

City of Fort Worth, Texas

Mayor and Council Communication

DATE: 02/25/25 M&C FILE NUMBER: M&C 25-0142

LOG NAME: 60VCWRFPCCLARIFIERA2-CDM

SUBJECT

(CD 5) Authorize Execution of Amendment No. 2 in the Amount of \$1,505,171.00 to an Engineering Agreement with CDM Smith, Inc., for a Revised Amount of \$6,650,596.00, for the Engineering Support Services During Construction, for the Village Creek Water Reclamation Facility Primary Clarifiers Replacement Phase 1 Project and Adopt Appropriation Ordinance to Effect a Portion of Water's Contribution to the Fiscal Years 2025-2029 Capital Improvement Program

RECOMMENDATION:

It is recommended that the City Council:

1. Authorize execution of Amendment No. 2 in the amount of \$1,505,171.00 to City Secretary Contract No. 56501, an Engineering Agreement with CDM Smith, Inc., for the engineering support services during construction of the Village Creek Water Reclamation Facility Primary Clarifier Replacement Phase 1 project for a revised contract amount of \$6,650,596.00; and
2. Adopt the attached appropriation ordinance adjusting estimated receipts and appropriations in the W&S Rev Bonds Series 2022 Fund by increasing estimated receipts and appropriations in the Village Creek Water Reclamation Facility Primary Clarifiers Replacement Phase 1 project (City Project No.103295) in the amount of \$1,505,171.00 and decreasing estimated receipts and appropriations in the Unspecified All-Funds project (City Project No. UNSPEC) by the same amount to affect a portion of Water's Contribution to the Fiscal Years 2025-2029 Capital Improvement Program.

DISCUSSION:

Village Creek Water Reclamation Facility (VCWRF) currently has 18 primary clarifiers, consisting of 12 small 80-foot diameter clarifiers and 6 large 160-ft diameter clarifiers, located in the southeast corner of the plant. The 12 small primary clarifiers, which were constructed in 1956, 1963, and 1971, have outlived their useful lives and are in need of replacement.

On September 28, 2021, Mayor & Council Communication (M&C) 21-0767 the City Council authorized an engineering agreement with CDM Smith, Inc., (City Secretary Contract No. 56501) in the amount of \$1,433,000.00 for process evaluation, technical memos, preliminary design, cost estimates, and assessment of additional/improvement infrastructure necessary for the replacement of Primary Clarifiers 1-12. The agreement was subsequently revised by Amendment No. 1 in the amount of \$3,712,425.00, authorized by the City Council on May 23, 2023 (M&C 23-0408) to complete the final design, including plans and specifications for the replacement of the 12 small 80-foot Primary Clarifiers and necessary improvements along with additions to the infrastructure.

Amendment No. 2 provides for the engineering support services during construction of the new primary clarifiers, including shop drawings, submittals, change orders review, record drawings and updating the plant operational manual.

CDM Smith, Inc., is proposing to perform the necessary engineering design work for the VCWRF Primary Clarifier Replacement for a fee not to exceed \$1,505,171.00. Staff considers this fee to be fair and reasonable.

This project will have no impact on the Water Department's operating budget when complete.

It is the practice of the Water Department to appropriate its CIP plan throughout the fiscal year (FY), 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 amend the City of Fort Worth's Fiscal Year 2025-2029 Capital Improvement Program as follows:

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Capital Fund Name	Project Name	FY2025 CIP Appropriations	Authority	Budget Change (Increase/Decrease)	Revised FY2025 Budget
56020 – W&S Rev Bonds Series 2022	103295 VC Primary Clarifies REPLPH1	\$0.00	This M&C	\$1,505,171.00	\$1,505,171.00

Funding is budgeted in the Unspecified All-Funds project within the W&S Rev Bonds Series 2022 Fund for the purpose of funding the Village Creek Water Reclamation Facility Primary Clarifiers Replacement Phase 1 project.

Funding for the Village Creek Water Reclamation Facility Primary Clarifiers Replacement Phase 1 project:

Fund	Existing Appropriations	Additional Appropriations	Project Total*
WS Capital Project 2020 – Fund 56018	\$1,839,596.94	\$0.00	\$1,839,596.94
W&S Rev Bonds Series 2022- Fund 56020	\$1,623,300.00	\$1,505,171.00	\$3,128,471.00
Fund 56022 – W&S Rev Bond Series 2024	\$4,035,605.00	\$0.00	\$4,035,605.00
Fund 56023 – W&S Commercial Paper	\$30,676,608.36	\$0.00	\$30,676,608.36
W&S Rev Bonds Series 2024B – Fund 56024	\$57,000,000.00	\$0.00	\$57,000,000.00
Sewer Impact Fee – Fund 57003	\$11,068,124.00	\$0.00	\$11,068,124.00
Project Total	\$106,243,234.30	\$1,505,171.00	\$107,748,405.30

*Numbers rounded for presentation purposes.

Business Equity: CDM Smith, Inc., agrees to maintain its initial M/WBE commitment of 10 percent that it made on the original agreement and extend and maintain that same M/WBE commitment of 10 percent to this amendment. Therefore CDM Smith, Inc. remains in compliance with the City's M/WBE Ordinance and attests to its commitment by its signature on the Acceptance of Previous M/WBE Commitment form executed by an authorized representative of its company.

The project is located in COUNCIL DISTRICT 5 and serves all Council Districts.

FISCAL INFORMATION / CERTIFICATION:

The Director of Finance certifies that funds are currently available in the Unspecified All-Funds project within the W&S Rev Bonds Series 2022 Fund and upon approval of the above recommendations and adoption of the attached appropriation ordinance, funds will be available in the W&S Rev Bonds Series 2022 Fund for the VC Primary Clarifier REPL PH1 project to support the approval of the above recommendations and execution of the agreement. Prior to any expenditure being incurred, the Water Department has the responsibility of verifying the availability of funds.

Submitted for City Manager's Office by: William Johnson 5806

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