Purchasing Department and once Purchasing Agent/or their designee determines the time is 2:00 p.m., no other bids will be accepted.

RESTRICTIVE OR AMBIGUOUS SPECIFICATIONS

1. It is the responsibility of the bidder to review the entire Invitation to Bid document and to notify the Purchasing Agent if the Invitation to Bid is formulated in a manner that would unnecessarily restrict competition or if it is ambiguous in what is being requested.
2. Pursuant to TCA §12-4-126, questions regarding the specifications or bid procedures must be received by the Purchasing Agent and/or designer no less than ninety-six (96) hours before the bid opening date. No addenda will be issued within less than forty-eight (48) hours of the bid opening day, excluding weekends and legal holidays designated in §15-1-101 unless the bid opening is extended for a reasonable time as determined by the purchasing agent, which shall not be less than forty-eight (48) hours excluding weekends and legal holidays designated in §15-1-101, to allow for any necessary changes to the Invitation to Bid documents and to allow responders to resubmit their responses accordingly.
3. Any questions concerning this Invitation to Bid are to be faxed to the Purchasing Department. Questions will be answered via addenda. Information obtained from any office other than the Purchasing Office is not to be considered binding.

BID OPENING & AWARD

1. Only the bottom line figure will be read at the bid opening. Bids will also be examined for compliance with specification and conditions outlined in the bid document.
2. Consideration will be given to all bids properly submitted. Bids will receive appropriate confidentiality before awarding. Upon award, bid documents and tabulations will be available for review. Errors discovered after public opening may not be corrected, and the bidder may be bound to honor bid as submitted. After investigation of the nature of the mistake, the Purchasing Agent may allow the bid to be withdrawn.
3. The contract will be awarded in writing to the most responsive bidder whose bid conforms best to the Invitation to Bid will be most advantageous to Roane County. It is the intent of Roane County to involve and utilize the best product/services at the best prices and provide small and minority firms, women's business enterprises and labor surplus area firms with increased opportunity to do business with the county. However, currently there are no set asides for small or minority firms.
4. Roane County reserves the right to accept or reject any or all bids and to waive informalities and minor irregularities in the bids received.
5. Roane County reserves the right to award the bid in its entirety or to divide the award in any way that will be more advantageous to the county.
6. Bid results will be posted on the County's website along with the bid tabulation.

PROTEST PROCEDURE

1. If a prospective vendor does not agree with the bid award, they have the right to protest. Disputes arising from the award of this bid must be submitted in writing to the Roane County Purchasing Department no later than seven (7) days from date of bid award. The steps for dispute resolution may include:
 - A meeting with the Purchasing Agent, the requisitioning department's manager and representatives from the disputing party to discuss and resolve the complaint.
 - Information from the aforementioned meeting will be forwarded to the County Attorney for review.
 - A written decision letter stating the reasons for the decision will be prepared by the Purchasing Agent and submitted in writing to the protestor and all parties involved.
 - Purchases will not be allowed under this procurement until a final decision is rendered.
 - In the event that purchases must be made before a final decision is rendered, the emergency purchase procedures will be used.

APPROPRIATION

1. In the event no funds are appropriated by Roane County for the goods or services in any fiscal year or insufficient funds exist to purchase the goods or services, then the contract shall expire upon the expenditure of previously appropriated funds or the end of the current fiscal year, whichever occurs first, with no further obligations owed to or by either party.

INSURANCE

1. The contractor will maintain, at their expense adequate insurance coverage to protect them from claims arising under the Worker's Compensation Act, from claims for damages resulting from bodily injuries and damage to their property, for Bodily Injury and Property Damage Liability in the amount of no less than \$1,000,000, for Products and Completed Operations Liability of no less than \$1,000,000 and from claims for damage to any Roane County property. Additional insurance requirements may be listed any Special Terms & Conditions or in the Bid Specifications. This insurance company shall have a Best's rating of A or better. Any deviations from the above requirements must be disclosed in the bid submission.
2. The successful bidder shall furnish a Certificate of Insurance issued by their insurance company showing that Roane County as an additional insured. Carrier will assume full common liability of all shipments.

COMPLIANCE WITH ALL LAWS

1. Contractor is assumed to be familiar with and agrees to observe and comply with all federal, state, and local laws, statutes, ordinances, and regulations in any manner affecting the provision of goods and/or services, and all instructions and prohibitive orders issued regarding this work and shall obtain all necessary permits.

GOVERNING LAW

1. This contract shall be governed by the laws of the State of Tennessee, and all obligations of the parties are performable in Roane County, Tennessee. The Courts in Roane County shall have exclusive and concurrent jurisdiction of any disputes which arise hereunder.

BUSINESS LICENSES

1. Bidders located in Tennessee are required to have a current business license issued by the State of Tennessee at the time the bids are submitted. Vendors located outside Tennessee are required to obtain a business license issued by the State of Tennessee.
2. A Roane County Business License is required if a contractor is doing more than \$50,000 in business in the county.
3. A Business Tax & License Affidavit is required to be submitted with the bid.

INDEMNIFICATION/HOLD HARMLESS

1. Contractor shall indemnify, defend, save and hold harmless all departments of Roane County Government and/or the Roane County Board of Education, its officers, agents and employees from all suits, claims, actions or damages of any nature brought because of, arising out of, or due to breach of the agreement by Contractor, its subcontractors, supplier, agents or employees or due to any negligent act or occurrence or any omission or commission of the contractor, its subcontractors, suppliers, agents or employees until the contract terminates.

