

PURCHASING DIVISION
Noel C. Taylor Municipal Building
215 Church Avenue, SW, Room 353
Roanoke, Virginia 24011
540.853.2871 fax 540.853.1513

January 8, 2008

ADDENDUM NO. 2 TO ALL OFFERORS:

Reference – Request for Proposals: RFP # 08-10-02

Description: Direct Digital Control System/Building Automation Systems

Dated: December 3, 2007

For Delivery To: Purchasing Division, City of Roanoke, Virginia

Proposals Due: January 17, 2007

The above is hereby changed to read:

1. Reference Attachment 2 to Contract, Page 27 C, 2: Add the following:

New Control System must be able to interface seamlessly (should adjust set points, override actuator, and turn devices on/off) with the existing Johnson Controls FEC controller that is controlling the Flat plate heat exchanger in Municipal South mechanical room. Control system must also be able to interface seamlessly (adjust set points, override actuators, and turn devices on/off) with the existing Johnson Controls FEC controller that is controlling the boilers and hot deck duct that is located in the Municipal South basement mechanical room.

2. Reference Exhibit 1 To Contract, Schematic Drawings: Add Heating sketch and points.

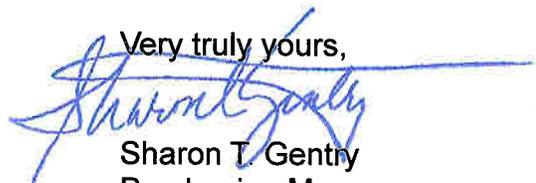
See Attached

3. Reference Attachment 2 to Contract Description of Services: Add the following:

- a. **The new DDC/BAS control system shall replace the existing Siemens Control system that is currently controlling the fan coil units and chiller's that serve municipal north located in the fifth floor custodian office.**
- b. **Offeror will add necessary controls to monitor 5 generators with status and real time amp draws.**

- c. Offeror will add all necessary valves and controls to divert chill water from the existing Trane chiller serving the 911 air handler to the existing Carrier chiller. At present this is a manual changer over with all chill water lines in the 911 mechanical room.
- d. Offeror shall remove from the premises any and all discarded or no longer used controls.
- e. Offerors invited to provide a presentation to project committee shall provide a sequence of operation during their presentation.
- f. Offerors should note that the drawings for the chiller at courthouse/jail equipment room shows one condenser pump and chill water pump when there are actually two (2) and Each Offeror must add additional temperature transmitters.
- g. Offeror must use Kele ucp-522 transducers mounted in control panels using the DIN rail mounting system.
- h. All start/stop points shall have scheduling capabilities.
- i. All control cabinets shall have locking capabilities.
- j. Offerors shall include control drawings and point list for each controller and permanently attach a copy in the control panel and provide a binder with all control drawings attached.
- k. Successful Offeror will be required to confirm and calibrate all inputs and outputs to all pneumatic and electronic field devices.

Note: A signed acknowledgment of this addendum must be received at the location indicated on the RFP either prior to the proposal due date and hour or attached to your proposal. Signature on this addendum does not substitute for your signature on the original proposal document. The original proposal document must be signed.

Very truly yours,

 Sharon T. Gentry
 Purchasing Manager
 Phone: 540-853-2871

 Name of Firm

 Signature/Title

 Date