



PROFESSIONAL SERVICES AGREEMENT
AND EQUIPMENT PURCHASE FOR
SCADA UPGRADE PROJECT

RS-22-038

March 15, 2022

Background and Findings

- Currently the Supervisory Control and Data Acquisition (SCADA) computer monitoring system requires around the clock manning, with staff working night shifts for continuous coverage.
- Upgrading the antiquated system will provide two main objectives:
 - Make it an autonomous system, enabling the four (4) after-hours positions to move back to standard day time shifts.
 - Assist in providing quality, consistent service to our every-growing City, as well as the ability to continue fulfilling the expanding rules and regulations of the Texas Commission of Environmental Quality (TCEQ) and Environmental Protection Agency (EPA).

Background and Findings Cont.

- The FY 2022 CIP budget includes a SCADA Upgrade Project which will provide security surveillance, real-time data, and the ability to respond to emergencies at remote sites.
- A proposal from Control Panels USA (CP USA) in an amount of \$185,000 was received for necessary services required to implement a wireless broadband communications system.
- A Buy Board quote in the amount of \$76,206 was received from Iteris, Inc. for the equipment necessary to build the system.

Alternatives

4

- Delay the SCADA Upgrade Project.
- Authorize the award of a PSA with CP USA and the purchase of a citywide wireless broadband communications system for the SCADA Upgrade Project.

Recommendation

- City Council authorize the City Manager, or designee, to execute a PSA with CP USA in the amount of \$185,000 and authorize the purchase a wireless broadband communications system from Iteris, Inc. in the amount of \$76,206 for the SCADA Upgrade Project and furthermore, authorize the City Manager, or designee, to execute any and all change orders within the amounts set by State and Local law.