



COLD CLIMATE HOUSING RESEARCH CENTER

CCHRC

CCHRC REQUEST FOR PROPOSAL: 03-2007
Biomass Combined Heat and Power Energy System

QUESTIONS AND CLARIFICATIONS- Issued September 14, 2007

1. Our biomass system is smaller/larger than the capacity indicated for this project; should we still submit a proposal?

Yes. The size and capacity of the desired system was chosen as optimal for the demand of CCHRC's Research and Testing Facility and would be preferred; however, we realize that the availability of a system meeting these exact requirements may be limited. We will remain open to proposals for smaller/larger systems on the basis that a successful demonstration project is foremost and meeting the exact requirements of our building's demand is secondary. The CCHRC has additional goals aside from this RFP, including demonstration of a smaller residential woody biomass CHP as well as a much larger (>1MWe) system capable of utilizing a municipal waste stream. If you choose not to propose on this particular RFP based on the capacity of your system, please feel free to send your product information to us in your own format, as it may be applicable to other projects.

2. Our biomass system uses only wood and not municipal waste; should we still submit a proposal?

Yes. Our predominate local feedstock is woody biomass and the municipal waste stream would comprise only a minor amount. A system potentially capable of utilizing both would be an added benefit.

3. What is the anticipated range of funding and how many applicants will be selected?

The range of funding available is expected to vary based upon the system's merits. More than one applicant may be selected in order to demonstrate differing technologies or different target applications.

4. Will you only consider commercial vendors or would you work with non-commercial entities such as other research organizations?

Non-commercial entities are encouraged to submit a proposal. Any successful applicant, whether commercial or non-commercial, would enter into a negotiated contract which would specify the project deliverables and meet the agreed upon installation timeline.

5. Will the project consider gasification as an appropriate technology?

Yes, all relevant technologies will be considered.

6. It appears that CCHRC will install and take care of site specifics including utilities, connection to the electric grid, and connection to the heat load.

Yes. The successful applicant(s) would provide the CHP system, CHP specific controls and necessary technical support. The system would be installed by CCHRC staff and local contractors with all common materials necessary for the installation purchased locally.

7. What is the magnitude of technical support that CCHRC would expect?

Sufficient technical support would be provided and should be included in the pricing structure, as necessary, to ensure a successful installation and operation. This would be expected to vary based upon the complexity of the chosen system and its ability to work without malfunction, i.e. a system which is easily installed and operates without flaw would most likely require less technical support. Additional technical support above and beyond that required to keep the system operational may be negotiated at the time of contract award.