City of Fort Worth, Texas Mayor and Council Communication

DATE: 10/15/24

M&C FILE NUMBER: M&C 24-0853

LOG NAME: 60WATER SCADA REPLC REMONT

SUBJECT

(ALL) Authorize Execution of Contract with Remont Engineering & Design Group, LLC in the Amount Not to Exceed \$8,233,836.00 for Construction of Fort Worth Water SCADA Replacement and Adopt Appropriation Ordinances to Effect a Portion of Water's Contribution to the Fiscal Years 2025-2029 Capital Improvement Program

RECOMMENDATION:

It is recommended that the City Council:

- 1. Authorize execution of a contract with Remont Engineering & Design Group, LLC in the amount not to exceed \$8,233,836.00 for construction of the Fort Worth Water SCADA Replacement project (City Project No. 103086);
- Adopt the attached appropriation ordinance increasing estimated receipts and appropriations in the Water & Sewer Capital Projects Fund in the amount of \$8,595,336.00, from available PayGo Residuals in the Water and Sewer Capital Projects Fund, for the purpose of funding the SCADA Replacement project (City Project No. 103086); and
- 3. Adopt the attached appropriation ordinance adjusting estimated receipts and appropriations in the Water & Sewer Revenue Bonds Series 2024 Fund by increasing estimated receipts and appropriations in the SCADA Replacement project (City Project No. 103086) in the amount of \$850,500.00 and decreasing estimated receipts and appropriations in the Commercial Paper project (City Project No. UCMLPR) by the same amount to effect a portion of Water's Contribution to the Fiscal Years 2025-2029 Capital Improvement Program.

DISCUSSION:

In November of 2020, Mayor & Council Communication (M&C) 20-0833, the City Council authorized execution of an agreement with Arcadis US, 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 (SCADA) system for the Water Department.

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.

The construction project was advertised for bid on March 21 and March 28, 2024, in the Fort Worth Star-Telegram.

On June 13, 2024, seven proposals were received. Three proposals complied with the Diversity and Inclusion Department/Business Equity Division published procedures and were allowed to be scored.

The evaluation panel consisted of individuals from across the Water Department and a Business Equity representative. A scoring matrix was established detailing specific needs for this best value project. Total points available in the matrix were 100, with 50% based on price, 20% based on schedule, and 30% based on technical qualifications. The firms' final scores are listed in the table below.

Propose	Evaluation Criteria					
	Α	в	С	D	Е	Total Score
Remont Engineering & Design Group, LLC	9.50	8.75	9.63	18.52	24.25	70.65
Controls Panel USA, Inc.	0.53	1.20	1.01	5.89	50.00	58.62
Tesco Control, LLC	7.64	8.47	7.63	13.81	10.01	47.56
Prime Controls, LP						
Vertech Industrial Systems, LLC	Proposers were considered non- responsive by the Diversity and Inclusion					

Revere Control Systems, Inc

Best Value Criteria:

A= Project approach which includes general approach narrative, organizational chart, QA/QC program, project controls, and safety program.

B= Firm experience which includes depth of project experience, firm certification & licenses, firm qualifications, and firm local staffing and response.

C= Key personnel which will be scored based on quality and completeness of the key personnel and key subcontractor' resumes presented.

D= Contract time and schedule level of details.

E=Total of base contact proposal items.

Based on the criteria above, Remont Engineering & Design Group, LLC was determined to offer the best value.

This M&C is also funding the Water Information Technology equipment purchases of servers, Fiber Chanel switches, storage, firewalls, work stations and tablets, cyber security suite, licensing, SequelData Pro services, and other equipment to support the SCADA upgrade in the amount of \$1,212,000.00.

It is the practice of the Water Department to appropriate its CIP plan throughout the Fiscal Year (FY), 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 amend the City of Fort Worth's Fiscal Year 2025-2029 Capital Improvement Program as follows:

60SCADA Replac Remont

Capital Fund Name	Project Name	FY2025 CIP Appropriations	Authority	Budget Change (Increase/Decrease)	Revised FY2025 Budget
	103086 – SCADA REPLACEMENT PROJECT	\$0.00	This M&C	\$850,500.00	\$850,500.00
W&S Capital	103086 – SCADA REPLACEMENT PROJECT	\$0.00	This M&C	\$8,595,336.00	\$8,595,336.00

Funding is currently available in the Commercial Paper project within the W&S Rev Bonds Series 2024 Fund and in the Unspecified All-Funds project within the W&S Capital Projects Fund for the purpose of funding this project.

Funding for the SCADA REPLACMENT PROJECT is depicted below:

\$9,387,328.00
\$1,875,097.00

W&S Rev Bonds Series 2024-Fund 56022	\$32,000,000.00	\$850,500.00	\$32,850,500.00
Project Total	\$34,667,089.00	\$9,445,836.00	\$44,112,925.00

*Numbers rounded for presentation purposes.

Business Equity: The Business Equity Division placed a 5 percent business equity goal on this contract. Red Group Inc., submitted a Prime Waiver Form, which is in accordance with the City's Business Equity Ordinance. Red Group, Inc., will be self-performing the entire scope of the contract.

This project is located in ALL COUNCIL DISTRICTS.

FISCAL INFORMATION / CERTIFICATION:

The Director of Finance certifies that funds are currently available in the Unspecified All-Fund project within W&S Capital Projects Fund and in the Commercial Paper project with in the W&S Rev Bonds Series 2024 Fund and upon approval of the above recommendations and adoption of the attached appropriation ordinances, funds will be available in the W&S Capital Projects Fund and the W&S Rev Bonds Series 2024 Fund for the SCADA REPLACEMENT PROJECT. Prior to any expenditure being incurred, the Water Department has the responsibility of verifying the availability of funds.

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