

Regional School Unit 83
Maine School Administrative District No. 13
P.O. Box 649, Bingham, Maine 04920

Superintendent's Office
(207) 672-5502
Fax: (207) 672-3800

Moscow Elementary School
Grade Pre-K-4
(207) 672-5572

Valley Jr./Sr. High School
Grades 5-8 & 9-12
672-3300

NOTICE TO HVAC MECHANICAL ENGINEERING AND DESIGN-BUILD FIRMS
Upper Kennebec Valley Jr/Sr High School
MSAD 13/RSU83
REQUEST FOR HVAC SYSTEM PROPOSALS

MSAD 13/RSU 83 (the "Owner") seeks proposals from heating, ventilation and air-conditioning (HVAC) systems mechanical engineers & mechanical contractors or mechanical system design-build firms to upgrade Upper Kennebec Valley Jr/Sr High School's HVAC system. We are looking for system designs that will allow for greater control of the HVAC system, provide heating and cooling features, increase energy efficiency, reduce costs, and would qualify for Efficiency Maine financial incentives.

PROJECT DETAILS

The original building was built in 1962 with the last major additions and renovations taking place in 2015. The school consists of approximately 34,525 square feet of floor space and serves students in 5th grade through 12th grade. The school currently has a Buderus Logano GE515 boiler with a gross output of 1391Mbtu/hr which was installed over 20 years ago. The unit ventilators were installed when the building was built but were renovated in 2020. Currently, a 10,000 gallon underground tank is located at this site. The outside air exchange is provided by the unit ventilators. There is no cooling system in this school.

MSAD 13 wants to transition to a more energy efficient, fossil free system that utilizes heat pumps and Variable Refrigerant Flow system (VRF).

PROJECT OVERVIEW

- Develop Construction Documents (CD), which include CAD plans showing all major equipment locations and a schedule showing tags, unit sizes, and electrical information. The CD drawings need to address the replacement of the exiting HVAC systems that together will meet the building's heating and cooling loads and required ventilation rates. The CD will be used for construction. The CD should include all components of the HVAC systems including zone controllers, BAS/EMS interface (if available) and any electrical service requirements needed. Construction documents and CAD plans should include professionally sealed (stamped) documents along with VRP pipe sizing and piping diagrams.
- Prepare project timeline
- Prepare cost estimates to include estimated Efficiency Maine incentives. Cost estimates should include the breakdown between system design services, system installation services and system commissioning.
- Execute the required permits and review process as needed at the State/Municipal Level
- Project administration and oversight during construction.

QUALIFICATIONS

- Interested individual or firm will be a licensed Engineer in the State of Maine.
- Interested individual or firm should have previous experience working within a school setting.

SUBMISSION REQUIREMENTS

Interested firms should submit a Letter of Interest with a Statement of Qualifications that includes:

1. The firm's qualifications to undertake the Project;
2. The firm's experience with budgets, project cost control, and administration of construction contracts;
3. A list of projects that demonstrate the firm's capabilities;
4. A list of the firm's recently completed work of similar type and size projects, including client contact information for each project;
5. Profiles of key personnel who are proposed to be involved in the Project;
6. A statement of the firm's current workload and its ability to absorb the Project;
7. The firm's proximity to the Project site relative to the ability to provide responsive service;
8. A list of business references, including contact information; and
9. Any additional information that the firm believes would be useful in evaluating its qualifications.

Send three paper copies and 1 electronic copy of the Letter of Interest and Statement of Qualifications to:

Sandra MacArthur, Superintendent
Sandra.MacArthur@sad13.org
MSAD 13/RSU 83
PO Box 649
110 Meadow Street
Bingham, ME 04920

Submissions must be in a sealed envelope or package and clearly marked, "Proposal, not to be opened until **Thursday, January 9, 2025, at 2:30 PM.**," and must be received by the Owner no later than **2:30 PM on Thursday, January 9, 2025.** Submissions not stamped received prior to this date and time will be returned unopened. At the discretion of the Superintendent, interviews with one or more firm(s) may be held to discuss elements of their respective proposal.

QUESTIONS AND SITE VISITS

Questions concerning this RFP should be directed in writing to Scott Laweryson, Head of Maintenance and received no later than **noon on Thursday, January 2, 2025.** The Head of Maintenance, in his discretion, may respond to selected questions. Firms who require a site visit prior to submission of a Letter of Interest and Statement of Qualifications should contact the Head of Maintenance to schedule a visit. Visits will be scheduled for **Monday, December 30, 2024.** The Head of Maintenance can be contacted by email scott.laweryson@sad13.org or by calling 207-612-8553

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PROJECT DETAILS

The original building was built in 1953 with the last major additions and renovations taking place in 1993. The school consists of approximately 22,306 square feet of floor space and serves students in PreK through 4th grade. The school currently has a Buderus Logano GE515 boiler with a gross output of 818 Mbtu/hr which was installed over 20 years ago. The unit ventilators were installed when the building was built but were renovated in 2020. There are currently 3 - 275 gallon oil tanks located in boiler room in the basement of the building. The outside air exchange is provided by the unit ventilators. There is no cooling system in this school.

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