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The University of Maine

University of Maine at Augusta

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University of Southern Maine

REQUEST FOR PROPOSALS #15-13
Engineering Design Services
Pleasant Street Academy Biomass District Heating System
University of Maine at Fort Kent System &
Maine School Administrative District 27
ADDENDUM #2

In response to vendor inquiries, the University offers the following:

Q1. Page 11, Section 5.2.3 Grate system must be capable for use with a feedstock moisture content (MC) of 35% +/- 5% on a wet basis. Why is there such specificity on the moisture content with respect to the grate? Our data indicates that most wood chips have an average MC of 40-42% and that any biomass system must be capable of burning wood chips up to 55% MC. It seems that the last part of the sentence "or as recommended by the boiler manufacturer is sufficient.

A1. This is provided to establish a baseline expectation for the design. The percentage can be adjusted to the specific requirements of the boiler that is ultimately selected.

Q2. Provide the monthly oil consumption for UMFK and SAD 27 buildings. Monthly data is valuable in understanding the year to year variances in energy use and also in properly sizing the boiler.

A2. Due to the bulk fuel delivery means and unsophisticated building management systems, this level of fidelity is not available. Yearly average consumptions are provided in the RFP attachments.

Q3. Information on Elementary School and the Chippy Building:

Q3a. The conceptual piping schematic is the only source of energy data for the Elementary School and the Chippy building.

A3a. This information to be developed as part of the design process

Q3b. The oil consumption is not shown for the Chippy building.

A3b. The average of the past three years is 1834 gallons of #2 heating oil for the Chippy building.

Q3c. Please provide 3 years on monthly energy data for the Elementary School and the Chippy building. It looks like the energy data in shown in the boiler age line. If so, please correct and show the correct boiler age.

A3c. Monthly consumption rates are not available. Boiler install date for Chippy: 2003. Boiler install date for elementary school: 2006.

Q4. For the buildings being converted from steam to hot water, is it in the scope of the project to replace the current steam boiler with a new HW boiler or to convert the existing steam boiler to HW supply through a heat exchanger?

A4. This solution is to be determined through the design process.

Q5. Provide the current contract oil prices for #2 for UMFK and SAD 27.

A5. UMFK's oil price for #2 is based on the OPIS Rack Price at Portland plus a firm fixed mark-up of $$0.1678 per gallon for transport (semi) truck deliveries and $0.2470 per gallon for retail truck deliveries. MSAD 27 has fixed price contracts $3.55 per gallon for transport (semi) truck deliveries and $3.648 per gallon for retail truck deliveries.

Q6. Regarding Section Four of the RFP. It is titled General Scope of Work for Design Services Proposal. Do any of items 4.1 through 4.5 have to be done and presented as part of the proposal, or are these all tasks that need to be done post selection of the design firm?

A6. These items will be done after award, as part of the Design Scope of Work.

Q7. Will the individual or firm awarded this bid be permitted to compete for and be awarded the CM at Risk bid?

A7. No, it is the intent of the Building Committee to keep these contractual entities separate.

Q8. I am assuming that the intent of this design will include bid documents for the biomass equipment and that there will be more than one boiler vendor bidding this work. True?

A8. Yes.

Q9. Can we provide a breakdown of our fee?

A9. Yes.

Q10. How much time should we budget for work beyond the design phase (beyond June 2013)?

A10. An amount sufficient to satisfy typical project requirements for contract administration.

Q11. Who will be doing the permitting?

A11. The design firm.

Q12. What is the total budget for this project?

A12. Approximately $3M. This figure includes a $2.6M USDA Rural Development grant. Copies of the grant proposal and the USDA award are attached to this email.

Q13. What role will Dirigo Architectural Engineering play as part of this project?

A13. Owner's Representative.

Q14. What boiler system was used for the previous UMFK project?

A14, LIN-KA Energy 650kw bio-mass heating plant using wood pellets.

Q15. What other A/E firms have received RFP information?

A15. The University does not provide this type of information during the bidding process.

Q16. Who will be part of the selection team?

A16. The University does not provide this type of information.

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December 21, 2012