

City of Fort Worth, Texas

Mayor and Council Communication

DATE: 05/23/23M&C FILE NUMBER: M&C 23-0416

LOG NAME: 60EMWSWTPPSENCLA3-CDM

SUBJECT

(CD 3 and CD 7 / Future CD 3 and CD 7) Authorize Execution of Amendment No. 3 to an Engineering Agreement with CDM Smith, Inc., in the Amount of \$99,580.00, for Eagle Mountain and Westside Water Treatment Plants Weatherproof Enclosures for a Revised Contract Amount of \$942,791.00, and Adopt Appropriation Ordinance to Effect a Portion of Water’s Contribution to the Fiscal Years 2023-2027 Capital Improvement Program

RECOMMENDATION:

It is recommended that the City Council:

1. Authorize execution of Amendment No. 3 to an Engineering Agreement with CDM Smith, Inc, City Secretary Contract No. 56087 in the amount of \$99,580.00, for construction support services for Eagle Mountain and Westside Water Treatment Plants Weatherproof Enclosures project for a revised contract amount of \$942,791.00; and
2. Adopt the attached appropriation ordinance adjusting estimated receipts and appropriations in the Water & Sewer Revenue Bond Series 2023 Fund by increasing estimated receipts and appropriations in the Eagle Mountain and Westside Water Treatment Plants Weatherproof Enclosures (City Project No.103335) in the amount of \$99,580.00 and decreasing estimated receipts and appropriations in the Unspecified-All Funds project (City Project No. UNSPEC) by the same amount to effect a portion of Water’s contribution to the Fiscal Years 2023-2027 Capital Improvement Program.

DISCUSSION:

The February 2021 Deep Freeze caused power failures to the Eagle Mountain Water Treatment Plant (EMWTP), the Westside Water Treatment Plant (WSWTP) and affected the North and South Holly Water Treatment Plants, along with power supply and freezing issues at some pump stations. In response to the power outages, the Water Department implemented a series of projects to minimize the effects of future power failures and/or freezing temperatures on Water Facilities. In addition, the State of Texas enacted a law, Senate Bill 3 (SB3), requiring the submittal of an Emergency Preparedness Plan by March 1, 2022.

On June 22, 2021, Mayor and Council Communication (M&C) 21-0463 authorized an engineering agreement with CDM Smith, Inc., (City Secretary Contract No. 56087), in the amount of \$439,445.00 for design of the Eagle Mountain and Westside Water Treatment Plants Weatherproof Enclosures. The agreement was subsequently revised by Amendment No. 1 in the amount of \$99,332.00 administratively authorized on November 23, 2021 that provided for interior drainage design, ground penetrating radar and ductbank reroute at Eagle Mountain High Service Pump Station No. 1 and Amendment No. 2 in the amount of \$304,434.00 on March 29, 2022 by (M&C) 22-0238 that provided for construction support services.

Amendment No. 3 will provide additional construction services on the project to provide additional shop drawing reviews and grade beam redesign to conflict with a previously unknown concrete encasement.

The project consists of the enclosure (in prefabricated metal buildings) of three high service pump stations and associated piping located at the Eagle Mountain (two pumps) and Westside Water Treatment (one pump) Plants.

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 2023-2027 Capital Improvement Program, as follows:

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Capital Fund Name	Project Name	FY2023 CIP Appropriations	Authority	Budget Change (Increase/ Decrease)	Revised FY2023 Budget
56021 – W&S Rev Bond Series 2023	103335 - EM & WS Weatherproof Enclosures	\$0.00	This M&C	\$99,580.00	\$99,580.00

Funding will be available in the Unspecified-All Funds project within the W&S Bond Series 2023 fund for the purpose of funding the EM & WS

Weatherproof Enclosures project after the sale of Water and Sewer bonds is completed. The funds will be available in the month of May after the sale of the Water and Sewer bonds is completed and executed.

Funding for the Eagle Mountain and Westside Water Treatment Plants Weatherproof Enclosures are as depicted below:

Fund	Existing Appropriations	Additional Appropriations	Project Total*
W&S Capital Projects - Fund 56002	\$129,724.00	\$0.00	\$129,724.00
W&S Rev Bonds Series 2022 - Fund 56020	\$9,144,089.00	\$0.00	\$9,144,089.00
W&S Rev. Bond Series 2023 – Fund 56021	\$0.00	\$99,580.00	\$99,580.00
Project Total	\$9,273,813.00	\$99,580.00	\$9,373,393.00

*Numbers rounded for presentation purposes.

The project is located in COUNCIL DISTRICTS 3 & 7 and FUTURE COUNCIL DISTRICTS 3 & 7 and the City's Extra Territorial Jurisdiction.

FISCAL INFORMATION / CERTIFICATION:

The Director of Finance certifies that funds will be available after the sale of Water and Sewer bonds is completed in the UNSPEC project within the W&S Rev Bond Series 2023 Fund and upon approval of the above recommendations and adoption of the attached appropriation ordinance, funds will be available in the W&S Rev Bond Series 2023 Fund for the EM & WS Weatherproof Enclosure project to support the approval of the above recommendations and execution of the amendment to agreement and contract. Prior to an expenditure being incurred, the Water Department has the responsibility of verifying the availability of funds.

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