VENDOR PERFORMANCE

1. If the contractor fails in full or part to perform or comply with any provision of this Contract or the terms or conditions of any documents referenced and made a part hereof, Roane County may terminate this contract, in whole or in part, and may consider such failure or noncompliance a Breach of Contract. Contractors with poor performance will be notified at the time of such performance and be given opportunity to correct the problems. Documentation will be kept on file. Any contractor with continued poor performance will be removed from the potential vendor list for one year.
2. Roane County expressly retains all its rights and remedies provided by law in case of such breach, and no action by Roane County shall constitute a waiver of any such rights or remedies. In the event of termination for default, Roane County reserves the right to purchase its requirements elsewhere, with or without competitive bid.
3. Failure to deliver within the time specified or within a reasonable amount of time, or failure to make replacements of a rejected item immediately will constitute authority to purchase on the open market so as to replace the item(s) rejected and/or not received. On all such purchases, the Vendor agrees to promptly reimburse the county for excess costs incurred by such a purchase.

BREACH OF CONTRACT

1. A party shall be deemed to have breached the contract if any of the following occurs:
 - Failure to provide the services that conform to contract requirements.
 - Failure to maintain/submit any report required hereunder.
 - Failure to perform in full or in part any of the other conditions of the contract.

CONTRACT TERMINATION FOR CAUSE

1. If the contractor fails to properly perform its obligations under this contract in a timely or proper manner, or if the contractor violates any terms of this contract, the county shall have the right to terminate the contract and withhold payments in excess of fair compensation for completed services.
2. In the event the contract is terminated for due cause by the county, the county shall have the option of awarding the contact to the next lowest bidder or bidding again.

CONTRACT TERMINATION FOR CONVENIENCE

1. The county may, by written notice to the contractor, terminate this contract without cause for any reason. Said termination shall not be deemed a Breach of Contract by the county. The county must give notice of termination to the vendor at least thirty (30) days prior to the effective date of termination. The contractor shall be entitled to receive compensation for satisfactory, authorized service completed as of the termination date, but in no event shall the county be liable to the contractor for compensation for any service which has not been rendered. Upon such termination, the vendor shall have no right to any actual general, special, incidental, consequential, or any other damages whatsoever of any description or amount.

BOOKS AND RECORDS

1. The contractor shall maintain all books, documents, accounting records and other evidence pertaining to the goods and services provided under this contract and make such materials available at its offices at all reasonable times during the contract period and for three (3) years from the date of the final payment under this agreement for inspection by county or by any other governmental entity or agency participating in the funding of this agreement, or any authorized agents thereof; copies of said records to be furnished if requested.

INVOICES AND PAYMENTS

1. Payment will be made within 30 days after receipt of invoice and/or delivery of items included in this Invitation to Bid, whichever is later.
2. Roane County Government is not subject to taxation. A tax exemption certificate will be provided upon request.

NONDISCRIMINATION AND NON-CONFLICT STATEMENT

1. Contractor agrees that no person on the grounds of handicap, age, race, color, religion, sex or national origin, shall be excluded from participation in, or be denied benefits of, or be otherwise subjected to discrimination in the performance of this agreement, or in the employment practices of vendor. Contractor shall upon request show proof of such nondiscrimination, and shall post in conspicuous places available to all employees and applicants notices of non-discrimination. Contractor covenants that it complies with the Fair Wage and Hour Laws, the National Labor Relations Act, and other federal and state employment laws as applicable. Contractor covenants that it does not engage in any illegal employment practices.
2. Contractor covenants that it has no public or private interest, and shall not acquire directly or indirectly any interest; that would conflict in any manner with the provision of its goods or performance of its services. The contractor warrants that no part of the total contract amount provided herein shall be paid directly or indirectly to any officer or employee of Roane County as wages, compensation, or gifts in exchange for acting as officer, agent, employee, subcontractor or consultant to contractor in connection with any goods provided or work contemplated or performed relative to the agreement.
3. No employee or member of the Roane County's governing bodies shall participate in the selection or award of a contract if a conflict of interest, real or apparent, would be involved.
4. Officers, employees or officials of the Roane County Government shall neither solicit nor accept gratuities, favors or anything of more than nominal monetary value from vendors or parties to subcontracts.

**2017-1020-ALL FUNDS – FLOORING REMOVAL & INSTALLATION
VENDOR INFORMATION SHEET**

(Please fill out completely)

By completing and signing this form you certify that you are an authorized representative of the company for which you are submitting a bid/proposal and that you have the authority to legally bind your company. Further, by completing and signing this form you certify that you agree to all the terms and conditions of this bid/proposal.

1. Vendor Name _____

2. Address _____

City _____ State _____ Zip Code _____

3. Contact Person (Please Print) _____

4. Telephone Number _____ Fax Number _____

5. Vendor's e-mail address _____

6. Authorizing Signature _____

7. Title of Person Signing Bid _____

8. If addenda were issued, please acknowledge the receipt of: (please write "yes" if you received one)
Addendum 1 _____ Addendum 2 _____ Addendum 3 _____ Addendum 4 _____

9. If applicable, please indicate below if discounts will be allowed for prompt payment or if there is not discount offered:
_____ % Net 10 Days; _____ % Net 20 Days; _____ % Net 30 Days; _____ No Discount

COOPERATIVE PURCHASING - Vendors are to indicate if it is permissible for other governmental agencies in the State of Tennessee to purchase these items or services at the same price. Freight charges may be adjusted to reflect differences in delivery costs to other locations. Please indicate the approval of Cooperative Purchasing.

