

SECTION 00 0200 - INVITATION TO BIDDERS

SEALED BIDS WILL BE RECEIVED FOR THE SUPPLY OF FLOORING MATERIAL FOR CENTRAL CITY PUBLIC SCHOOLS, CENTRAL CITY MIDDLE SCHOOL, 2815 17TH AVENUE, CENTRAL CITY, NEBRASKA. INSTALLATION OF PROVIDED FLOORING MATERIAL SHALL BE COMPLETED BY THE OWNER.

- 1.01 Proposals will be received until 2:00 p.m., Wednesday, February 9, 2022, at the Main Reception of Cental City High School, 1510 28th Street, Central City, Nebraska.**
- 1.02 Proposals will be received for a single supplier for the Work. Low bid will be based on base bid accepted by the Owner. Substitutions will not be used to determine the low bidder. Faxed bids will not be acceptable.**
- 1.03 Delivery of material shall be completed as close to, but no later than May 18th, 2022.**
- 1.04 Drawings and specifications will be distributed from the following locations:**
 - A. Central City Public Schools, 1510 28th Street, Central City, Nebraska**
- 1.05 ANYTHING HEREIN TO THE CONTRARY NOTWITHSTANDING, THE BOARD IS NOT BOUND TO ACCEPT THE LOW PROPOSAL; THE BOARD RESERVES THE RIGHT TO REJECT ANY AND ALL PROPOSALS, AND THE BOARD RESERVES THE ABSOLUTE RIGHT TO SELECT THE FIRM OR TEAM WHICH IS, IN THE BOARD'S SOLE DISCRETION, BEST SUITED TO PROVIDING THE REQUESTED SERVICES ON A COMPETENT, TIMELY BASIS, REGARDLESS OF PRICE.**
- 1.06 Five percent (5%) Bid Security is required. One hundred percent (100%) Performance Bond and Labor and Material Payment Bond are required.**
- 1.07 FOR PURPOSES OF THESE DOCUMENTS, THE OWNER IS USING THE TERM BID(S), BIDDER(S), BIDDING AS SYNONYMOUS WITH THE TERM PROPOSAL(S).**
- 1.08 MERRICK COUNTY PUBLIC SCHOOL DISTRICT 61-004**
- 1.09 d.b.a. CENTRAL CITY PUBLIC SCHOOLS**
- 1.10 1510 28TH STREET**
- 1.11 CENTRAL CITY, NEBRASKA 68826**
- 1.12 JEFF JENSEN, SUPERINTENDENT**

END OF SECTION 00 0200

SECTION 00 30 00 - PROPOSAL FORM

A Proposal of: _____
CONTRACTOR'S NAME

CITY, STATE

TO: CENTRAL CITY PUBLIC SCHOOLS
CENTRAL CITY, NEBRASKA

ANYTHING HEREIN TO THE CONTRARY NOTWITHSTANDING, THE BOARD IS NOT BOUND TO ACCEPT THE LOW PROPOSAL; THE BOARD RESERVES THE RIGHT TO REJECT ANY AND ALL PROPOSALS, AND THE BOARD RESERVES THE ABSOLUTE RIGHT TO SELECT THE FIRM OR TEAM WHICH IS, IN THE BOARD'S SOLE DISCRETION, BEST SUITED TO PROVIDING THE REQUESTED SERVICES ON A COMPETENT, TIMELY BASIS, REGARDLESS OF PRICE.

I have received Bidding Documents dated January 2022 on the above-named project. I have examined the Bidding Documents, and submit the following proposal:

LUMP SUM BASE BID:

_____ DOLLARS (\$ _____)

In submitting this proposal, I agree -

1. To hold my proposal open for (30) days after the receipt of proposals.
2. To enter into and execute an "Owner-Contractor Agreement", based upon this proposal, if this proposal is accepted by the Owner.
3. To perform all work required by the Contract Documents.
4. To substantially complete all work by May 18th, 2022.

In submitting this proposal, it is understood that the right to reject any and all proposals has been reserved by the Owner.

Dated this _____ day of _____, 2021.

