

Request for Bids
Rochester Middle School Exterior Joint Sealant Replacement
Rochester Middle School

The Rochester School District is seeking proposals for the removal and replacement of exterior joint sealant at the Rochester Middle School. Bids will be accepted until 12:00 noon EST on Wednesday April 1, 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 Monday March 23, 2020 at 12:30 p.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 Exterior Joint Sealant Replacement**. 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

SPECIFICATION FOR ROCHESTER MIDDLE SCHOOL

EXTERIOR JOINT SEALANTS

PROJECT SCOPE

Remove all existing joint sealants and replace with low modulus non-staining silicone sealant. Provide 20-year Special Labor & Material Warranty upon project substantial completion. Sealant adhesion testing of all substrates is required prior to commencement of work and every 1,000 lineal feet thereafter as required by the terms of the Special Warranty.

A. Joints Included:

- a) Window & Louver Perimeter Joints
- b) Masonry Control Joints
- c) Light Fixture Perimeter Joints
- d) Roof Cap Flashing Joint
- e) EIFS Joints

1.0 WARRANTY

- A. Installer's Warranty: Provide installer's standard form in which installer agrees to repair or replace joint sealants that do not comply with performance and other requirements specified in this section within the specified warranty period commencing at date of Substantial Completion. Warranty Period: 2 years.
- B. Manufacturer's Warranty: Provide manufacturer's Special Labor & Material warranty commencing at date of Substantial Completion. Silicone Joint Sealants: 20 years.
- C. Specified warranties exclude deterioration or failure of joint sealants from the following:
 1. Movement of the structure resulting in stresses on the sealant exceeding the sealant manufacturer's written specifications for sealant elongation and compression caused by structural settlement or errors attributable to design or construction.
 2. Disintegration of joint substrates from natural causes (lightening, hurricane, tornado, fire, etc.) exceeding design specifications.
 3. Mechanical damage caused by individuals, tools or other outside agents.

Changes in sealant appearance caused by accumulation of dirt or other atmospheric contaminants,

PRODUCTS

1.01 MANUFACTURERS

1.02

Wherever a specific product is specified by brand name and term “or equal” appears in these specifications, it shall be the vendor’s responsibility to establish through objective independent performance reports that the proposed product will perform with the same reliability as the specified product.

1.03

- A. Manufacturer: Design is based on products manufactured by Pecora Corporation;
165 Wambold Road, Harleysville, PA 19438; Toll Free Tel: 800-523-6688;
Tel: 215-723-6051; Fax: 215-721-0286; Email: techservices@pecora.com;
Web: <http://www.pecora.com>.
- B. ***NOTE TO SPECIFIER*** Include paragraph below if open specification is required. Insert names of manufacturers offering joint sealants equivalent to Pecora sealant specified. If necessary, copy this Article and organize contents into paragraphs and subparagraphs under Articles corresponding to each sealant chemistry specified.
- C. Other Acceptable Manufacturers:
 - a) Dow Chemical
 - b) Approved Equal***NOTE TO SPECIFIER*** Delete one of the following two paragraphs; coordinate with requirements of Division 01 section on product options and substitutions.
- D.

1.04 MATERIALS, GENERAL

1.05 ***NOTE TO SPECIFIER*** Product requirements in the articles and paragraphs below may be used to establish a minimum level of quality for joint sealants. If product substitutions will not be considered, delete the “Compliance,” “Performance,” “Properties” and “Sustainability” subparagraphs from the paragraphs below.

1.06 From each “Color” subparagraph, select the appropriate color requirement. With few exceptions, Pecora offers a single color range for each joint sealant. In addition, custom matched colors are available for most products. Specific color choices are listed where color selection is limited or where sealant is typically concealed from view.

1.07 Sealant number designations are used for ease in identifying appropriate products for each sealant application listed in the schedule at the end of this section. After editing this section, the specifier may wish to consecutively renumber the remaining sealants and coordinate with scheduled applications to avoid misunderstandings due to numbering gaps.