_____ Yes _____ No

SCHOOL CONTRACTS ONLY

CRIMINAL HISTORY RECORDS CHECK – Do you agree to comply with Public Chapter 587 of 2007 which requires all contractors to facilitate a criminal history check, including fingerprinting, conducted by the Tennessee Bureau of Investigation and the Federal Bureau of Investigation for each employee or subcontractor personnel before permitting the employee or subcontractor personnel to have contact with students or enter school grounds?

_____ Yes _____ No

**2017-1020-ALL FUNDS – FLOORING REMOVAL & INSTALLATION
NON –COLLUSION, INDEPENDENT PRICE DETERMINATION,
NON-DISCRIMINATION, NON-DEBARMENT & LOBBYING AFFIDAVIT**

I do hereby certify that this bid is made without prior understanding, agreement, or connection with any corporation, firm, or person submitting a bid for the same materials, supplies, or equipment, and is in all respects fair and without collusion or fraud.

I understand that collusive pricing is a violation of State and Federal law and can result in fines, prison sentences, and civil damage awards and that no collusion with another firm was used in preparation of this bid.

I also certify that this firm does not discriminate against any employee or applicant for employment on the grounds of race, color, national origin or sex; and does not and will not maintain or provide for his employees any segregated facilities at any of its establishments, and further, that the firm does not and will not permit their employees to perform their services at any location under this contract where segregated facilities are maintained.

By submission of this bid, the bidder certifies that neither it or its principals is presently debarred, suspended, proposed for debarment, declared ineligible or voluntarily excluded from participation in this transaction by any Federal or State department or agency.

I further certify that during the Invitation to Bid solicitation and/or during the performance of this contract that neither it nor its principals will participate in lobbying activities in conjunction with this project.

I agree to abide by all terms and conditions of this Invitation to Bid and certify that I am authorized to sign this affidavit for the vendor.

Please indicate which of the following apply to your company. This information is requested for information purposes only. Roane County currently has no policy that allows for set asides or preferences for woman owned or minority owned businesses.

African American Owned
 Caucasian Owned
 Native American Owned
 Other Owned

Asian Owned
 Hispanic Owned
 Woman Owned

Signature

Title

**2017-1020-ALL FUNDS – FLOORING REMOVAL & INSTALLATION
DRUG-FREE WORKPLACE AFFIDAVIT**

STATE OF _____

COUNTY OF _____

The undersigned, principal officer of _____, an employer of five (5) or more employees contracting with Roane County Government to provide construction services, hereby states under oath as follows:

1. The undersigned is a principal officer of _____ (hereinafter referred to as the "Company"), and is duly authorized to execute this Affidavit on behalf of the Company.
2. The Company submits this Affidavit pursuant to T.C.A. § 50-9-113, which requires each employer with no less than five (5) employees receiving pay who contracts with the state or any local government to provide construction services to submit an affidavit stating that such employer has a drug-free workplace program that complies with Title 50, Chapter 9, of the *Tennessee Code Annotated*.
3. The Company is in compliance with T.C.A. § 50-9-113.

Further affiant saith not.

Principal Officer

STATE OF _____

COUNTY OF _____

Before me personally appeared _____, with whom I am personally acquainted (or proved to me on the basis of satisfactory evidence), and who acknowledged that such person executed the foregoing affidavit for the purposes therein contained.

Witness my hand and seal at office this _____ day of _____, 20____.

Notary Public

My commission expires _____.

**2017-1020-ALL FUNDS – FLOORING REMOVAL & INSTALLATION
BUSINESS TAX & LICENSE AFFIDAVIT**

The undersigned, ("Affiant"), states that he/she has legal authority to swear this on behalf of _____ ("Contractor"); that Contractor is not in any manner in violation of *Tennessee Code Annotated, §5-14-108(l)* which provides that "no purchase shall be made or purchase order or contract of purchase issued for tangible personal property or services by county officials or employees, acting in their official capacity, from any firm or individual whose business tax or license is delinquent".

Affiant affirms and warrants that Contractor's licenses are currently valid and all business taxes have been paid and are current as of the date of this affidavit. Contractor is licensed and pays business taxes in _____ County, Tennessee.

AFFIANT

By: _____

Title: _____

Date: _____

Witness: _____

Date: _____

**2017-1020-ALL FUNDS – FLOORING REMOVAL & INSTALLATION
INVITATION TO BID
SPECIFICATIONS**

Roane County is inviting bids for the removal and installation of carpet and composite tile according to the specifications contained herein. The bid is for a specific project at Kingston Elementary School, 2000 Kingston Highway, Kingston, Tennessee 37763. Bid pricing is also requested in incremental prices for other projects that may arise in the county for the fiscal year.

REQUIRED DOCUMENTS

Bidders must use the envelope cover sheet included herein.

The following documents must be returned in the bid envelope:

- Vendor Information Sheet
- Non-Collusion, Independent Price Determination, Non-Discrimination, Non-Debarment & Lobbying Affidavit
- Drug-Free Workplace Affidavit
- Statement of Compliance Certificate of Illegal Immigrants
- Business Tax & License Affidavit
- Certificate of Insurance issued by the Contractor's Insurance Company.

CONTRACT

The Roane County's Purchase Order, the Terms & Conditions, and the Specifications of this Invitation to Bid will serve as the construction contract.

QUESTIONS

Questions received after 2:00 p.m. on Wednesday, March 1, 2017 will not be answered.

