

Mayor and Council Communication

DATE: 10/17/23

M&C FILE NUMBER: M&C 23-0880

LOG NAME: 60SCADA RFP SUPPORTA1 - ARCADIS

SUBJECT

(ALL) Authorize Execution Amendment No. 1 in the Amount of \$326,300.00 for a Revised Contract Amount of \$875,097.00 to a Professional Services Agreement (City Secretary No. 54940) with Arcadis U.S., Inc. to Prepare Engineering, Performance and Contractual Standards and Specifications to be Incorporated into a Request for Proposals for the Replacement of the Existing Supervisory Control and Data Acquisition System for the Water Department to Effect a Portion of Water’s Contribution to the Fiscal Years 2024-2028 Capital Improvements Program and Adopt Appropriation Ordinance

RECOMMENDATION:

It is recommended that the City Council:

1. Authorize the execution of Amendment No. 1 in the amount of \$326,300.00 to a Professional Services Agreement with Arcadis U.S., Inc. (City Secretary No. 54940) to prepare Engineering, Performance and Contractual Standards and Specifications to be incorporated into a Request for Proposals for replacement of the existing Supervisory Control and Data Acquisition System for the Water Department project for a revised contract amount of \$875,097.00; and
2. Adopt the attached appropriation ordinance adjusting appropriations in the Water & Sewer Revenue Bonds Series 2021 by increasing appropriations in the SCADA Replacement Project (City Project No. 103086) in the amount of \$875,097.00 and decreasing appropriations in the Unspecified – All Funds project (City Project No. UNSPEC) by the same amount, to effect a portion of Water’s contribution to the Fiscal Years 2024-2028 Capital Improvement Program.

DISCUSSION:

On November 10, 2020, the Mayor and Council Communication (M&C) 20-0833, the City Council authorized the execution of an agreement with Arcadis U.S., Inc. in the amount of \$548,797.00 for the preparation of Engineering, Performance and Contractual Standards and Specifications to be incorporated into a Request for Proposals for the Replacement of the Existing Supervisory Control and Data Acquisition System (SCADA) for the Water Department.

Amendment No. 1 consists of the work to transition the project procurement format from a design build solicitation to competitive sealed proposals, which will include both Request for Qualifications (RFQ) and Request for Proposals (RFP) as part of a two-step procurement process. The amendment will also allow for the recommendation of appropriate division of work, the modification and conformance of contract documents, analysis of existing water treatment plant process programmable logic controllers (PLCs), responding to requests for information during the procurement process, and providing technical analysis and recommendations during the evaluation of vendor submittals. Additionally, requesting funding appropriation to cover the original contract amount of \$548,797.00 with the Water & Sewer Revenue Bonds Series 2021 Fund so the entire contract is being paid by the same funding source.

The Water Department utilizes a SCADA system to monitor and control the water treatment and distribution facilities, along with remotely located sanitary sewer lift stations. The existing SCADA system, initially installed in 1987, utilizes proprietary components, that are no longer manufactured and in need of replacement.

It is the practice of the Water Department to appropriate its CIP 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 M&C will appropriate funds in support of the Water’s portion of the City of Fort Worth’s Fiscal Years 2024-2028 Capital Improvement Program, as follows:

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Capital Fund Name	Project Name	FY2024 CIP Appropriations	Authority	Budget Change (Increase/Decrease)	Revised FY2024 Budget
W&S Rev Bonds Series 2021 Fund 56019	103086 – SCADA Replacement	\$0.00	This M&C	\$875,097.00	\$875,097.00

Funding is available in the Unspecified – All Funds project within the Water and Sewer Revenue Bonds Series 2021 Fund for the purpose of funding the SCADA Replacement project.

Appropriations for SCADA Replacement project are as depicted below:

Fund	Existing Appropriations	Additional Appropriations	Project Total*
W&S Capital Projects Fund 56002	\$548,797.00	\$0.00	\$548,797.00
W&S Rev Bonds Series 2021 – Fund 56019	\$0.00	\$875,097.00	\$875,097.00
Project Total	\$548,797.00	\$875,097.00	\$1,423,894.00

***Numbers rounded for presentation purposes.**

Business Equity – A waiver of the goal for Business Equity subcontracting requirements was requested and approved by the DVIN, in accordance with the applicable Ordinance, because the purchase of goods or services is from sources where subcontracting or supplier opportunities are negligible.

The project serves ALL COUNCIL DISTRICTS.

FISCAL INFORMATION / CERTIFICATION:

The Director of Finance certifies that funds are available in the Unspecified – All Funds project within the W&S Rev Bonds Series 2021 Fund, and upon approval of the above recommendations and adoption of the attached appropriation ordinances, funds will be available in the W&S Rev Bonds Series 2021 Fund for the SCADA Replacement project to support the above recommendations and execution of the change order. Prior to any expenditure being incurred, the Water Department has the responsibility of verifying the availability of funds.

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Expedited