

SAULT STE. MARIE AREA PUBLIC SCHOOLS

876 MARQUETTE AVENUE / SAULT STE MARIE, MI
49783

PHONE (906) 635-6609 - FAX (906) 635-6642

TO: Prospective Bidders

FROM: Michelle Bennin, CFO
Sault Ste. Marie Area Public Schools

SUBJECT: Sault Area Middle School Gym Floor Replacement Proposal

DATE: April 15, 2025

You are invited to submit a bid for the removal and installation of the main gym floor at Sault Area Middle School, 684 Marquette Ave., Sault Ste Marie, MI 49783. There will be a mandatory walk through on April 22, 2025, at 9:30 A.M. Bids will be received until 9:00 A.M. eastern daylight time on Monday, April 28, 2025, at the Sault Ste. Marie Area Public Schools Administration Building 876 Marquette Avenue, Sault Ste. Marie, MI 49783. Your proposal should be based on the specifications included in this proposal.

Description of Project

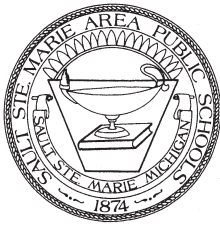
Demolition: Existing wood floor and subfloor to be removed and disposed of in accordance with any and all local state and federal laws. Existing VCT tile flooring to be removed in the remainder of the gym, including under the bleachers. Dumpsters to be included in pricing for floor demolition.

Floor Preparation: After removal of all existing flooring and mastic. Substrate to be primed with Uzin PE-260 primer. Once the primer has dried, a 1 1/2" thick layer of Uzin NC-147CG self-leveler is to be poured. Allow the first layer to dry completely, then prime with Uzin PE-260. Once the primer has dried, pour a 1/4" layer of Uzin NC-147CG self-leveler over the entire floor to obtain a flat smooth surface for the new flooring.

Install New Floor System: Ecore Baller Motivate or similar product. See below specs for Baller Motivate.

Additional Bid Items:

- Door transition strips
- Black cove molding
- Remove and replace current bleachers to replace flooring
- Floor lining TBD during walk through
- Floor area replacement measurements will be taken during walk through



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Questions regarding the specifications should be directed to Tom Nelson, Maintenance and Transportation Director. Tom can be reached via e-mail at nelsont@eupschools.org or phone at 906-635-3839 ext. 5651.



November 7, 2024 - This document is provided solely as a convenience for spec writers in the drafting process. Ecore will not be held responsible for the use or alteration of any information contained herein. For a final approved PDF version of these specifications please visit the literature page at www.ecoreathletic.com

**DIVISION 9 Finishes - SECTION 09 65 66 Resilient Athletic Flooring
Ecore Motivate Class I Composition Rubber Back Sheet Vinyl**

PART 1.0- GENERAL

1.1 SUMMARY

- A. The work of this section includes:
 - 1. Ecore Motivate Class I Composition Rubber Back Sheet Vinyl
 - a. Balanced
 - b. Baller
 - c. Restorative
 - d. Serenity
 - 2. Weld Rod
- B. Related Sections: Section(s) related to this section include:
 - 1. Concrete Substrate: Division 3 Concrete Section(s)
 - 2. Plywood Substrate: Division 6

1.2 REFERENCES

- A. American Society for Testing and Materials (ASTM):
 - 1. See Part 2.0 PROPRIETARY MANUFACTURER/PRODUCTS below
- C. European Committee for Standardization (EN)
 - 1. See Part 2.0 PROPRIETARY MANUFACTURER/PRODUCTS below
- E. Leadership in Energy and Environmental Design – LEED™
 - 1. International Organization for Standardization™ document, ISO 14021 - Provides guidance on the terminology, symbols, testing and verification methodologies that an organization should use for self-declaration of the environmental aspects of its products and services.

1.3 SYSTEM DESCRIPTION

- A. Performance Requirements: Provide Motivate Class I Vulcanized Composition Rubber back sheet vinyl resilient flooring, which has been manufactured and installed to maintain performance criteria stated by manufacturer without defects, damage or failure.

