

Regional School Unit #82/Maine School Administrative District #12

NOTICE TO CONTRACTORS

Request for Proposal for consideration of bid invitation for 2012/2013

BIOMASS BOILER AND ANCILLARY EQUIPMENT

RSU #82/MSAD #12 serving the towns of Jackman and Moose River is seeking design proposals from qualified contractors for the supply and installation of a Pellet fired hot water heating system. This work is to be located at Forest Hills School in Jackman, Maine. This shall be a contractor led project. The Contractor, its suppliers and sub-contractors, shall be responsible for all phases of the work, including engineering if needed, the supply of equipment, materials, installation, start up assistance and training.

Sealed proposals will be received by the RSU #82/MSAD #12 Superintendent John Davis until noon, March 6, 2012.

Please include in this proposal his/her name and place of residence and the names of all persons or parties interested as principals with him/her and that the proposal is made without any connection with any other bidder making any proposal for the same work: and that no person acting for or employed by the RSU #82/MSAD #12 school district is directly or indirectly interested in the proposal or in any contract which may be entered into which the proposal relates, or in any portion of the profits there from.

The proposal must be signed by the bidder with his/her name and address and be enclosed in a sealed envelope entitled

Biomass Fired Hot Water Heating Project

and addressed to: "Dr. John Davis, Superintendent, RSU #82/MSAD#12, 606 Main Street, Jackman Maine 04945.

RSU #82/MSAD #12 reserves the right to accept any proposal or reject any or all proposals based on design, cost, company references, equipment recommended, or if it is deemed to be in the public interest to do so.

All proposals must be clearly marked as "PROPOSAL". Bidders shall state prices for each separate item of work . These prices are to cover all the expenses incidental to the completion of the work in full conformity with the subsequent contract when prepared. The prices must be stated both in words and figures. Should a discrepancy be found between the prices written in words and the prices written in figures, the prices written in words shall govern. Proposals which do not contain prices for all items which are called for or which otherwise are not in conformity with this notice may be rejected.

Site visits may be arranged by calling RSU #82/MSAD#12 (668-7749) two days in advance of the visit.

All questions by prospective bidders pertaining to the Specifications must be received, in writing, to the superintendent, five (5) days before the date set for the submission of the proposals. Any questions which, in the opinion of the superintendent require interpretation, will be sent with the interpretation in the form of a numbered addendum, to each person or firm who has submitted a proposal.

**RSU #82/MSAD #12
SUPPLEMENTAL SPECIFICATIONS**

**Proposal Due DATE: Noon, March 6, 2012
BIOMASS BOILER AND ANCILLARY EQUIPMENT**

Bid Specifications for **new biomass fired hot water heating system and associated ancillary equipment and services. Recommendations for the appropriately sized (kwh) to be determined by contractor to best meet the needs for maximum efficiency and building need.**

The following requirements are for the turn key installation of new pellet water heater and ancillary equipment including all labor, services, engineering, equipment and materials including but not limited to the following:

- Contractor will furnish and install new Pellet fired biomass boiler(s) that will replace a minimum of 95% of the fuel usage of the **Forest Hills School**.
- Contractor will furnish and install all pipes, valves and fittings and underground if necessary to tie into existing heating distribution system.
- Contractor will ensure that installed system will interface with and properly operate using existing controls at the **Forest Hills School**.
- Contractor will furnish and install all feed systems as well as any necessary storage facility for biomass fuel. Fuel storage shall be sufficient to store one full truckload of pellet delivery. Fuel storage shall be located so that it can be accessed by trailer deliveries and will except either pneumatic or auger deliveries.
- Contractor will provide all rigging needed to move units.
- Contractor will provide electrical disconnect and reconnect or may subcontract locally.
- Contractor shall provide start-up, testing and warranty of equipment.
- It is also important to provide a scope of work and an estimated payback schedule.
- Contractor will apply for and readily furnish all necessary local, state and federal permits.
- Contractor is responsible to ensure that all equipment covered by this proposal shall comply with all applicable State of Maine and federal laws including operations manuals for all parts and appliances.
- Contractor will provide operators training and documentation for future reference.
- The contractor will leave the school with a recommended existing oil backup that will operate automatically in case of a biomass boiler failure.

The following are additional requirements and considerations in the preparation of proposals:

- Contractor will submit proposal based upon best design and maximum efficiency.

Contractor will carry a minimum of \$1,000,000 Liability insurance policy in full effect until job completion.

- Proposals must include a time-line of completion for all significant portions of the project.
- To the maximum extent possible, proposals will utilize existing space for the installation of equipment and/or fuel storage. Movement of currently installed, existing equipment to enhance installation is not discouraged. If proposed, part of the overall project the contractor would be expected to perform such movement. While proposals that do not utilize existing space will be considered, overall installation cost of the project is a factor and as such, should be a prime consideration in system design and installation.
- Contractors should show evidence of successful installations of biomass boiler installations in facilities greater than 50,000 square feet with at least 2 completed biomass heat installations for schools in Maine.
- Selected contractors will receive an invitation for a formal bid and may be expected to formally present their bids to the RSU #82/MSAD #12 superintendent and school board on a date to be determined.
- Substantial Job completion is 1 November, 2012.

District Information:

- Annual fuel consumption: 15,000 to 17,000 gallons #2 fuel
- We currently have 4- 500K BTU H.B. Smith oil fired boilers. (Installed in 2000) we only run 2 boilers at a time. On the coldest days, one boiler runs steady, and the other one cycles on & off.

To arrange for a site visit and for more building information, contact:

Denise Plante, Principal/Assistant Superintendent

RSU #82/MSAD #12

606 Main Street

Jackman, ME 04945

207-668-7749

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