Please indicate: **Individual** **Partnership** **Corporation**

Signature _____

Printed Name _____

Title _____

Firm Name, if any _____

Address for Communications _____

Phone Number _____

Attest

Signature of Corporate Secretary
(seal)

END OF SECTION 00 30 00

SECTION 01 1000 - SUMMARY

PART 1 GENERAL

1.01 SUMMARY

A. This Section includes the following:

1. Work covered by the Contract Documents.

1.02 WORK COVERED BY CONTRACT DOCUMENTS

A. Project Identification: Middle School Flooring

1. Project Location: 2815 17th Avenue, Central City, Nebraska.

B. Owner: Merrick County School District 61-0004, d.b.a. Central City Public Schools, 1510 28th Street, Central City, NE 68826

1. Owner's Representative: Jeff Jensen, Superintendent

C. Architect: CMBA Architects, 208 N. Pine St., Suite 301, Grand Island, NE 68801

D. The Work consists of the following:

1. 1650 SF of Luxury Vinyl Tile (LVT) - provide one third of total square footage of each color specified.
2. 11,000 SF of specified gray carpet
3. 14,750 SF of specified black carpet
4. Recommended adhesive for each product type.
5. Owner shall be responsible for installation of provided products.
6. **Delivery of materials shall occur as close to, but not later than May 18th, 2022.**

1.03 TYPE OF CONTRACT

A. Project will be constructed under a single prime contract.

P2 PRODUCTS (NOT USED)

P3 EXECUTION (NOT USED)

END OF SECTION 01 1000

SECTION 09 6500 - RESILIENT FLOORING

PART 1 GENERAL

1.01 SECTION INCLUDES

- A. Resilient tile flooring.
- B. Installation accessories.

1.02 RELATED REQUIREMENTS

1.03 REFERENCE STANDARDS

- A. ASTM D6329 - Standard Guide for Developing Methodology for Evaluating the Ability of Indoor Materials to Support Microbial Growth Using Static Environmental Chambers 1998 (Reapproved 2015).
- B. ASTM E648 - Standard Test Method for Critical Radiant Flux of Floor-Covering Systems Using a Radiant Heat Energy Source 2019a, with Editorial Revision (2020).
- C. ASTM F710 - Standard Practice for Preparing Concrete Floors to Receive Resilient Flooring 2021.
- D. ASTM F1066 - Standard Specification for Vinyl Composition Floor Tile 2004 (Reapproved 2018).
- E. ASTM F1344 - Standard Specification for Rubber Floor Tile 2021a.
- F. ASTM F1700 - Standard Specification for Solid Vinyl Floor Tile 2020.
- G. ASTM F1861 - Standard Specification for Resilient Wall Base 2021.
- H. ASTM F1869 - Standard Test Method for Measuring Moisture Vapor Emission Rate of Concrete Subfloor Using Anhydrous Calcium Chloride 2016a.
- I. ASTM F2169 - Standard Specification for Resilient Stair Treads 2015 (Reapproved 2020).
- J. ASTM F2170 - Standard Test Method for Determining Relative Humidity in Concrete Floor Slabs Using in situ Probes 2019a.
- K. NFPA 253 - Standard Method of Test for Critical Radiant Flux of Floor Covering Systems Using a Radiant Heat Energy Source 2019.
- L. UL 2824 - GREENGUARD Certification Program Method for Measuring Microbial Resistance From Various Sources Using Static Environmental Chambers Current Edition, Including All Revisions.

1.04 SUBMITTALS

- A. See Section 01 3000 - Administrative Requirements, for submittal procedures.
- B. Product Data: Provide data on specified products, describing physical and performance characteristics; including sizes, patterns and colors available; and installation instructions.

- C. Verification Samples: Submit two samples, 2 by 3 inch in size illustrating color and pattern for each resilient flooring product specified.
- D. Maintenance Data: Include maintenance procedures, recommended maintenance materials, and suggested schedule for cleaning, stripping, and re-waxing.
- E. Maintenance Materials: Furnish the following for Owner's use in maintenance of project.
 - 1. See Section 01 6000 - Product Requirements, for additional provisions.
 - 2. Extra Flooring Material: Full Boxes of at least 2% of each type and color.
 - 3. Extra Wall Base: 5% or 25 linear feet of each type and color.

1.05 QUALITY ASSURANCE

- A. Manufacturer Qualifications: Company specializing in manufacturing specified flooring with minimum three years documented experience.

1.06 DELIVERY, STORAGE, AND HANDLING

- A. Upon receipt, immediately remove any shrink-wrap and check materials for damage and the correct style, color, quantity and run numbers.
- B. Store all materials off of the floor in an acclimatized, weather-tight space.
- C. Maintain temperature in storage area between 55 degrees F and 90 degrees F.
- D. Protect roll materials from damage by storing on end.
- E. Do not double stack pallets.