1.4 SUBMITTALS

- A. General: Submit listed submittals in accordance with Conditions of the Contract and Division 1 Submittal Procedures Section.
- B. LEED: Provide documentation of how the requirements for credit will be met.
 - 1. List of proposed materials with recycled content. Indicate pre-consumer and post-consumer content.
 - 2. Product data and certification letter indicating percentage of recycled content for both pre-consumer and post-consumer content.
 - 3. Recycled content is defined in accordance with the International Organization for Standardization document, ISO 14021 Environmental labels and declarations.
 - a. Post-consumer material - waste materials diverted from the waste stream after consumer or commercial use.
 - b. Pre-consumer material - materials diverted from the waste stream during the manufacturing process. Excluded are regrind, rework, and scrap.

- C. Product Data: Submit product data, including manufacturer's guide specifications product sheet, for specified products.
- D. Shop Drawings: Submit shop drawings showing layout, profiles and product components, including anchorage, accessories, finish colors, patterns and textures.
- E. Samples: Submit selection and verification samples for finishes, colors and textures.
- F. Quality Assurance Submittals: Submit the following:
 - 1. Certificates: If required, certification of performance characteristics specified in this document shall be provided by the manufacturer.
 - 2. Manufacturer's Instructions: Manufacturer's installation instructions.

Specifier Note: Coordinate paragraph below with Part 3.5 Field Quality Requirements Article herein. Retain or delete as applicable.

- 3. Manufacturer's Field Reports: Manufacturer's field reports specified herein.
- G. Closeout Submittals: Submit the following:
 - 1. Operation and Maintenance Data: Operation and maintenance data for installed products in accordance with Division 1 Closeout Submittals (Maintenance Data and Operational Data) Section. Include methods for maintaining installed products and precautions against cleaning materials and methods detrimental to finishes and performance.
 - 2. Warranty: Warranty documents specified herein.

1.5 QUALITY ASSURANCE

- A. Qualifications:
 - 1. Installer Qualifications: Installer experienced in performing work of this section who has specialized in installation of work similar to that required for this project.
 - a. Certificate: When requested, submit certificate indicating qualification.
 - 2. Manufacturer's Qualifications: Manufacturer capable of providing field service representation during construction and approving application method.

Specifier Note: Paragraph below should list obligations for compliance with specific code requirements particular to this section. General statements to comply with a particular code are typically addressed in Conditions of Contract and Division 1 Regulatory Requirements Section. Regulatory Requirements: [specify applicable requirements of regulatory agencies].

- B. Mock-Ups: Install at project site a job mock-up using acceptable products and manufacturer-approved installation methods. Obtain Owner and Architect's acceptance of finish color, texture and pattern, and workmanship standard. Comply with Division 1 Quality Control (Mock-Up Requirements) Section.
 - 1. Mock-Up Size: [specify mock-up size].
 - 2. Maintenance: Maintain mock-up during construction for workmanship comparison; remove and legally dispose of mock-up when no longer required.
 - 3. Incorporation: Mock-up may be incorporated into final construction upon Owner's approval.
- C. Pre-installation Meetings: Conduct pre-installation meeting to verify project requirements, substrate conditions, manufacturer's instructions and manufacturer's warranty requirements. Comply with Division 1 Project Management and Coordination (Project Meetings) Section.
- D. Pre-installation Testing: Conduct pre-installation testing as follows: [specify substrate testing; consult with flooring manufacturer].

1.6 DELIVERY, STORAGE & HANDLING

- A. General: Comply with Division 1 Product Requirements Sections.
- B. Ordering: Comply with manufacturer's ordering instructions and lead time requirements to avoid construction delays.
- C. Delivery: Deliver materials in manufacturer's original, unopened, undamaged containers with identification labels intact.

- D. Storage and Protection: Store materials at temperature and humidity conditions recommended by manufacturer and protect from exposure to harmful weather conditions.

1.7 PROJECT CONDITIONS

- A. Temperature Requirements: Maintain air temperature in spaces where products will be installed for time period before, during and after installation as recommended by manufacturer.
- B. Field Measurements: Verify actual measurements/openings by field measurements before fabrication; show recorded measurements on shop drawings. Coordinate field measurements and fabrication schedule with construction progress to avoid construction delays.

1.8 WARRANTY

- A. Project Warranty: Refer to Conditions of the Contract for project warranty provisions.
- B. Manufacturer's Warranty: Submit, for Owner's acceptance, manufacturer's standard warranty document executed by authorized company official. Manufacturer's warranty is in addition to, and not a limitation of, other rights Owner may have under Contract Documents.

