

Request for Bids
Rochester Middle School Gym Floor Resurfacing Project
Rochester Middle School

The Rochester School District is seeking proposals for the resurfacing of an existing Robbins Pulastic Polyurethane Floor System at the Rochester Middle School. Bids will be accepted until 12:00 noon EST on Wednesday April 29, 2020. The bids will be opened publicly and read aloud at that time.

A mandatory pre-bid conference and walk through will be held on Tuesday April 14, 2020 at 11:00 a.m. meeting at the Rochester Middle School, 47 Brock Street Rochester, NH. Prospective bidders are encouraged to obtain the bid specifications prior to the walkthrough to familiarize themselves with the project and the project requirements. Drawings and Specifications may be examined at the Rochester School Department, Facilities Office 150 Wakefield Street Rochester, NH.

Bids shall be submitted to Kyle Repucci, Superintendent of Schools, Rochester School Department, 150 Wakefield Street, Suite 8, Rochester, New Hampshire 03867. Bids must be submitted in sealed envelopes plainly marked **Bid for Rochester Middle School Gym Floor Resurfacing Project**. Failure to properly mark the envelope will result in disqualification of the bid if it is prematurely opened.

Specifications with the required Bid Form may be obtained at no cost from the Superintendent of Schools Office or on the District website at: www.rochesterschools.com/SAU/bids/bids.html

Part 1-GENERAL

1.01 DESCRIPTION

A. Scope

1. The complete installation of Robbins **PULASTIC FL/Enhance** polyurethane resurface system, by Robbins, Inc. of Cincinnati, Ohio, including polyurethane structure layer, water based surface topcoat, and court markings. (See acceptable equivalents in section 2.01.)

1.02 QUALITY ASSURANCE

A. Floor System Supplier Qualifications

1. Supplier shall be an established firm experienced in field and have been in business for a minimum of ten (10) years; Robbins, Inc. or an approved equal.
2. **Installer must have installed similar projects of similar size locally within past 5 years. References required and must be submitted with bid. References to include Job Name, Size, Address, Contact Name and Phone Number.**
3. Installer must be familiar with local laws and regulations.
4. **Formulator shall be ISO-9001, ISO-14001, and CSR 26000 certified for quality control, environmental care, manufacturing, and provide a copy of Certification Documents with their bid.**
5. All materials must be formulated by single source formulator.

B. Floor Contractor/Installer Qualifications and Certifications

1. Floor Contracting Company and field personnel shall be trained by supplier on proper installation and finishing process and be approved by the manufacturer in writing. **Letter to be submitted with bid.**

C. Resurfacing Layer Technical Data:

| Technical Data | | | |
|----------------------------------|-----------------------------------|---------------|----------------------------------|
| Nominal thickness | 1.5 mm | (0.06 inches) | |
| Hardness | 80 Shore A | | DIN 53505 |
| Gloss | 3-6% | | DIN 67530 |
| Tensile Strength (top) | 10 N/mm ² | (1,450 psi) | DIN 53455 |
| Tear Strength - Structure | 27 N/mm | (153pli) | DIN 53455 |
| Elongation at break (top) | 230% | | DIN 53455 |
| Color fastness | 8 (excellent) | | DIN 54004 |
| Abrasion resistance | 0.4 gram | | Taber; H18/1,000 g/1,000 rev) |
| V.O.C. content - Adhesive | Solvent free | | |
| V.O.C. content - Topcoat | 0.01 gr/lit (EU) | | 2004/42/EG |
| | 45 gr/lit (US) | | ASTM D 3960 |
| Resin composition | Free of solvents and heavy metals | | |

1.03 SUBMITTALS

A. Manufacturer's Product Data

1. Submit three (3) Robbins **Pulastic FL/Enhance** Floor System specification sheets.

B. Concrete Guidelines

1. Submit three (3) copies of Recommendations for correct preparation, finishing and testing of concrete subfloor surfaces to receive to receive granulated base mat and polyurethane floor system.

C. Samples

1. Submit one (1) sample of **Pulastic FL/Enhance**
2. Submit one (1) Pulastic Topcoat Standard Color Chart
3. Submit one (1) Pulastic Line paint Color Chart

D. Maintenance Literature

1. Submit copy of **Pulastic** Maintenance Instructions.

E. References

1. Submit Letter from manufacturer attesting that Floor Contractor and Field Personnel have been properly trained to perform work per specifications and contract.
2. Reference list of three individuals for whom installer has worked on projects of similar size and magnitude.

