



CITY OF GALAX  
REQUEST FOR PROPOSALS  
**SCADA RADIO SYSTEM UPGRADE**  
**December 16, 2024**

**Addendum No. 3**

A. Questions received regarding this Request for Proposals. The following answers and clarification were provided.

1. What PLCs are currently at each site?

The current PLC equipment is Direct Logic / Automation Direct.

2. Are the current PLC based RTU's desired to be replaced? If so, current models?

The PLC based RTU equipment is to be replaced. There is no specific model number for the RTU. They are custom manufactured.

3. Are documented copies of the PLC code available?

The PLC code can be requested from the original supplier. The PLC equipment and communications methodology is to be changed, so code would not be required at this time in the project.

4. Are drawings for each site available for review?

Site drawings are not available. The intention of the SCADA upgrade is to upgrade one WTP central, three tanks, one tank/pump station site, one pump station site, and one valve site from phone line telemetry to unlicensed telemetry.

5. Are geographical drawings available? (for radio selection)

No geographical drawings are available.

6. Are documented copies of the SCADA system available?

There is a SCADA O&M available for inspection at the WTP. It is the City's intention for the SCADA supplier to provide SCADA RTU equipment, which is fully constructed,

wired, and tested prior to delivery. This equipment is to be fully installed and started up by the SCADA supplier along with any required antenna equipment and cabling.

Tank sites would provide tank level, level alarms, time of day, and power failure to the WTP SCADA computer/PLC.

Pump Station sites would provide pump status/control, pump alarms, time of day, and power failure to the WTP SCADA computer/PLC.

Valve site would provide valve control, time of day, and power failure to the WTP SCADA computer/PLC.

7. Are documented network layout schedules & drawings of the current SCADA system available?

There is not a documented network layout schedule. Wiring drawings are in the SCADA O&M available for inspection at the WTP.

8. Is redundancy a concern?

Redundancy is not a requirement for this project.

9. Please provide GPS coordinates for each site. Radio selection will very greatly based on topography.

It is recommended that potential respondents visit the sites to familiarize themselves with the location of the WTP and remote sites in order to determine their radio selection. Any required testing is the responsibility of the SCADA supplier.

10. Does the City have any radio frequencies that can be utilized?

No. The existing system is phone line telemetry.

11. Is the project budget based on the Fiscal Year or Calendar Year.

Fiscal Year.

12. What is the expected award date and period of performance?

The City anticipates making a single award for this project within thirty days of proposal deadline The anticipated start of period of performance is within the next few months following award and project launch.

B. The solicitation close date will remain as Thursday, December 19, 2024 at 2:00 PM.

**\*\*Acknowledgement of this addendum must be submitted with the response.**

Signature \_\_\_\_\_ Name: \_\_\_\_\_ Title: \_\_\_\_\_