

City of Fort Worth, Texas

Mayor and Council Communication

DATE: 02/27/24M&C FILE NUMBER: M&C 24-0178

LOG NAME: 60VCWRF MASTER PLAN UPDATE AMEND 6

SUBJECT

(CD 5) Authorize Execution of Amendment No. 6 to an Engineering Agreement with CH2M Hill Engineers, Inc., in the Amount of \$158,992.00 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 execution of Amendment No. 6 to City Secretary Contract No. 50018, an Engineering Agreement with CH2M Hill Engineers, Inc. in the amount of \$158,992.00, for a revised contract amount of \$1,408,335.00, 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 \$158,992.00 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, Amendment No. 4, in the amount of \$50,000.00, administratively authorized October 12, 2023, provided for claims review and technical assistance and Amendment No. 5, authorized January 23, 2024 (M&C 24-0071) in the amount of \$54,144.00 provided for the sampling and testing of materials from the sludge ponds at the Village Creek Biosolids and Beneficial Reuse Facility.

Amendment No. 6 provides for an operations and maintenance evaluation of the City's sludge centrifuge/dewatering facility and the City's belt/lime facility to identify potential performance improvements at the facility.

It is the practice of the Water Department to appropriate its CIP plan throughout the Fiscal Year, 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 appropriate funds in support of the Water's portion of the City of Fort Worth's Fiscal Years 2024-2028 Capital Improvement Program, as follows:

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| Capital Fund Name | Project Name | FY2024 CIP Appropriations | Authority | Budget Change (Increase/Decrease) | Revised FY2024 Budget |
|--------------------------------------|-------------------------------------|---------------------------|-----------|-----------------------------------|-----------------------|
| WS Capital Project 2019 – Fund 56016 | 101961-VCWRF Biosolids Mgmt & Reuse | \$54,144.00 | This M&C | \$158,992.00 | \$213,136.00 |

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 | \$299,605.00 | \$158,992.00 | \$458,597.00 |
| 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 | \$62,126,703.25 | \$158,992.00 | \$62,285,695.25 |

*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.

Business Equity: A waiver of the goal for Business Equity subcontracting requirements was requested, and approved by the DVIN, in accordance with the applicable Ordinance, because the purchase of goods or services is from sources where subcontracting or supplier opportunities are negligible .

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

A Form 1295 is not required because: This contract will be with a publicly-traded business entity or a wholly-owned subsidiary of a publicly-traded business entity: CH2M Hill Engineers,Inc.

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 amendment. Prior to any expenditure being incurred, the Water Department has the responsibility to validate the availability of funds.

Submitted for City Manager's Office by: Fernando Costa 6122

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Expedited