Project #1 – Kingston Elementary Composite Tile Removal & Installation

Instruction to Bidders:

1. Honor this bid for 45 days from the date of the bid opening.
2. Enter into and execute a contract if presented on the basis of this bid and furnish certificate(s) of insurance, bonds, and other documents related to the contract as required by the bidding documents.
3. Accomplish work in accordance with the contract documents and the enclosed bid specifications.
4. Achieve substantial completion of the work within _____ from Notice to Proceed.
5. Achieve substantial completion of the work in accordance with the number of calendar days contract time set forth, allotted from and including the date stipulated in the Notice to Proceed; and, accept the conditions for Liquidated Damages in the amount of \$50 per calendar day.
6. Perform additional work by change order under the terms of the contract using the actual cost of the work plus ten percent (10%) for overhead and five percent (5%) for profit.
7. Contractor shall comply with Public Chapter 587 of 2007, as codified in Tennessee Code Annotated (TCA) §49-5-413, which requires all contractors to facilitate a criminal history records check conducted by the Tennessee Bureau of Investigation and the Federal Bureau of Investigation for each employee prior to permitting the employee to have contact with students or enter school grounds when students are present.
8. If bidding more than \$25,000, contractors are to be licensed in accordance to TCA §62-6-101-129.
9. Pursuant to and in compliance with the Invitation to Bid, the Instructions to Bidders, and other documents relating thereto, the Contractor hereby proposes to furnish all labor and materials, including floor transitions, reducers, and terminations necessary to complete the work.

Description of Work:

The contractor is required to remove all Vinyl Tile and install Vinyl Composite Tile in accordance with the enclosed specifications and drawing.

The contractor is required to remove all Vinyl Base and install 6” Rubber Base in accordance with the enclosed specifications and drawing.

Lump Sum Price for Kingston Elementary School \$ _____

Project(s) #2 – Pricing for Fiscal Year Bid - Tile

Also, requested is incremental bid pricing for the removal of vinyl tile and installation of composite vinyl tile and the removal of vinyl base and to install rubber 4” and 6” rubber base. This pricing is to be based on the enclosed specifications.

Price as follows:

Removal of existing vinyl tile	\$_____ per square foot
Installation of vinyl composite tile (standard colors)	\$_____ per square foot
Installation of vinyl composite tile (premium colors)	\$_____ per square foot
Removal of existing base	\$_____ per lineal foot
Installation of 4” rubber base	\$_____ per lineal foot
Installation of 6” rubber base	\$_____ per lineal foot

Project(s) #3 – Pricing for Fiscal Year Bid - Carpet

Bids are requested for the replacement of carpet with modular carpet tiles per square foot and the replacement of vinyl carpet tile with modular carpet tile, as per the enclosed specifications.

Replacement of carpet with modular carpet tiles	\$_____ per square foot
Replacement of vinyl tile with modular carpet tiles	\$_____ per square foot

BID ENVELOPE COVER SHEET

Bid #2017-1020-ALL FUNDS

Project: Flooring Removal & Installation, Carpet & Composite Tile

ROANE COUNTY COURTHOUSE
200 EAST RACE STREET
KINGSTON, TN 37763

Bid Date & Time: **Tuesday, March 7, 2017**
2:00 p.m. (Eastern Time Zone)

Bids must be delivered prior to the aforementioned date and time to:
Roane County Purchasing
200 East Race Street
Suite #3
Kingston, Tennessee 37763

Bidder Name & Address: _____	

TN License Number: _____	Limit: _____
Expiration Date: _____	Classification: _____

SECTION 09 65 00 - RESILIENT FLOORING AND ACCESSORIES**PART 1 - GENERAL****1.1 RELATED DOCUMENTS**

- A. Drawings and general provisions of the Contract, including General and Supplementary Conditions and Division 01 Specification Sections, apply to this Section.

1.2 SUMMARY

- A. This Section includes the following:
 - 1. Resilient Vinyl Composition Tile.
 - 2. Resilient Base and Accessories.
- B. Related Sections include the following:
 - 1. Section 03 30 00 - Cast-in-Place Concrete, flooring substrates.

1.3 REFERENCES

- A. ASTM International:
 - 1. ASTM E662 - Standard Test Method for Specific Optical Density of Smoke Generated by Solid Materials.
 - 2. ASTM D2047 Standard test method for static coefficient of friction of polished-coated floor surfaces as measured by the James Machine.
 - 3. ASTM F1066 - Standard Specification for Vinyl Composition Floor Tile.
 - 4. ASTM F 2195 Standard Specification for Linoleum Tile Floor Covering
 - 5. ASTM F-2034- Standard Specification for Linoleum Sheet Floor Covering
 - 6. ASTM F710 - Standard practice for preparing concrete floors to receive resilient flooring.
 - 7. ASTM F1869 - Standard test method for measuring vapor emission rate of concrete subfloor using anhydrous calcium chloride.
 - 8. ASTM F1861 - Standard Specification for Resilient Wall Base.
- B. Federal Specification Unit:
 - 1. FS L-F-475 - Floor Covering Vinyl, Surface (Tile and Roll), with Backing.
- C. National Fire Protection Association:
 - 1. NFPA 253 - Standard Method of Test for Critical Radiant Flux for Floor Covering Systems Using a Radiant Heat Energy Source.

1.4 SUBMITTALS

- A. Shop Drawings: Indicate seaming plan, custom patterns and inlay designs and self-coving base detail.
- B. Product Data: Submit data describing physical and performance characteristics; including sizes, patterns and colors available; and installation instructions.

