

4. Miscellaneous: Supervisory Control and Data Acquisition (SCADA) software system, servers, storage, subscription, and licensing – Utilities Department – ('Other Agency' term contract - \$113,967); and approve the appropriation of funds.



LEGISLATIVE MEMORANDUM

TO: Honorable Mayor and Members of the City Council

FROM: Scott Morgan, Interim City Manager

THRU: Gabriel Bowden, Utilities Director; Larry Wojciechowski, Finance Director

DATE: April 17, 2025

RE: Miscellaneous: Supervisory Control and Data Acquisition (SCADA) software system, servers, storage, subscription, and licensing – Utilities Department – ('Other Agency' term contract - \$113,967); and approve the appropriation of funds.

SUMMARY:

The Utilities Department is requesting the purchase of servers and storage for the Supervisory Control and Data Acquisition (SCADA) software system. The SCADA system enables the automated operation and monitoring of the plants, wells, and lift stations. It is imperative that this equipment remains functional as it is a crucial component to ensure continued operations of the water treatment plants.

At this time, the SCADA historian servers and storage must be replaced. The current servers and storage have been in place for over 13 years and has reached its end of life. The average life cycle of a server is 6-7 years. As part of the upgrade, the new platform will be identical at both the North Regional Water Treatment Plant (NRWTP) and the South Regional Water Treatment Plant (SRWTP). Benefits of the upgrade include the compartmentalization & backup of data between both plants, redundancy, and improved communication protocols between the NRWTP and SRWTP.

The cost for the installation of the servers and storage will be \$79,825. In addition, there will be subscription and licensing costs in the amount of \$34,142. The total amount needed for the replacement of the SCADA is \$113,967. The Department is closing four SCADA projects and will utilize \$113,967 of these funds to budget for the system and return the remaining \$149,091 to undesignated fund balance. The Department will be budgeting for the SCADA upgrades in future fiscal years.

This request will be purchased utilizing the previously approved "Other Agency Term Contracts".

Additional information related to critical security network infrastructure is exempt pursuant to Florida Statute section 119.0713(5)(a)(1), 119.071(d)(1)(f), and House Bill 7057.

REQUESTING DEPARTMENTS:

Utilities

Finance

FISCAL IMPACT:

An appropriation transfer is proposed in the amount of \$113,967. Remaining appropriated SCADA project funds will be available in the department's operating and renewal/replacement funds for future year budget consideration.

STAFF RECOMMENDATION:

Motion to approve a transfer of appropriations of \$113,966 in fiscal year 2024-2025 budgeted funds for various SCADA projects for the procurement of SCADA servers, storage, subscription, and licensing and to direct the Finance Director to return the remaining \$149,091 for other SCADA projects to undesignated fund balance.



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