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Proposal # E-01524

Jessie Snead
Town of Smithfield
Public Works
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**RELOCATE THE WASTEWATER PUMP STATION SCADA SYSTEM TO THE WILSON
WATER TOWER IN SMITHFIELD, VA**

Allfirst is pleased to provide you with this quote to supply all labor, materials
and equipment for the above referenced project as specified below.

\$99,065.00
CONTRACT PRICE

Clarifications:

- Purchase a new Dell OptiPlex 5000 tower workstation and 24" Dell monitor.
- Purchase FT View SE Server 100 display software.
- Purchase FT View SE client software.
- Purchase FT Viewpoint client software (3 Clients).
- Purchase WIN-911 standard software.
- Purchase and assemble a PLC control panel, which includes a ControlLogix 4 slot rack, rack power supply, L71 processor, Ethernet communication card, 24 VDC power supply and Ethernet switch.
- Configure new workstation with new FT View SCADA and WIN911 to monitor pump stations only.
- Re-configure current FT View SCADA and PLC to remove pump stations.
- Install power supply and radio in an existing enclosure in the water tower support building.
- Install a new antenna on top of water tower and redirect all existing pump station antenna toward new antenna.
- Provide cable adapters to reuse existing cable on the tower for the new antenna.
- Program all existing pump station radios to report to the new SCADA system.

Other:

- The price includes all engineering time and onsite startup time to remove the pump stations from the current SCADA/PLC/Radio system.
- The new system is a stand alone system and will NOT include redundancy. Once completed the water treatment plant will be on the current redundant SCADA/PLC network and the pump stations will be on the new SCADA/PLC/Radio network. An outage of the SCADA/PLC/Radio network for the pump stations will not affect the Water Treatment Plant.
- Work to be performed after and during normal (40) hour work week as required.
- This quote is based on using the existing antennas at the pump station. Any existing station antenna that does not have a adequate signal to connect to the Wilson Water Tower will be replaced at the owners expense.
- This quotation will remain valid for (30) days from date of bid.

Thank you for the opportunity to quote this project. Our proposal number is
Please cite this number on your purchase order and/or contract documents. We look
forward to the safe and successful completion of this project.

E-01524

Sincerely,
Allfirst, LLC
Darrell Northrop
Darrell Northrop
Division Manager