

City Council Meeting

Agenda Item

Data Sheet

Meeting Date: December 2, 2024

Topic:

Approve an agreement with BLTI, LLC an Inframark LLC company for the upgrade of the City of Tomball’s utility system SCADA software and hardware through the TIPS-USA Purchasing Cooperative (TIPS USA #230105), for a not-to-exceed amount of \$307,705.00, authorize the expenditure of funds therefor, and authorize the City Manager to execute any and all necessary documents related to this expenditure. This amount is included in the FY 2024-2025 Budget as part of the 2025-2029 Capital Improvement Plan.

Background:

The Supervisory Control and Data Acquisition (SCADA) system is crucial for monitoring and controlling the City’s water and wastewater systems. The current SCADA software and operating system have reached the end of their life cycle and will no longer receive security updates or support. The Public Works department have been working with vendors to review new systems and upgrade the existing SCADA system to enhance our monitoring and control of utility facilities.

The proposed SCADA software and hardware upgrade, produced by VTScada, will ensure continued functionality while introducing enhanced features, such as improved staff notifications, reporting capabilities, and support for a more stable operating system. This modernization will help maintain the operational integrity of the City's water and wastewater systems, including the monitoring of water wells, tank levels, system pressures, wastewater treatment plants, and lift stations. Additionally, this upgrade will improve system efficiency and management of both water production and distribution, and wastewater treatment and collection.

A breakdown of the submitted pricing is depicted below, and the expenditure is covered under the approved FY 2024-2025 Budget.

| Description | Cost |
|---------------------------|------------------|
| Water | \$187,835 |
| Wastewater | \$94,870 |
| Contingency | \$20,000 |
| Total Cost: | \$302,705 |
| Total Budget: | \$303,715 |
| Remaining Funding: | \$1,010 |

This upgrade is essential to ensure the City’s utility systems continue to function effectively, securely, and in compliance with regulatory standards.

Origination: Public Works

Recommendation:

Staff recommends approving the agreement with BLTI, LLC an Inframark LLC company for the purchase of the SCADA system software for a not-to-exceed amount of \$307,705.

Party(ies) responsible for placing this item on agenda: Drew Huffman, Public Works Director

FUNDING (IF APPLICABLE)

Are funds specifically designated in the current budget for the full amount required for this purpose?

Yes: No:

If yes, specify Account Number: # 400-731-6409

400-741-6409

400-613-6409

400-614-6409

If no, funds will be transferred from account: # _____ To Account: # _____

Signed: Drew Huffman **Approved by:** _____
Staff Member Date City Manager Date