1.07 FIELD CONDITIONS

- A. Store materials for not less than 48 hours prior to installation in area of installation at a temperature of 70 degrees F to achieve temperature stability. Thereafter, maintain conditions above 55 degrees F.

PART 2 PRODUCTS

2.01 TILE FLOORING

- A. Luxury Vinyl Tile: Loose Lay Enhanced Resilient Tile.
 - 1. Manufacturers:
 - a. Mohawk Group, Rep Contact Jon Jorgensen w/ Mohawk Group, C: 402.321.3564.
 - 2. Minimum Requirements: Comply with ASTM F1700, of Class corresponding to type specified.
 - 3. Critical Radiant Flux (CRF): Minimum 0.45 watt per square centimeter, when tested in accordance with ASTM E648 or NFPA 253.

4. Mold and Microbial Resistance: Highly resistant when tested in accordance with ASTM D6329; certified in accordance with UL 2824.
5. Plank Tile Size: 9 by 59 inch.
6. Total Thickness: 0.20 inch.
7. Finish: M-Force Enhanced Urethane
8. Required Adhesive: MS160 Spary Adhesive or M95.0 Resilient Flooring Adhesive
9. Installation Method: Half Lap
10. Product Name: Hot & Heavy Collection / Lineate C0089
 - a. Color Selections:
 - 1) 948 Figured / Appearance Light Gray
 - 2) 957 Cord / Appearance Medium Gray
 - 3) 646 Variegated / Appearance Green
 - b. Provide one third of total square footage in each color selection

2.02 ACCESSORIES

- A. Subfloor Filler: White premix latex; type recommended by adhesive material manufacturer.
- B. Primers, Adhesives, and Seam Sealer: Waterproof; types recommended by flooring manufacturer.

PART 3 EXECUTION

3.01 EXAMINATION

- A. Verify that surfaces are flat to tolerances acceptable to flooring manufacturer, free of cracks that might telegraph through flooring, clean, dry, and free of curing compounds, surface hardeners, and other chemicals that might interfere with bonding of flooring to substrate.
- B. Verify that wall surfaces are smooth and flat within the tolerances specified for that type of work, are dust-free, and are ready to receive resilient base.
- C. Cementitious Subfloor Surfaces: Verify that substrates are ready for resilient flooring installation by testing for moisture and alkalinity (pH).
 1. Test as Follows:
 - a. Alkalinity (pH): ASTM F710.
 - b. Internal Relative Humidity: ASTM F2170.
 - c. Moisture Vapor Emission: ASTM F1869.

2. Obtain instructions if test results are not within limits recommended by resilient flooring manufacturer and adhesive materials manufacturer and preform work.

- D. Verify that required floor-mounted utilities are in correct location.

3.02 PREPARATION

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

3.03 Installation - General

- A. Starting installation constitutes acceptance of subfloor conditions.
- B. Install in accordance with manufacturer's written instructions.
- C. Where type of floor finish, pattern, or color 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.
 1. Resilient Strips: Attach to substrate using adhesive.
- E. Scribe flooring to walls, columns, cabinets, floor outlets, and other appurtenances to produce tight joints.
- F. Install flooring in recessed floor access covers, maintaining floor pattern.
- G. Install feature strips where indicated.

3.04 Installation - Tile Flooring

- A. Mix tile from container to ensure shade variations are consistent when tile is placed, unless otherwise indicated in manufacturer's installation instructions.
- B. Lay flooring with joints and seams parallel to building lines to produce symmetrical pattern.
- C. Install plank tile with a random offset of at least 6 inches from adjacent rows.

3.05 CLEANING

- A. Remove excess adhesive from floor, base, and wall surfaces without damage.
- B. Clean in accordance with manufacturer's written instructions.

3.06 PROTECTION

- A. Prohibit traffic on resilient flooring for 48 hours after installation.

END OF SECTION 09 6500

SECTION 09 6813 - TILE CARPETING

PART 1 GENERAL

1.01 SECTION INCLUDES

- A. Carpet tile, fully adhered.

1.02 REFERENCE STANDARDS

- A. ASTM D2859 - Standard Test Method for Ignition Characteristics of Finished Textile Floor Covering Materials 2016 (Reapproved 2021).
- B. ASTM E648 - Standard Test Method for Critical Radiant Flux of Floor-Covering Systems Using a Radiant Heat Energy Source 2019a, with Editorial Revision (2020).
- C. ASTM F710 - Standard Practice for Preparing Concrete Floors to Receive Resilient Flooring 2021.
- D. ASTM F1869 - Standard Test Method for Measuring Moisture Vapor Emission Rate of Concrete Subfloor Using Anhydrous Calcium Chloride 2016a.
- E. ASTM F2170 - Standard Test Method for Determining Relative Humidity in Concrete Floor Slabs Using in situ Probes 2019a.
- F. CRI 104 - Standard for Installation of Commercial Carpet 2015.
- G. NFPA 253 - Standard Method of Test for Critical Radiant Flux of Floor Covering Systems Using a Radiant Heat Energy Source 2019.