- A. Compatibility: Provide joint sealants, backings, and accessory materials that are compatible with one another and with Project joint substrates.
- B. VOC Content of Sealant and Primers: Provide joint sealants and sealant primers that comply with SCAQMD Rule 1168 for VOC content.

1.08 NONSTAINING SILICONE JOINT SEALANTS

A. Nonstaining Silicone Sealants: Nonstaining to porous stone when tested in accordance with ASTM C 1248.

B. Single-component, Non-sag, Nonstaining, Ultra-Low Modulus, Neutral Moisture-curing, Silicone Sealant:

- 1. Compliance: ASTM C 920, Type S, Grade NS, Class 100/50, Use NT, M, G, A, O.
- 2. Performance: Dynamic movement capability of plus 100 percent and minus 50 percent per ASTM C 719.
- 3. Sustainability:
 - a. Volatile Organic Compound (VOC) Content: 98 g/L, per ASTM D 3960.
 - b. Total Volatile Organic Compound (TVOC) Emissions: Less than 2 microgram (0.002 milligram)/cu. m), per CDPH v1.1.
- 4. Color: As selected from manufacturer's complete range
- 5. Product: One of the following:
- 6. ***NOTE TO SPECIFIER*** Include one or both products below to meet project requirements.
 - a. 890NST Non-Staining Ultra-Low Modulus Silicone Sealant.
 - b. 890FTS Field Tintable, Non-Staining Silicone Sealant–Smooth Formula.
 - c. Or Equal

C. Single-component, Non-sag, Non-staining, Low Modulus, Neutral Moisture-curing, Silicone Sealant:

- 1. Compliance: ASTM C 920, Type S, Grade NS, Class 50, Use NT, M, G, A, O.
- 2. Performance: Dynamic movement capability of plus 50 percent or minus 50 percent per ASTM C 719.
- 3. Sustainability:
 - a. Volatile Organic Compound (VOC) Content: 98 g/L, per ASTM D 3960.
 - b. Total Volatile Organic Compound (TVOC) Emissions: Less than 2 microgram (0.002 milligram)/cu. m), per CDPH v1.1.
- 4. Color: As selected from manufacturer's complete range
- 5. Product: 864NST or Equal

1.09 PRECURED SILICONE EXTRUSIONS

A. Precured, Preformed Silicone Extrusion:

1. Description: Precured elastomeric, non-staining, silicone joint sealant, flat extrusion, for bonding to substrates.
2. Compliance: ASTM C 920, Type S, Grade NS, Class 200/50, Use NT.
3. Performance:
 - a. Dynamic Movement Capability: Plus 200 percent and minus 50 percent per ASTM C 1523.
 - b. Service Temperature Range: Minus 60 degrees F to 300 degrees F (minus 51 degrees C to 149 degrees F).
4. Extrusion Width: To fit joint widths indicated.
5. Surface Treatment: **Textured**
6. Color: **Custom**
7. Product: Sil-Span Preformed Silicone Profiles or Equal

2.00 QUALITY ASSURANCE

A. Installer: A firm which has at least five (5) years' experience in work of the type and size required by this section and which is acceptable to the Owner's Representative.

B. References: The Contractor must supply three references for the work of this type and size with their bid including names and phone numbers of contact person(s).

C. Insurance: The Contractor is expected to execute a contractual agreement with the Rochester School Department, Rochester, New Hampshire, prior to commencement of work and to provide a certificate of general liability insurance not less than \$1,000,000.

3.00 EXECUTION

A. General

Before work is commenced, contractor will hold a conference with the Owner's Representative to discuss general details of the work.

B. Completion

The contractor agrees that all work will be completed within the 2020 school summer vacation schedule. No work shall commence prior to June 22, 2020 and all work shall be completed prior to August 28, 2020.

END

BID PROPOSAL FORM
Rochester Middle School Exterior Joint Sealant Replacement
Rochester Middle School - Rochester, NH

Company Name: _____

Phone #: _____ Fax #: _____

Address: _____

Contact Person: _____

E-mail: _____

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

- Base Price to remove and replace exterior sealants as described in specification.

COST _____

Attach the following:

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

Any questions or concerns can be directed to:

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