- C. Samples:
 - 1. Submit manufacturer's complete set of color samples for initial selection.
 - 2. Submit two samples, 12 x 12 inches in size, illustrating color and pattern for each resilient flooring product specified.
 - D. Operation and Maintenance Data: Submit maintenance procedures, recommended maintenance materials, and suggested schedule for cleaning, stripping, and re-waxing.
- 1.5 QUALITY ASSURANCE
- A. Resilient flooring materials shall comply with the Americans with Disabilities Act Design Guidelines recommendations for slip resistance on both flat and ramped surfaces.
 - B. Resilient sheet flooring installer shall be approved in writing by the flooring manufacturer.
- 1.6 ENVIRONMENTAL REQUIREMENTS
- A. Maintain temperature in storage area between 55 degrees F and 90 degrees F.
 - B. Store materials for not less than 48 hours prior to installation in area of installation at temperature of 70 degrees F to achieve temperature stability. Thereafter, maintain conditions above 55 degrees F.
- 1.7 EXTRA MATERIALS
- A. Furnish 25 square feet of each flooring and 25 lineal feet of base for each type and color specified.
- 1.8 DELIVERY, STORAGE, AND HANDLING
- A. Protect materials from physical damage and from deterioration by moisture, soiling, and other sources. Store inside and in a dry location. Comply with manufacturer's written instructions for handling, storing, and protecting during installation.

PART 2 - PRODUCTS

2.1 MANUFACTURERS

- A. Whenever a product is specified by using a proprietary name or the name of particular manufacturer or vendor, the specific item mentioned shall be understood as establishing type, function, dimension, appearance and quality desired. Other manufacturers offering comparable products may be considered.

2.2 RESILIENT BASE

- A. Manufacturers:
 - 1. Roppe Corp.

2. Johnsonite
3. Mannington

- B. Base: ASTM F1861 Rubber; top set covered:
1. Height: 4 inch.
 2. Thickness: 0.125 inch thick.
 3. Finish: Matte.
 4. Length: Roll.

2.3 VINYL COMPOSITION TILE FLOORING

- A. Manufacturers:
1. Azrock
 2. Mannington
 3. Armstrong
- B. Vinyl Composition Tile: Refer to Finish Schedule for color and pattern selections.
1. ASTM F1066:
 2. Thickness: 0.125 inch.
- C. Colors: Provide up to 5 (five) solid colors 1 (one) field color.
- a. Red
 - b. Blue
 - c. Yellow
 - d. Black
 - e. White
 - f. Field Color: As selected by Owner from manufacturer's full range of standard colors.

2.4 ACCESSORIES

- A. Subfloor Filler: Premix latex; type recommended by adhesive material manufacturer.
- B. Primers and Adhesives: Waterproof; types recommended by flooring manufacturer.
- C. Moldings and Edge Strips: Same material as flooring. Provide profile as required to form smooth transition between materials.
- D. Sealer and Wax: Types recommended by flooring manufacturer.

PART 3 - EXECUTION

3.1 EXAMINATION

- A. Examine to ensure satisfactory substrate surfaces. Satisfactory means smooth and free from cracks, holes, ridges, and coatings preventing adhesive bond, detrimental moisture vapor emissions and other defects impairing performance or appearance.

- B. Examine substrates and conditions, with Installer present, for compliance with requirements of Sections in which substrates and related work are specified and for other conditions affecting performance. Proceed with installation only after unsatisfactory conditions have been corrected.
- C. Verify floor and lower wall surfaces are free of substances capable of impairing adhesion of new adhesive and finish materials.
- D. Moisture vapor emission from the substrate shall not exceed 3 pounds per 1,000 square feet per 24 hour period for rubber flooring; or 5 pounds per 1,000 square feet per 24 hour period for vinyl composition tile, in conformance with ASTM F1869.

3.2 PREPARATION

- A. Remove sub-floor ridges and bumps. Fill minor low spots, cracks, joints, holes, and other defects with sub-floor filler to achieve smooth, flat, hard surface.
- B. Prohibit traffic until filler is cured.
- C. Clean substrate.
- D. Apply primer as required to prevent "bleed-thru" or interference with adhesion by substances that cannot be removed.

3.3 INSTALLATION, GENERAL

- A. Comply with manufacturer's written instructions applicable to products and application indicated.

3.4 INSTALLATION - TILE FLOORING

- A. Mix tile from container to ensure shade variations are consistent when tile is placed. Lay flooring with joints and seams parallel to building lines to produce symmetrical tile pattern.
- B. Scribe flooring to walls, columns, cabinets, floor outlets, and other appurtenances to produce tight joints.
- C. Where floor finishes are different on opposite sides of door, terminate flooring under centerline of door.
- D. Install edge strips at unprotected or exposed edges, where flooring terminates, and where indicated.

3.5 INSTALLATION - BASE

- A. Fit joints tightly and make vertical. Maintain minimum dimension of 18 inches between joints.
- B. Miter internal corners. At external corners, use premolded units. 'V' cut back of base strip to 2/3 of its thickness and fold. At exposed ends, use premolded units.