Specifier Note: Coordinate paragraph below with manufacturer's warranty requirements.

- 1. Warranty Period: Specify years commencing on Date of Substantial Completion.

1.9 MAINTENANCE

- A. Extra Materials: Deliver to Owner extra materials from same production run as products installed. Package products with protective covering and identify with descriptive labels. Comply with Division 1 Closeout Submittals (Maintenance Materials) Section.
 - 1. Quantity: Furnish quantity of resilient flooring units equal to [specify %] of amount installed.
 - 2. Delivery, Storage and Protection: Comply with Owner's requirements for delivery, storage and protection of extra materials.
 - 3. Cleaning: Furnish flooring manufacturer's neutral cleaner for initial cleaning and maintenance of finished floor surface.

PART 2.0 - PROPRIETARY MANUFACTURER/PRODUCTS

Specifier Note: Retain article below for proprietary method specification. Add product attributes performance characteristics, material standards and descriptions as applicable. Use of such phrases as "or equal" or "or approved equal" or similar phrases may cause ambiguity in specifications. Such phrases require verification (procedural, legal and regulatory) and assignment of responsibility for determining "or equal" products.

2.1 MANUFACTURER: Ecore

- A. Address: 715 Fountain Ave., Lancaster, PA 17601; Telephone: (800) 322-1923, (717) 295-3400; Fax: (717) 295-3414; Email: info@ecoreintl.com
- B. WBE supplier is required.

2.2 PROPRIETARY PRODUCT(S)

- A. Flooring manufactured by Ecore.
 - 1. No product substitutions allowed.
 - 2. Ecore Motivate Class I Composition Rubber Back Sheet Vinyl
 - a. Balanced
 - b. Baller
 - c. Restorative
 - d. Serenity
 - 3. Weld Rod

2.3 .1 Ecore Motivate Class I Vulcanized Composition Rubber Back Vinyl Sheet Flooring

**Ecore Motivate Class I Vulcanized Composition Rubber Back
Vinyl Sheet Flooring
Balanced, Baller, Restorative and Serenity
5mm Base Layer / 2mm Surface Wear Layer**

Made from a formulation of high quality post-consumer Vulcanized Composition Rubber granules encapsulated in a wear and water-resistant elastomeric network fusion bonded to a heterogeneous vinyl wear layer with a urethane topcoat

Performance Criteria	Test Method	Typical Result
Static Load Limit	ASTM F970 @ 250PSI	0.007"
Slip Resistance / Coefficient of Friction	ASTM D2047	> 0.8
Chemical Resistance	ASTM F925	Good
Abrasion Resistance	ASTM D3389 / EN 649	Pass
Chair Casters	ASTM D6962 BS EN 985	Pass
Flammability - Critical Radiant Flux	ASTM E648 / NFPA 253	Class I
Flammability - "Pill Test"	ASTM D2859	Pass
Resistance to Light	ASTM F-1515 / ISO 105-B02	Pass
Resistance to Heat	ASTM F1514	Pass
VOC's / FloorScore / CHPS / CA 01350	ASTM D-5116	Pass
Recycled Content	Manufacturer	60%
Dynamic Rolling Load	ASTM F2753	Pass
g-max	Clegg	343 Average
Force Reduction (20 kg mass)	ASTM F2569 / EN 14808	Class 1
Vertical Deflection / Deformation	ASTM F2157 / EN 14809	Pass
Vertical Ball Rebound	ASTM F2117 / EN 12235	Pass
Surface Slip Resistance	ASTM E303 / EN-13036	Pass
Impact Insulation Class (IIC)	ASTM E-492	55 (6" concrete, no ceiling)
Airborne Sound Transmission (STC)	ASTM E-90	52 (6" concrete, no ceiling)
Delta IIC (floor coverings)	ASTM E-2179	23 (6" concrete, no ceiling)
Noise Reduction Coefficient (NRC)	ASTM C-423	0.10
High Frequency IIC (HIIC)		60 (6" concrete, no ceiling)
Delta HIIC		31 (6" concrete, no ceiling)
Sounds Absorption Average (SAA)		0.07
Roll Dimensions	Manufacturer	Thickness 7mm x Width 70in (1.78m)
Standard Tolerance Width	Manufacturer	Width: +3/4in (19mm); - 0 in
Standard Tolerance Length	Manufacturer	Length: +1%; - 0%
Standard Tolerance Thickness	Manufacturer	Thickness: ± 0.4 mm

2.3.2 Ecore Motivate Class I Balanced, Baller, Restorative and Serenity Weld Rod

Ecore Motivate Class I Balanced, Baller, Restorative and Serenity Weld Rod	
Material	Vinyl
Dimensions	3mm diameter rod x 166 LF [50.6 M] spool. Custom lengths not available.

