



AGENDA MEMORANDUM

Action Item for the City Council Meeting of September 6, 2022

DATE: September 6, 2022

TO: Peter Zanoni, City Manager

FROM: Bill Mahaffey, Director of Gas Operations
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Purchase of Web-Based SCADA System Suite for Gas Operations

CAPTION:

Motion authorizing a three-year service agreement with eLynx Technologies, LLC, of Tulsa, Oklahoma, in an amount not to exceed \$255,737.32 for the purchase of a web-based Supervisory Control and Data Acquisition (SCADA) system suite for Gas Operations, with FY 2022 funding from the Gas Fund.

SUMMARY:

This Motion is to purchase professional services, hardware, and software from eLynx Technologies, LLC, to replace the outdated Gas SCADA system from Wonderware that is currently in use.

BACKGROUND AND FINDINGS:

The critical Gas SCADA system is used to collect data, provide monitoring, provide status alarms, and store historical data. The City of Corpus Christi Gas Department does not have a maintenance contract for the existing outdated SCADA system. The system is no longer supported or commercially available and must be replaced with the City's standardized eLynx SCADA systems ensuring that each Gas site operates efficiently.

PROCUREMENT DETAIL

Finance-Procurement conducted a competitive Request for Bids process to obtain bids. The City received four responsive, responsible bids and staff is recommending the award to eLynx Technologies, LLC.

ALTERNATIVES:

An alternative would be not to upgrade the Gas SCADA System, which leaves the Gas work sites at risk of failed operations due to failure in software/hardware that cannot be easily replaced or supported.

FISCAL IMPACT:

The fiscal impact for Gas Operations in FY 2022 is \$255,737.32 for this three-year service agreement with eLynx Technologies, LLC, of Tulsa, Oklahoma for the purchase of a web-based SCADA system suite for Gas Operations.

FUNDING DETAIL:

Fund:	4130 Gas
Organization/Activity:	34120 Gas Pressure & Measurement
Mission Element:	022 Gas Distribution System
Project # (CIP Only):	N/A
Account:	520100 Computer Equipment & Software Noncapital

RECOMMENDATION:

Staff recommends approval of this service agreement with eLynx Technologies, LLC, for the purchase of a web-based SCADA system suite for Gas Operations as presented.

A copy of the service agreement and bid tabulation is available to Council members upon request.

LIST OF SUPPORTING DOCUMENTS:

Bid Tabulation
Service Agreement