- C. Install base on solid backing. Bond tightly to wall and floor surfaces.
 - D. Scribe and fit to door frames and other interruptions.
- 3.6 INSTALLATION - STRIPING
- A. Duplicate pattern and colors of existing floor striping.
 - B. Take photographs and accurate measurements prior to demolishing existing flooring material.
 - C. Miter internal and exterior corners.
 - D. Factory cut material in 2 inch widths for both straight and radius pieces in order to provide professional installation. Field cut pieces used for striping will not be accepted.
- 3.7 CLEANING
- A. Remove excess adhesive from floor, base, and wall surfaces without damage.
 - B. Clean, seal, and maintain resilient flooring products.
- 3.8 PROTECTION OF INSTALLED CONSTRUCTION
- A. Prohibit traffic on resilient flooring for 48 hours after installation.
- 3.9 PROTECTION
- A. Protect installed materials from damage due to harmful weather exposures, physical abuse, and other causes. Provide temporary coverings or enclosures where material is subject to abuse.
- 3.10 DISPOSAL OF DEMOLISHED MATERIALS
- A. General: Except items or materials indicated to remain or be salvaged and reinstalled, or otherwise indicated to remain as Owner's property, remove demolition waste materials from Project site and dispose of them in an EPA-approved construction and demolition waste landfill acceptable to authorities having jurisdiction.
 - 1. Do not allow demolished materials to accumulate on-site.
 - 2. Remove and transport debris in a manner that will prevent spillage on adjacent surfaces and areas.
 - 3. Remove debris from elevated portions of building by chute, hoist, or other device that will convey debris to grade level in a controlled descent.
 - B. Burning: Do not burn demolished materials.

3.11 CLEANING

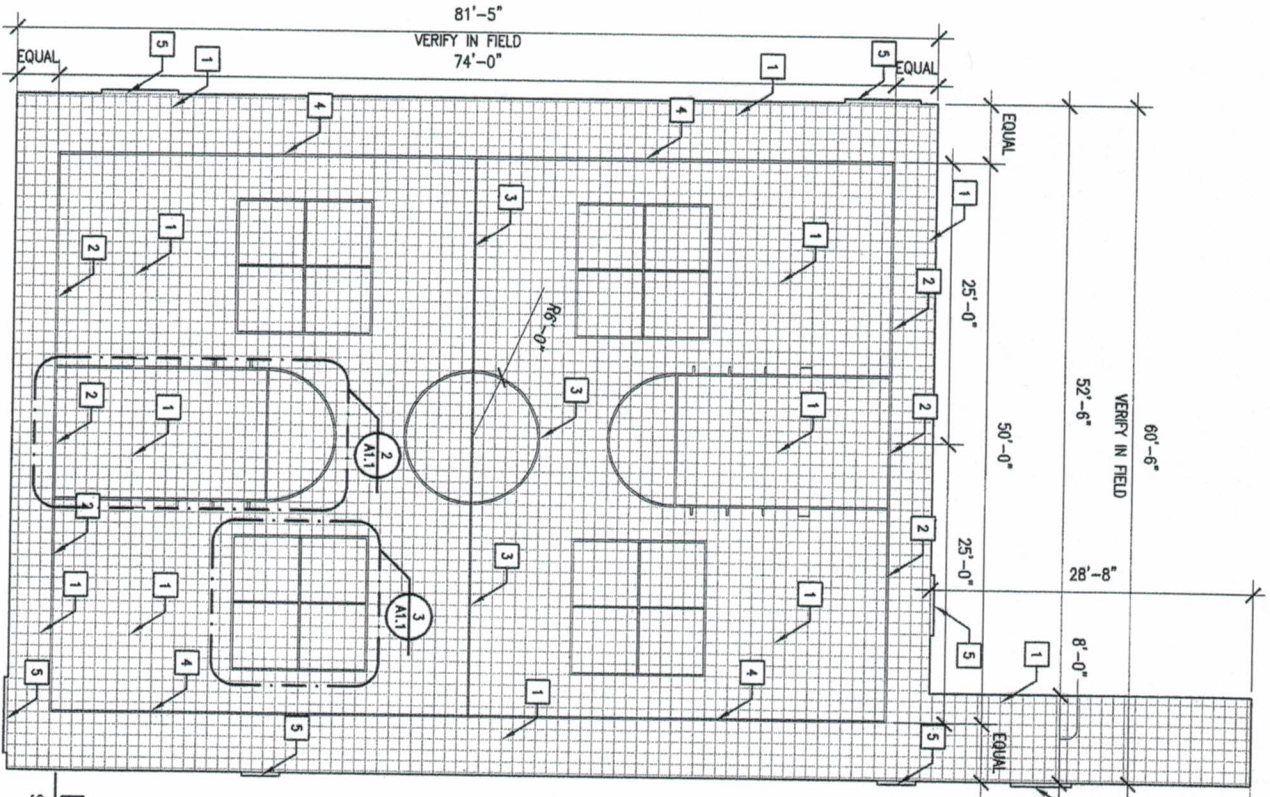
- A. Clean adjacent structures and improvements of dust, dirt, and debris caused by selective demolition operations. Return adjacent areas to condition existing before selective demolition operations began. Maintain protection of existing to remain construction and salvaged materials.
- B. Cleanup and Disposal
 - 1. The Contractor will be required to submit to the Architect an approval letter from the landfill of their choice indicating that the landfill will accept such lead-based paint waste and debris prior to starting the demolition activities.

