

Mayor and Council Communication

DATE: 06/11/24

M&C FILE NUMBER: M&C 24-0516

LOG NAME: 60VCWRF DIGESTER MIXING-FLARE-DOME IMPROVPROVEMENTSA4-HAZENS

SUBJECT

(CD 5) Authorize Execution of Amendment No. 4 in the Amount of \$276,828.00 to an Engineering Agreement with Hazen and Sawyer, P.C. for the Village Creek Water Reclamation Facility Digester Improvements Project for a Revised Contract Amount of \$3,665,774.00

RECOMMENDATION:

It is recommended that the City Council authorize execution of Amendment No. 4 in the amount of \$276,828.00 to an engineering agreement with Hazen and Sawyer, P.C. for construction assistance services for the Village Creek Water Reclamation Facility Digester Improvements project (City Secretary Contract No. 54683, City Project No. 102652) for a revised contract amount of \$3,665,774.00.

DISCUSSION:

The purpose of this Mayor and Council Communication (M&C) is to authorize execution of Amendment No. 4 to City Secretary Contract No. 54683 in the amount of \$276,828.00, to an engineering agreement with Hazen and Sawyer, P.C., for construction support services for Village Creek Water Reclamation Facility’s (VCWRF) Digester Improvements project (City Project No. 102652) for a revised contract amount of \$3,665,774.00.

On September 22, 2020, M&C 20-0701, the City Council authorized an engineering agreement with Hazen and Sawyer, P.C., (City Secretary Contract No. 54683), in the amount of \$920,150.00 for the evaluation and design of improvements to the digester mixing systems, digester gas flares, and digester domes at the VCWRF. The agreement was subsequently revised by Amendment No. 1 in the amount of \$1,336,736.00, authorized on August 17, 2021, by M&C 21-0585, to design improvements to the digester gas treatment and conveyance, refurbishment of the turbine gas compressors and upgrades to supporting electrical systems; Amendment No. 2 in the amount of \$1,047,260.00, authorized on December 13, 2022, by M&C 22-1046, to break out a bid package for Phase 1 of construction and to provide construction assistance services that consist of technical assistance, site visits, and coordination among the four projects that will allow digester gas to be utilized as a supplemental fuel source for the new biosolids dryer at the VCWRF Biosolids Management and Beneficial Reuse Facility; and Amendment No. 3, in the amount of \$84,800.00 administratively authorized on February 22, 2024 to provide additional structural inspection of the steel digester domes and redesign of equipment pads to avoid utility conflicts.

Amendment No. 4 will provide for additional construction phase services consisting of inspection, submittal reviews, construction meetings, responses to contractor’s requests for information, and field orders.

Funding for the VCWRF 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.

Business Equity – Hazen and Sawyer, P.C. is in compliance with the City's Business Equity Ordinance by committing to 19.67 percent SBE participation on this project. The City's SBE goal on this project is 9.56 percent.

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 Capital Projects Fund for the Digester Improvements project to support the approval of the above recommendation and execution of the amendment to the agreement. Prior to an expenditure being incurred, the Water Department has the responsibility to validate the availability of funds.

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