

Mayor and Council Communication

DATE: 01/25/22

M&C FILE NUMBER: M&C 22-0084

LOG NAME: 60EMERSON VC OVATION UPGRADE

SUBJECT

(ALL) Authorize Execution of an Agreement with Emerson Process Management Power & Water Solutions for Wastewater Operations for the Upgrade, Maintenance, and Support of the Ovation Control System at Village Creek Water Reclamation Facility for a One-Time Upgrade Cost of \$1,716,079.00 and an Annual Operating Cost of up to \$120,000.00 and Adopt Attached Appropriation Ordinance

RECOMMENDATION:

It is recommended the City Council:

1. Authorize the execution of an agreement with Emerson Process Management Power & Water Solutions for wastewater operations for the upgrade, maintenance, and support of the Ovation Control System at Village Creek Water Reclamation Facility for a one-time upgrade cost of \$1,716,079.00 and an annual operating cost of up to \$120,000.00; and
 2. Adopt attached appropriation ordinance increasing estimated receipts and appropriations in the Water & Sewer Capital Projects Fund, in the amount of \$1,716,079.00, from available funds, for the purpose of funding the Village Creek Ovation SCADA Upgrade project (City Project No. 103634).
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DISCUSSION:

Wastewater collected from the City of Fort Worth as well as its customer cities is treated at the Village Creek Water Reclamation Facility (VCWRF) by the Wastewater Operations. The City utilizes the Emerson Ovation Control System (OCS), a supervisory control and data acquisition (SCADA) software system, to monitor and control this treatment operation.

The current version of the system in use at Village Creek was deployed in 2010 and now requires upgrades of the hardware and software to supported versions. The proposed upgrades provide increased capacity for monitoring all of the current equipment and notifications and allows for monitoring new assets added by several construction projects. The upgrade of the OCS will maintain existing communications and take advantage of the latest technological offerings to streamline operations.

The new contract for this system will include SureService, the maintenance and support to sustain operations, parts and equipment pricing options to replace failed components, professional services and training offerings, enhanced cybersecurity components to protect the operation, and data management modules that will improve data availability for analysis while keeping the primary system secured. This Emerson "Evergreen" program incorporates a comprehensive asset management and lifecycle planning approach to sustain the system and avoid obsolescence.

RENEWAL TERMS

The SureService maintenance and support for this system will begin when the current SureService agreement ends on April 30, 2023. The agreement will have a one-year term with five one-year renewals at the City's option. Renewals do not require specific City Council approval provided that the City Council has appropriated sufficient funds to satisfy the City's obligation during the renewal term.

ADMINISTRATIVE CHANGE ORDER

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.

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 VC Ovation SCADA Upgrade project. Prior to any expenditure being incurred, Wastewater Operations has the responsibility to verify the availability of funds.

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