END OF SECTION 09 65 00

ROANE COUNTY SCHOOLS
KINGSTON ELEMENTARY SCHOOL

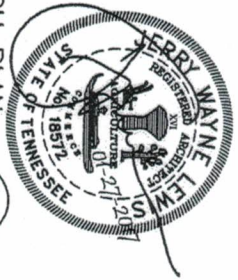
09 65 00 - 6

RESILIENT FLOORING AND
ACCESSORIES

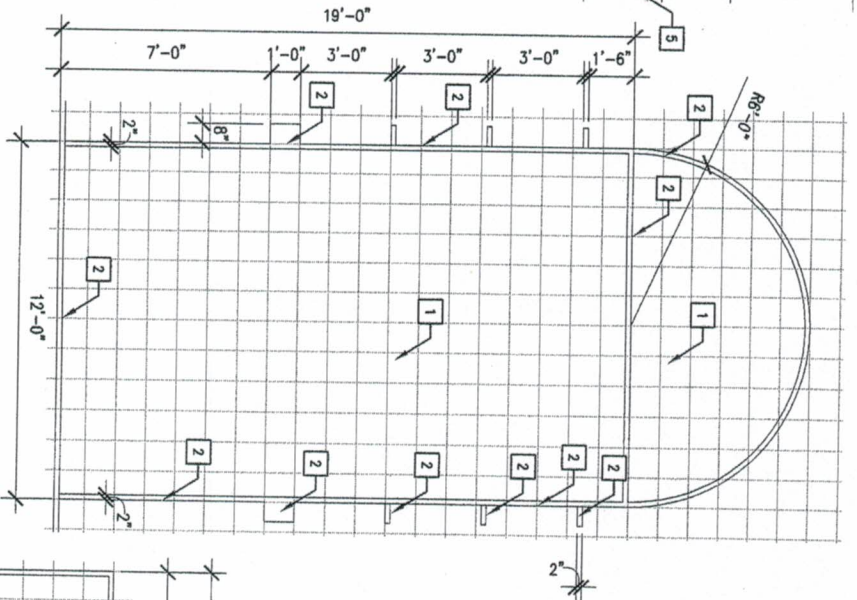


FINISH PLAN
SCALE: 3/32" = 1'-0"

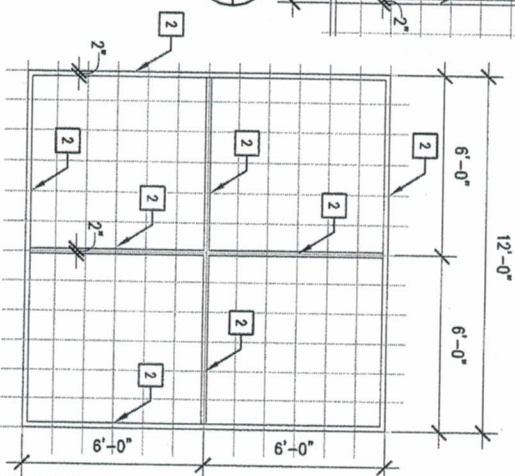
1
A1.1



BB LANE PLAN
SCALE: 1/4" = 1'-0" (TYP. FOR 2)
2
A1.1



FOURSQUARE COURT PLAN
SCALE: 1/4" = 1'-0" (TYP. FOR 4)
3
A1.1



- FLOOR PLAN KEY NOTES**
- 1 FIELD TILE (2' x 12')
 - 2 ACCENT TILE "X" INLAY (2" WIDE SOLID RED)
 - 3 ACCENT TILE "T" INLAY (2" WIDE SOLID BLUE)
 - 4 ACCENT TILE "C" INLAY (2" WIDE SOLID YELLOW)
 - 5 TRANSPARENT STRIP INLAY

<p>THE LEWIS GROUP ARCHITECTS</p> <p>6512 DEANE HILL DR. KNOXVILLE, TN 37919 PH: 865.584.5000 FX: 865.588.1272</p> <p>63 N. COOKE ST. CLEVELAND, TN 37311 PH: 423.476.0012</p> <p>info@lewisgroup.com www.lewisgroup.com</p>	<p>Project: Roane County Floor Replacement Kingston Elementary School</p>	<p>Project No.: 16043</p>	<p>Date: 01.27.2017</p>	<p>Drawing No.:</p>
	<p>Drawing Title: Finish Plan and Details</p>			

SECTION 09 68 00 - CARPETING**PART 1 - GENERAL****1.1 SUMMARY**

- A. This Section includes the following:
1. Modular carpet tile.
 2. Installation accessories and materials.
- B. Carpet Tile: provide under an allowance of _____) per square ~~yard~~ ^{FOOT}, installed cost.

1.2 PREINSTALLATION MEETINGS

- A. Preinstallation Conference: Conduct conference at Project site. Review methods and procedures related to carpet tile installation including, but not limited to, the following:
1. Review delivery, storage, and handling procedures.
 2. Review ambient conditions and ventilation procedures.
 3. Review subfloor preparation procedures.

1.3 REFERENCES

- A. Carpet and Rug Institute (CRI) Carpet Installation Standard, current edition.

1.4 SUBMITTALS

- A. Product Data: For the following, including installation recommendations for each type of substrate:
1. Carpet: For each type indicated. Include manufacturer's written data on physical characteristics, durability, and fade resistance.
- B. Shop Drawings: Show the following, as applicable:
1. Columns, doorways, enclosing walls or partitions, built-in cabinets, and locations where cutouts are required in carpet.
 2. Carpet type, color, and dye lot.
 3. Seam locations, types, and methods.
 4. Type of subfloor.
 5. Type of installation.
 6. Pattern type, repeat size, location, direction, and starting point.
 7. Pile direction.
 8. Type, color, and location of insets and borders.
 9. Type, color, and location of edge, transition, and other accessory strips.
 10. Transition details to other flooring materials.
- C. Samples: For each of the following products and for each color and texture required. Label each Sample with manufacturer's name, material description, color, pattern, and designation indicated on Drawings and in schedules.
1. Carpet: 12-inch-square Sample.