1.04 DELIVERY, STORAGE AND HANDLING

A. Delivery of Materials

1. Material shall not be delivered or installed until all masonry, painting, plastering, tile work, marble and terrazzo work are completed and all overhead mechanical work, lighting, backstops, scoreboards are installed. Room temperature shall be at least 55 degrees Fahrenheit, and ambient relative humidity shall be 75% or less.
2. Area where materials are to be stored should be maintained at 55 degrees Fahrenheit and under 75% relative humidity by the General Contractor/Owner.

1.05 JOB CONDITIONS-SEQUENCY

- A. Permanent heat, light and ventilation shall be installed and operating during and after installation. Environmental temperatures must average a minimum of 65 degrees Fahrenheit for one full week proceeding, throughout, and 72 hours following application.
- B. After floors are finished, area to be kept locked by general contractor to allow curing time for the paint and finish system(s). No other trades are to be allowed on floor until it is accepted in writing by owner or owner's authorized agent.

1.06 GUARANTEE

- A. Guarantee shall not cover damage caused in whole or in part by casualty, ordinary wear and tear, abuse, use for which material is not designed, faulty construction of the building, settlement of the building walls, failure of the other contractors to adhere to specifications, separation of the concrete slab and excessive dryness or excessive moisture from humidity, spillage, migration through the slab or wall, or any other source.
- B. Robbins, Inc. hereby warrants the **Pulastic FL/Enhance** material to be free from manufacturing defects for a period of 2 years. This warranty is in lieu of all other warranties, expressed or implied including but not limited to any warranty of merchantability or fitness for a particular purpose, and of any other obligations on the part of Robbins. In the event of breach of any warranty, the liability of Robbins shall be limited to repairing or replacing **Pulastic FL/Enhance** material and system components supplied by Robbins and proven to be defective in manufacture, and shall not include any other damages, either direct or consequential.

1.07 INSURANCE

- A. The successful bidder will execute a contractual agreement with the Rochester School Department, Rochester, New Hampshire, prior to commencement of work and provide a certificate of general liability insurance not less than \$1,000,000.

Part 2-PRODUCTS

2.01 MATERIALS

ALL BIDDERS NOTE :

Robbins Pulastic or Listed Equals ONLY.

Acceptable Equals are: Action Herculan RT, Horner ReNew,
Any Manufacturer systems not listed must submit their systems physical properties and required documents as outlined above for review, a minimum of 14 days prior to the bid date. Owners determination of suitability will be final.

The above floors will be considered equal only if the physical properties are equal to, or greater than, the Pulastic system specified below. All floors are subject to independent third-party onsite testing. Any floor not meeting the listed physical requirements will be removed, and the cost of removing and installing a compliant system shall be by the responsibility of the Contractor.

Full Depth Poured or Dual Durometer Systems will not be considered.

Any seamed sheet good system, whether heat treated or welded will not be considered.

All listed equal bidders shall submit product data listing the physical properties of the system with their bid. These physical properties must be verifiable with the manufacturer.

Rochester Middle School Gym Floor Resurfacing Project

Page 3 of 5
Issue: 04/2012

Upon delivery Contractor and Owners Representative will verify the quantity of each floor component delivered to the site, comparing consumption rates with the manufacturers listed unit coverage, and upon each application, verify the quantities installed.

A. Necessary Repairs to Existing Polyurethane Floor

1. Adhesive
 - a. Pulastic Tacky Adhesive: a two-component polyurethane adhesive, as needed to make all necessary repairs.
2. Shock Pad
 - a. Pulastic Shock Pad, a granulated rubber/polyurethane mat, as needed and in proper thickness to make all necessary repairs.
3. Pad Sealer
 - a. Pulastic EG Sealer: a two-component polyurethane sealer, as needed to make all necessary repairs.
4. Polyurethane Resin
 - a. Pulastic GM2500 Compound: a two-component polyurethane resin, as needed to make all necessary repairs.

