

City of Fort Worth, Texas

Mayor and Council Communication

DATE: 01/23/24 M&C FILE NUMBER: M&C 24-0071

LOG NAME: 60VCWRF MASTER PLAN UPDATE AMEND 5

SUBJECT

(CD 5) Authorize the Execution of Amendment No. 5 to an Engineering Agreement with CH2M Hill Engineers, Inc., in the Amount of \$54,144.00 for Village Creek Biosolids Management and Beneficial Reuse Facility Project and Adopt Appropriation Ordinance to Effect a Portion of Water's Contribution to Fiscal Years 2024-2028 Capital Improvement Program

RECOMMENDATION:

It is recommended that the City:

1. Authorize the execution of Amendment No. 5 to City Secretary Contract No. 50018, an Engineering Agreement with CH2M Hill Engineers, Inc. in the amount of \$54,144.00, for a revised contract amount of \$1,249,343.00, for the Village Creek Biosolids Management and Beneficial Reuse Facility project (City Project No. 101961); and
2. Adopt the attached appropriation ordinance adjusting estimated receipts and appropriations in Water & Sewer Capital Project 2019 Fund by increasing estimated receipts and appropriations in the Village Creek Water Reclamation Facility Biosolids Management and Reuse project (City Project No. 101961) in the amount of \$54,144.00 and decreasing estimated receipts and appropriations in the Unspecified-All Funds project (City Project No. UNSPEC) by the same amount for the purpose of funding Village Creek Water Reclamation Facility Biosolids Management and Reuse project (City Project No. 101961) and effect a portion of Water's contribution to the Fiscal Years 2024-2028 Capital Improvement Program.

DISCUSSION:

On November 14, 2017 (Mayor and Council Communication (M&C) C-28475), the City Council authorized an Engineering Agreement in the amount of \$282,822.00 with CH2M Hill Engineers, Inc., for the Village Creek Biosolids Management and Beneficial Reuse Facility project. The agreement was subsequently revised by Amendment No. 1, in the amount of \$77,296.00, administratively authorized September 4, 2018, that provided for additional wastewater solids process modeling work, long-term growth projections and additional alternatives analysis, as well as the preparation of an engineering feasibility report submitted to the Texas Water Development Board (TWDB) as part of a Clean Water State Revolving Fund (CWSRF) Loan application. Amendment No. 2, in the amount of \$245,461.00, authorized February 12, 2019 (M&C C-29039) that provided for the development of a the Request for Qualifications (RFQ) and Request for Proposals (RFP) as part of the procurement process for a design-build-operate contract for biosolids management project and responding to requests for information (RFIs) during the procurement process, for providing technical analysis and recommendations during the evaluation of vendor submittals and during the negotiation of the agreement. Amendment No. 3 authorized June 23, 2020 (M&C 20-0463) in the amount of \$539,620.00 that provided for inspection, testing, and construction administration for the biosolids dryer facility and Amendment No. 4, in the amount of \$50,000.00, administratively authorized October 12, 2023, provided for claims review and technical assistance.

Amendment No. 5 provides for of the necessary services to develop sludge lagoon residuals field sampling, testing, and quality assurance plan for the facility site. This work is necessary to determine appropriate disposal methods for accumulated residuals located in the two sludge lagoons at the Village Creek Biosolids Management and Beneficial Reuse Facility.

Funding for the Village Creek Water Reclamation Facility Biosolids Management & Reuse project is depicted below:

Fund	Existing Appropriations	Additional Appropriations	Project Total*
W&S Capital Projects Fund 56002	\$1,112,098.25	\$0.00	\$1,112,098.25
WS Capital Project 2019 Fund 56016	\$245,461.00	\$54,144.00	\$299,605.00
WS Capital Project 2020 Fund 56018	\$60,000,000.00	\$0.00	\$60,000,000.00
W&S Bond 2020A Fund 56017	\$715,000.00	\$0.00	\$715,000.00
Project Total	\$62,072,559.25	\$54,144.00	\$62,126,703.25

*Numbers rounded for presentation purposes.

Funding is available for appropriations in the Unspecified-All Funds project within the WS Capital Project 2019 Fund for the purpose of funding the Village Creek Water Reclamation Facility Biosolids Management & Reuse project.

This project serves the entire City and is located in COUNCIL DISTRICT 5.

A Form 1295 is not required because: This M&C does not request approval of a contract with a business entity.

FISCAL INFORMATION / CERTIFICATION:

The Director of Finance certifies that funds are currently available in the Unspecified-All Funds project within the WS Capital Project 2019 Fund and upon approval of the above recommendations and adoption of the attached appropriation ordinance, funds will be available in the WS Capital Project 2019 Fund for the VCWRF Biosolids Mgmt & Reuse project to support the above recommendations and execution of the contract. Prior to any expenditure being incurred, the Water Department has the responsibility to validate the availability of funds.

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