

Mayor and Council Communication

DATE: 03/29/22

M&C FILE NUMBER: M&C 22-0197

LOG NAME: 13P21-0201 SCADA SOFTWARE CC WATER

SUBJECT

(ALL) Authorize Execution of a One-Time Purchase of Supervisory Control and Data Acquisition Software and a One Year Technical Support Agreement with Inductive Automation LLC, in an Amount Up to \$243,195.00, Authorize Nine One-Year Renewal Options in the Amount of \$47,070.00 for the Water Department and Adopt Attached Appropriation Ordinance to Effect a Portion of Water's Contribution to the Fiscal Years 2022-2026 Capital Improvement Program

RECOMMENDATION:

It is recommended that the City Council:

1. Authorize execution of a one-time purchase of supervisory control and data acquisition software and a one year technical support agreement with Inductive Automation LLC, in an Amount Up to \$243,195.00,
2. Authorize nine one-year renewal options in the amount of \$47,070.00 for the Water Department; and
3. Adopt attached appropriation ordinance increasing estimated receipts and appropriations in the amount of \$243,195.00 in the Water and Sewer Capital Projects Fund, from available funds, for the purpose of funding the SCADA Replacement project (City Project No. 103086) to effect a portion of water's contribution to the Fiscal Years 2022-2026 Capital Improvement Program.

DISCUSSION:

The Water Department approached the Purchasing Division to procure supervisory control and data acquisition (SCADA) software and a technical support agreement. The software will replace the current SCADA software which was deployed in 1987. The current software has many features and configurations that no longer meet the department's needs and technology standards. The City utilizes this SCADA software to monitor and control water treatment processes in water treatment plants and to ensure water distribution to citizens of Fort Worth and surrounding cities. The software also assists the department in maintaining historical data to fulfill data requests from customers' cities and for report compilation to be used by analysts, the plant operation division, the maintenance division, and the billing division.

The Request for Proposal (RFP) consisted of detailed specifications regarding the software and support requirements. The RFP was advertised in the *Fort Worth Star-Telegram* on October 13, 2021, October 20, 2021, October 27, 2021, November 3, 2021 and November 10, 2021. The City received four proposals.

Proposals were evaluated on best value criteria including the proposer's ability to meet the City's technical requirements and cost. Staff from the Water Department evaluated the proposals submitted and recommend awarding a one-time purchase of SCADA software and a technical support agreement with Inductive Automation LLC.

The one-time cost for licensure is \$196,125.00 with a \$47,070.00 annual maintenance cost. The agreement will have a one-year term with nine one-year optional renewals \$47,070.00 at the City's option. Renewals do not require specific City Council approval, provided that the City Council has appropriated sufficient funds to satisfy City's obligation during the renewal term.

Description	Amount
All software, modules, drivers, and licenses cost (one-time cost)	\$196,125.00
First year maintenance cost	\$47,070.00
First year subtotal	\$243,195.00
9 years maintenance optional renewals	\$423,630.00
Total	\$666,825.00

It is the practice of the Water Department to appropriate its Capital Improvement Program plan throughout the fiscal year, instead of within the

annual budget ordinance, as projects commence, additional funding needs are identified, and to comply with bond covenants. The actions in the Mayor and Council Communication (M&C) will appropriate funds in support of the Water's portion of the City of Fort Worth's Fiscal Years 2022-2026 Capital Improvement Program, as follows:

Capital Fund Name	Project Name	FY2022 CIP Appropriations	Authority	Budget Change (Increase / Decrease)	Revised FY2022 Budget
56002-W&S Capital Projects Fund	103086-SCADA Replacement Project	\$0.00	This M&C	\$243,195.00	\$243,195.00

Appropriations for the SCADA Replacement Project, are as depicted below:

Fund	Existing Appropriations	Additional Appropriations	Project Total*
W&S Capital Projects - Fund 56002	\$0.00	\$243,195.00	\$243,195.00
Project Total	\$0.00	\$243,195.00	\$243,195.00

*Numbers rounded for presentation purposes.

Funding is currently available in the Unspecified-All Funds project within the W&S Capital Projects Fund for the purpose of funding the Scada Replacement project.

A waiver of the goal for M/WBE subcontracting requirements is approved by the Diversity and Inclusion Department, in accordance with Ordinance No. 225165-10-2021 (the Business Equity Ordinance), because the application of the purchase of goods or services is from sources where subcontracting or supplier opportunities are negligible.

In addition, an administrative change order or increase may be made by the City Manager up to the amount allowed by relevant law and the Fort Worth City Code and does not require specific City Council approval as long as sufficient funds have been appropriated. Upon City Council approval, this agreement shall begin upon execution.

FISCAL INFORMATION / CERTIFICATION:

The Director of Finance certifies that funds are currently available in the Unspecified - All Funds project within the W&S Capital Projects Fund and upon approval of the above recommendations and adoption of the attached appropriation ordinance, funds will be available in the W&S Capital Projects Fund for the Scada Replacement project to support the approval of the above recommendations and award of the agreement. Prior to an expenditure being incurred the Water Department has the responsibility of verifying the availability of funds.

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Expedited