Power Plant Boiler #3 & 4 Controls Upgrade

PROJECT DESCRIPTION

The University of Northern Iowa is currently in the process of obtaining consultant services in conjunction with the design of a project that will replace the controls for Boilers #3 & 4 at the Power Plant. Boiler #3 is a 120,000 lb/hr Babcock and Wilcox dual burner pulverized coal boiler installed in 1978. The startup fuel is #2 fuel oil and also has full load #2 fuel oil capability. This unit has the original Bailey pneumatic controls installed. Boiler #4 is a 105,000 lb/hr Pyropower (Foster Wheeler) circulating fluidized bed boiler installed in 1989. The startup fuel is natural gas. This unit has the original Bailey Infi-90 DCS control system installed. We desire to install Rockwell Automation (Allen Bradley) Control Logix platform of controllers on both of these units using Factory Talk View as the HMI. The control room will need to be reconfigured accordingly.

If you are interested in providing consultant services on this project, please provide the information as outlined below. Please submit your qualifications to John Streicher, Facilities Planning, 2601 Campus Street, University of Northern Iowa, Cedar Falls Iowa 50614-0530; (319) 273-2611. Proposals are to be submitted no later than July 7, 2015.

PROPOSAL REQUEST INFORMATION

Proposals to provide consultant services for the project at the Power Plant on the University of Northern Iowa campus should contain the following minimal information:

1. The qualifications and expertise that your firm has for providing the following services for this specific project:
   ● Design and Construction Administration
   ● Commissioning

2. The specific services your firm provides and any consultants that you plan to use as a part of your design team. Identify design team members and their qualifications.

3. The methods of project cost control utilized in your firm.

4. Provide information on projects of this type for which your firm has provided services. Include the owner’s name, address, and phone number. State a commitment to promptly start the work when requested, if selected as the Consultant. Comment on capabilities to complete the design of a project of this magnitude in order to bid by January, 2016.

5. Provide six copies of proposal.
For general information, in accordance with Board of Regents intent, specific interests of the University during the design process will be directed to maintenance costs and energy conservation measures.

In accordance with Board of Regents, State of Iowa policy and the Iowa Code, preference shall be given to the selection of design professional firms either based in Iowa or with a permanent office in Iowa.