1.03 SUBMITTALS

- A. See Section 01 3000 - Administrative Requirements, for submittal procedures.
- B. Product Data: Provide data on specified products, describing physical and performance characteristics; sizes, patterns, colors available, and method of installation.
- C. Manufacturer's Installation Instructions: Indicate special procedures and perimeter conditions requiring special attention.
- D. Maintenance Data: Include maintenance procedures, recommended maintenance materials, and suggested schedule for cleaning.

1.04 QUALITY ASSURANCE

- A. Installer Qualifications: Company specializing in installing carpet tile with minimum three years documented experience and approved by carpet tile manufacturer.

1.05 FIELD CONDITIONS

- A. Store materials in area of installation for minimum period of 24 hours prior to installation.

PART 2 PRODUCTS

2.01 MANUFACTURERS

- A. Tile Carpeting:
 - 1. Mohawk Group; Rep Contact: Jon Jorgensen C:402.321.3564:
www.mohawkgroup.com/#sle.

2.02 MATERIALS

- A. Tile Carpeting: Tufted
 - 1. Product: Art Style Collection / Disruptive Path / BT430 manufactured by Mohawk.
 - 2. Tile Size: 12 x 36 inch, nominal.
 - 3. Color: 916 Lime Rush. Appearance: Gray with Green streaks
 - 4. Color: 946 Above Par. Appearance: Black with Green streaks
 - 5. Pattern: Half Lap.
 - 6. Primary Backing Material: EcoFlex NXT.
 - 7. Dye Method: Solution Dyed
 - 8. Fiber Type: Colorstrand SD Nylon

2.03 ACCESSORIES

- A. Subfloor Filler: White premix latex; type recommended by flooring material manufacturer.
- B. Edge Strips: Embossed aluminum, color as selected by Architect.
- C. Carpet Tile Adhesive: Recommended by carpet tile manufacturer; releasable type.

PART 3 EXECUTION

3.01 EXAMINATION

- A. Verify that subfloor surfaces are smooth and flat within tolerances specified for that type of work and are ready to receive carpet tile.
- B. Verify that subfloor surfaces are dust-free and free of substances that could impair bonding of adhesive materials to subfloor surfaces.
- C. Cementitious Subfloor Surfaces: Verify that substrates are ready for flooring installation by testing for moisture and alkalinity (pH).
 - 1. Test as Follows:
 - a. Alkalinity (pH): ASTM F710.
 - b. Internal Relative Humidity: ASTM F2170.

- c. Moisture Vapor Emission: ASTM F1869.
- 2. Obtain instructions if test results are not within limits recommended by flooring material manufacturer and adhesive materials manufacturer and preform work.
- D. Verify that required floor-mounted utilities are in correct location.

3.02 PREPARATION

- A. Prepare floor substrates as recommended by flooring and adhesive manufacturers.
- B. Remove subfloor ridges and bumps. Fill minor or local low spots, cracks, joints, holes, and other defects with subfloor filler.
- C. Apply, trowel, and float filler to achieve smooth, flat, hard surface. Prohibit traffic until filler is cured.
- D. Vacuum clean substrate.

3.03 INSTALLATION

- A. Starting installation constitutes acceptance of subfloor conditions.
- B. Install carpet tile in accordance with manufacturer's instructions.
- C. Blend carpet from different cartons to ensure minimal variation in color match.
- D. Cut carpet tile clean. Fit carpet tight to intersection with vertical surfaces without gaps.
- E. Lay carpet tile in square pattern, with pile direction parallel to next unit, set parallel to building lines. according to design recommendation
- F. Locate change of color or pattern between rooms under door centerline.
- G. Fully adhere carpet tile to substrate.
- H. Trim carpet tile neatly at walls and around interruptions.
- I. Complete installation of edge strips, concealing exposed edges.

3.04 CLEANING

- A. Remove excess adhesive without damage, from floor, base, and wall surfaces.
- B. Clean and vacuum carpet surfaces.

END OF SECTION 09 6813