2. Exposed Edge, Transition, and other Accessory Stripping: 12-inch- long Samples.

1.5 DELIVERY, STORAGE, AND HANDLING

- A. Comply with CRI Carpet Installation Standard, Section 5, "Storage and Handling."

1.6 PROJECT CONDITIONS

- A. Comply with CRI Carpet Installation Standard, Section 7, "Site Conditions."
- B. Environmental Limitations: Do not install carpet until wet work in spaces is complete and dry, and ambient temperature and humidity conditions are maintained at the levels indicated for Project when occupied for its intended use.
- C. Do not install carpet over concrete slabs until slabs have cured, are sufficiently dry to bond with adhesive, and have pH range recommended by carpet manufacturer.
- D. Where demountable partitions or other items are indicated for installation on top of carpet, install carpet before installing these items.

PART 2 - PRODUCTS

2.1 CARPET TILE

- A. Whenever a product is specified by using a proprietary name or the name of particular manufacturer or vendor, the specific item mentioned shall be understood as establishing type, function, dimension, appearance and quality desired. Other manufacturers offering comparable products may be considered.
- B. Acceptable Manufacturers:
 1. Mannington, Style: CT35M, Color: PIHI, Size: 24x24
 2. Bentley Prince Street.
 3. Interface.
 4. J&J Carpets
- C. General requirements:
 1. Green Label Plus Certified, backing and facing combined.
 2. Moisture barrier backing.
 3. Fiber Type: Minimum nylon 6, preferably nylon 6,6.
 4. Antimicrobial
- D. Color and Pattern: provide minimum three coordinating patterns. Color and pattern to be selected.

2.2 INSTALLATION ACCESSORIES

- A. Trowelable Leveling and Patching Compounds: Latex-modified, hydraulic-cement-based formulation provided or recommended by carpet manufacturer.
- B. Adhesives: Water-resistant, mildew-resistant, nonstaining type to suit products and subfloor conditions indicated, that complies with flammability requirements for installed carpet and is recommended or provided by carpet manufacturer.
 - 1. At Contractor's option pre-applied, releasable adhesive may be provided.
- C. Seam Adhesive: Hot-melt adhesive tape or similar product recommended by carpet manufacturer for sealing and taping seams and butting cut edges at backing to form secure seams and to prevent pile loss at seams.
- D. Resilient edge strips: Reference drawings for transition conditions. Color to be selected.

PART 3 - EXECUTION

3.1 EXAMINATION

- A. Examine substrates, areas, and conditions, with Installer present, for compliance with requirements for maximum moisture content, alkalinity range, installation tolerances, and other conditions affecting carpet performance. Examine carpet for type, color, pattern, and potential defects.
- 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 adhesive bond. Determine adhesion and dryness characteristics by performing bond and moisture tests recommended by carpet manufacturer.
 - 2. Subfloor finishes comply with requirements specified in Division 03 Section "Cast-in-Place Concrete" for slabs receiving carpet.
 - 3. Subfloors are free of cracks, ridges, depressions, scale, and foreign deposits.
- C. Proceed with installation only after unsatisfactory conditions have been corrected.

3.2 PREPARATION

- A. General: Comply with CRI Carpet Installation Standard, Section 7, "Site Conditions", Section 8 "Substrates" and with carpet manufacturer's written installation instructions for preparing substrates.
- B. Use trowelable leveling and patching compounds, according to manufacturer's written instructions, to fill cracks, holes, depressions, and protrusions in substrates. Fill or level cracks, holes and depressions 1/8 inch wide or wider, and protrusions more than 1/32 inch, unless more stringent requirements are required by manufacturer's written instructions.

- C. Remove coatings, including curing compounds, and other substances that are incompatible with adhesives and that contain soap, wax, oil, or silicone, without using solvents. Use mechanical methods recommended in writing by carpet manufacturer.
- D. Broom and vacuum clean substrates to be covered immediately before installing carpet.

3.3 INSTALLATION

- A. General: Comply with CRI Carpet Installation Standard, Section 18, "Modular Carpet," and with carpet tile manufacturer's written installation instructions.
- B. Comply with carpet manufacturer's written recommendations and Shop Drawings 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.
- 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 nosings. Bind or seal cut edges as recommended by carpet manufacturer.
- E. Extend carpet into toe spaces, door reveals, closets, open-bottomed obstructions, removable flanges, alcoves, and similar openings.
- F. Maintain reference markers, holes, and openings that are in place or marked for future cutting by repeating on finish flooring as marked on subfloor. Use nonpermanent, nonstaining marking device.
- G. Install pattern in accordance with Contract Documents and approved shop drawings.

3.4 CLEANING AND PROTECTING

- A. Perform the following operations immediately after installing carpet tile:
 - 1. Remove excess adhesive, seam sealer, and other surface blemishes using cleaner recommended by carpet tile manufacturer.
 - 2. Remove yarns that protrude from carpet tile surface.
 - 3. Vacuum carpet tile using commercial machine with face-beater element.
- B. Protect installed carpet to comply with CRI Carpet Installation Standard, Section 20, "Protecting Indoor Installations."
- C. Protect carpet against damage from construction operations and placement of equipment and fixtures during the remainder of construction period. Use protection methods indicated or recommended in writing by carpet manufacturer and carpet adhesive manufacturer.

Project Number

[Select Publish Date]

END OF SECTION 09 68 00