

Mayor and Council Communication

DATE: 01/28/25

M&C FILE NUMBER: M&C 25-0075

LOG NAME: 60VCWRF DIGESTER MIXING-FLARE-DOME IMPROVP1CO5-EAGLE

SUBJECT

(CD 5) Authorize Execution of Change Order No. 5 in the Amount of \$183,396.00 to a Contract with Eagle Contracting, LLC., for the Village Creek Water Reclamation Facility's Digester Improvements Project

RECOMMENDATION:

It is recommended that the City Council authorize execution of Change Order No. 5 in an amount of \$183,396.00 to City Secretary Contract No. 58683 with Eagle Contracting, LLC. for the Village Creek Water Reclamation Facility's Digester Improvements project (City Project No. 102652) for a revised contract amount of \$41,126,146.00.

DISCUSSION:

On December 13, 2022, Mayor and Council Communication (M&C) 22-1046, the City Council authorized a contract with Eagle Contracting, LLC. for construction of the Village Creek Water Reclamation Facility (VCWRF) Digester Improvements project for an amount of \$39,773,000.00.

The contract was subsequently revised by Change Order No. 1 with a net total amount of \$13,120.00 after deducts administratively authorized November 29, 2023, that provided for adjustments to piping and concrete pads due to utility conflicts, replacement of door hardware in a control building with panic hardware, changes to pressure sensing piping at the proposed flares to reduce pressure swings at the digesters.

Change Order No. 2 with a net total amount of \$302,221.00 after deducts authorized by the City Council on April 23, 2024, (M&C 24-0355) that provided an additional cleanout in a 14-inch digested sludge line, the inclusion of a layer of asphalt in the annular seals for Digesters 1 through 8 for a longer lasting and robust gas seal, adjustments to the chiller concrete pad and piping, bracket and additional concrete repairs for Digesters 7 and 8, and lead remediation for Digester 8.

Change Order No. 3 with a total amount of \$96,293.00 after deducts administratively authorized July 9, 2024, that provided for bypass piping to redirect digester gas during a tie-in.

Change Order No. 4, authorized by City Council (M&C 24-0856) on October 15, 2024 for \$776,100.00, which came in under the amount authorized, so only a total of \$758,116.00 was added to the contract amount. Change order 4 provided the addition of p-traps with insulation, heat tracing, and jacketing on H2S (Hydrogen Sulfide) vessel drain lines; credit for downsizing wire needed for Transformers PA-9 & PA-10; removal of an additional 109 dry tons of solids from Digesters 7 and 8; additional repairs at dome supports; lead abatement for Digesters 3 and 4 domes; changes to above ground piping at the chillers and dryers resulting in redesign of the chillers; installation of a second chemical injection port Digesters 9 through 14; sealing interior joints between at the steel dome Digesters 1 through 8 after coating; installation of two City furnished 14" low pressure digester gas valves; and installation of a 6-inch tap on new 24 inch high pressure digester gas line.

Change Order No. 5 in the amount of \$183,396.00 will provide for the following that are necessary on the project: the addition of break out panels over four new low-pressure digester gas valves under 10-inch concrete road to facilitate access; the addition of polyurethane coat to the domes to provide more robust corrosion protection of the domes; extension of an existing 8-inch service water line and repair of an additional 30 linear feet of digester pipe insulation.

Additionally, staff recommends the addition of 37 calendar days to Milestone 3.

This M&C will be funded with current remaining balances in the Sewer Capital Legacy Fund-refer to M&C 23-0498. Funding is budgeted in the W&S Rev Bonds Series 2023 Fund for the Water Department for the purpose of funding the Digester Improvements project, as appropriated.

Funding for VCWRF Facility's Digester Improvements project is depicted below:

Fund	Existing Appropriations	Additional Appropriations	Project Total*
W&S Rev Bonds Series 2021 - Fund 56019	\$1,020,150.00	\$0.00	\$1,020,150.00
W&S Rev Bonds Series 2022 - Fund 56020	\$2,218,432.00	\$0.00	\$2,218,432.00
W&S Rev Bonds Series 2023 - Fund 56021	\$25,302,221.00	\$0.00	\$25,302,221.00

Water/Sewer Gas Lease Cap Proj - Fund 53004	\$16,763,858.00	\$0.00	\$16,763,858.00
W&S Capital Projects - Fund 56002	\$4,122,829.54	\$0.00	\$4,122,829.54
Sewer Capital Legacy - Fund 59607	\$1,284,942.08	\$0.00	\$1,284,942.08
Project Total	\$50,712,432.62	\$0.00	\$50,712,432.62

*Numbers rounded for presentation purposes.

The Business Equity Division placed a 3.97 percent business equity goal on this Change Order/Amendment. Eagle Contracting L.P. submitted a Good Faith Effort (GFE) with supporting documentation, which is in accordance with the City's Business Equity Ordinance.

The project is located in COUNCIL DISTRICT 5.

FISCAL INFORMATION / CERTIFICATION:

The Director of Finance certifies that funds are available in the current capital budget, as previously appropriated, in the W&S Rev Bonds Series 2023 Fund for the Digester Improvements project to support the approval of the above recommendation and execution of the change order. Prior to any expenditure being incurred, the Water Department has the responsibility to validate the availability of funds.

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