

**REQUEST FOR QUOTE (SEALED BID)
SUPERVISORY CONTROL AND DATA
ACQUISITION INFRASTRUCTURE SYSTEM -
SCADA**

Questions Deadline: SEPTEMBER 16, 2021, 3:00 PM, CST
Bids Due: SEPTEMBER 23, 2021, 2:00 PM, CST

Bids for the services specified will be received by the City of Blue Ridge until the date and time as indicated above. Please submit one (1) original sealed bid, seven (2) copies of the bid in hard copy only. The bid package can be found on the City's Website:

Delivery and Mailing Address: City of Blue Ridge
City Secretary's Office
200 S Main Street
Blue Ridge, TX 75424

Late submissions will not be considered. Sealed bids must be submitted with the Bidder's name and address clearly indicated on the front of the envelope. Additional instructions for preparing a bid are provided within.

BIDDERS ARE STRONGLY ENCOURAGED TO CAREFULLY READ THE ENTIRE DOCUMENT PRIOR TO SUBMITTING A RESPONSE.

Please note that all submissions must be received at the designated location by the deadline shown. Bids received after the deadline will not be considered for the award of the contract and will be returned unopened. The City of Blue Ridge reserves the right to consider the most advantageous bid thereof, or to reject the bid. Unreasonable (or "unbalanced") unit prices will authorize the City of Blue Ridge to reject any bid.

**For questions regarding this REQUEST FOR
SEALED BID contact:**

Edie Sims
City Secretary
972-752-5791
esims@blueridgecity.com

The City has 3 locations plus the Control Room requiring full installation. Each location shall be provided and installation of:

- new RTU (4 total) equipped with:
 - PLC
 - Radio
 - Power supply
 - UPS
 - Panel equipment
- provide and install two 4" Mag Flow Meters (one at Well 2 and one at the StandPipe)
- provide and install one 6" Mag Flow Meters (at Well 4)
- provide and install conduit from the pump house to the stand pipe and well
- provide and install conduit from the pump house to the flow Meter
- provide and install four antenna systems consisting of the following
 - Yagi antennas
 - Coax Cables
 - Coax Connectors
 - Surge protection
- provide and install one ultrasonic level for lift station level (at only lift station)
- provide and install three CL2 lead detections with alarms at the sites and an alarm to SCADA
- install three pump controls to the existing well pumps
- provide and install two pressure transmitter for tank level (one at the StandPipe and one at Well 2)
- program the four RTU's for site control and monitoring

Control Room:

- provide and install one Dell computer with two 32" monitors
- provide and install VTSADA HMI software with alarm notification and remote access for 5 users
- provide and install UBNT microwave link to Well 2
- provide and install one UPS for the computer
- develop screens that will graphically depict the system.

PROJECT SPEND AMOUNT: under \$140,000

TAXES: Excluded

INSURANCE: Provider must carry builder's risk and general liability insurance as required by project specifications.