2.4 PRODUCT SUBSTITUTIONS

- A. Substitutions: No substitutions permitted.

2.5 RELATED MATERIALS

- A. Related Materials: Refer to other sections listed in Related Sections paragraph herein for related materials.

2.6 SOURCE QUALITY

- A. Source Quality: Obtain Vinyl Composition Rubber Back resilient flooring materials from a single manufacturer.

PART 3.0 - EXECUTION

Specifier Note: Revise article below to suit project requirements and specifier's practice.

3.1 MANUFACTURER'S INSTRUCTIONS

- A. Compliance: Comply with manufacturer's product data, including product technical bulletins, product catalog installation instructions and product carton instructions for installation.

3.2 EXAMINATION

- A. Site Verification of Conditions: Verify substrate conditions, which have been previously installed under other sections, are acceptable for product installation in accordance with manufacturer's instructions.

3.3 PREPARATION

- A. Surface Preparation: [specify applicable product preparation requirements].

Specifier Note: Coordinate article below with manufacturer's recommended installation details and requirements.

3.4 ERECTION/INSTALLATION/APPLICATION/CONSTRUCTION

- A. Rubber Back Vinyl Flooring Installation: Comply with Ecore Technical Manual for installation procedures and techniques.
- B. Finish Color/Textures/Patterns: [specify installation finishes coordinated with finishes specified in Part 2 Products].
- C. Related Products Installation: Refer to other sections listed in Related Sections paragraph herein for related products installation.

3.5 FIELD QUALITY REQUIREMENTS

Specifier Note: Edit paragraph below. Establish number and duration of periodic site visits with Owner and manufacturer, and specify below. Consult with manufacturer for services required. Coordinate paragraph below with Division 1 Quality Assurance Section and Part 1 Quality Assurance Submittals herein. Delete if manufacturer's field service not required.

- A. Manufacturer's Field Services: Upon Owner's request, provide manufacturer's field service consisting of product use recommendations and periodic site visit for inspection of product installation in accordance with manufacturer's instructions.
1. Site Visits: [specify number and duration of periodic site visits].

3.6 CLEANING

- A. Cleaning: Remove temporary coverings and protection of adjacent work areas. Repair or replace damaged installed products. Clean installed products in accordance with manufacturer's instructions prior to Owner's acceptance. Remove construction debris from project site and legally dispose of debris.

3.7 PROTECTION

- A. Protection: Protect installed product and finish surfaces from damage during construction.

Specifier Note: Retain article below to suit project requirements. Article may be used to describe specific criteria requirements of similar products or equipment.

3.8 SCHEDULES

Specifier Note: Retain paragraph below to suit project requirements. Reference a schedule or include a schedule as an attachment, which indicates where to locate products and equipment.

- A. Schedules: [Specify reference to applicable schedules].

END OF SECTION

Bid Proposal Form

Gym Floor Removal and Replacement Sault Area Middle School

- A. Proposal to furnish all labor, material, equipment and services necessary to complete the **Gym Floor Replacement** project in accordance with the Bid Category descriptions, including all addenda, for the amount as follows:

\$ _____
_____ Dollars

Bidder shall submit manufacturer's Technical Data on all materials specified in his/her proposal. Technical Data must be specified with the proposal in order to be considered for award.

Voluntary Alternates \$ _____

Description of Voluntary Alternate

Whenever any material or equipment is specified by patent or proprietary name or by the name of the manufacturer, such specification shall be considered as if followed by the words "or similar product". The seller may offer material or equipment with equal or better qualities and performance in substitution for those specified which he considers would be in the Owner's interest to accept. The seller shall include sufficient specification data that will, together with any other data the Owner may require, enable the Owner to assess the acceptability of the material or equipment.

BIDDER SUBMISSION REQUIREMENTS:

1. Completed Bid Proposal Form
2. Technical Data on all Materials