B. Installation of FL/Enhance Resurfacing System

1. Resin
 - a. Pulastic GM2500 Compound: a pigmented two-component polyurethane resin.
2. Coating
 - a. Pulastic Coating 221W: a pigmented, two-component, water-dispersed polyurethane surface coating.
 - 1) Color Options: **Specify Topcoat color from following standard colors:**
 - a) 401 Lime Green
 - b) 417 May Green
 - c) 400 Green Oxide
 - d) 407 Turquoise Mint
 - e) 205 Sand Beige
 - f) 800 Yellow Ochre
 - g) 106 Autumn Brown
 - h) 100 Red Oxide
 - i) 307 Pastel Blue
 - j) 308 Pigeon Blue
 - k) 306 Steel Blue
 - l) 305 Sky Blue
 - m) 309 Capri Blue
 - n) 504 Stone Grey
 - o) 506 Dusty Grey
 - p) 507 Iron Grey
3. Game line Paint
 - a. Pulastic Line paint: a pigmented, two-component water dispersed polyurethane paint NO SOLVENT BASED PAINTS ALLOWED
 - 1) Color Options: **Specify Court Marking colors from following standard colors:**
 - a) Black
 - b) Light Grey (504)
 - c) White
 - d) Light Blue
 - e) Signal Blue
 - f) Dark Blue
 - g) Lilac
 - h) Ruby Red
 - i) Red Orange
 - j) Pastel Orange
 - k) Yellow
 - l) Light Green (401)
 - m) Dark Green (400)
 - n) Dark Brown (106)
 - o) Light Brown

Part 3-EXECUTION

3.01 INSPECTION

- A. Inspect existing polyurethane floor for proper levelness tolerance, damages, loose areas, possible contamination, and any other condition that may affect immediate or long-term bond of original floor or resurface layer to original floor. Document all issues for subsequent correction.

3.02 INSTALLATION

- A. Bleachers – all moving of bleachers to accommodate floor resurfacing will be by others.
- B. Robbins Pulastic
 - 1. Clean/degreasing process
 - a. Thoroughly clean floor with Pulastic Mat Cleaner and water solution. If extremely dirty use a buffer with a black pad and detergent and scrub floor till clean
 - b. Remove existing Vented Rubber Base and save for reinstallation.
 - 2. Repairs
 - a. Make all necessary repairs using approved Pulastic materials, as noted in 2.01 Materials, A. Repairs.
 - b. Mix a small batch of the urethane resin and apply in numerous spots on the floor to verify adhesion to the existing surface.
 - 3. Resurfacing Layer
 - a. Mix two-component ROBBINS PULASTIC GM2500 pigmented polyurethane resin and spread over existing polyurethane surface with rubber squeegee, according to supplier's instructions. Allow to cure minimum 12 hours before proceeding.
 - b. Mix two-component ROBBINS PULASTIC GM2500 pigmented polyurethane resin and apply at proper thickness according to supplier's instructions. Allow to cure minimum 12 to 24 hours before proceeding.
 - 4. Topcoat
 - a. Mix two-component ROBBINS PULASTIC Coating 221W and apply using ROBBINS PULASTIC lambswool roller(s) according to suppliers' instructions. Allow 24 to 48 hours curing time before proceeding.
 - 5. Game lines
 - a. Mix two-component ROBBINS PULASTIC PU-W Line paint according to supplier's instructions.
 - b. Line painting should be in accordance with supplier's directions.
 - c. Color of court markings shall be chosen from ROBBINS PULASTIC PU-W Line paint standard colors.
 - d. Consult architectural drawings for game line locations and chosen colors.
- C. Perimeter Molding:
 - 1. Remove and Reinstall Vented rubber base, anchored to the walls with standard base cement.

3.03 CLEANING

- 1. Clean up all unused materials and debris and remove from the premises. Dispose of empty containers in accordance with federal and local regulations.

3.04 PROTECTION

- 1. Cure Time
 - a. No traffic or other trades shall be allowed on the surface for a period of one week following completion to allow for complete and proper cure of the finish.
- 2. Other Trades
 - a. It shall be the responsibility of the general contractor to protect the surface from damage by other trades before acceptance by the owner or the owner's authorized agent.
- 3. Safety
 - a. No smoking, open flames or sparks from electrical equipment or any other source shall be permitted during the installation process, or in areas where materials are stored

ADD ALTERNATE #1

Bid proposal form will include an additional cost for the installation of a 12 (twelve) foot diameter circular Rochester Middle School logo (below) as part of the floors permanent markings. Exact location of logo to be determined.



END

BID PROPOSAL FORM
Rochester Middle School Gym Floor Resurfacing Project
Rochester Middle School - Rochester, NH

Company Name: _____

Phone #: _____ Fax #: _____

Address: _____

Contact Person: _____

E-mail: _____

NOTE: Bidder attests that project will be completed during unoccupied school time starting no later than June 22, 2020 and completed no later than August 28, 2020.

- Base Price to resurface gym floor

COST _____

- Add Alternate #1 – Additional cost to include a 12 foot diameter circular RMS logo as specified.

COST _____

Attach the following:

- Specifications for any equipment or materials other than specified products.
- References.

Any questions or concerns can be directed to:

David Totty, Director of Facilities
Rochester School Department
Phone: 603-332-3678 *1145