

Mayor and Council Communication

DATE: 08/27/24

M&C FILE NUMBER: M&C 24-0729

LOG NAME: 60EAGLEMWTPEXPA2-CDM

SUBJECT

(CD 7) Authorize Execution of Amendment No. 2 in the Amount of \$11,149,078.00 to an Engineering Agreement with CDM Smith, Inc. for the Final Design of the Eagle Mountain Water Treatment Plant 35 Million Gallons per Day Expansion and Adopt Appropriation Ordinance to Effect a Portion of Water’s Contribution to the Fiscal Years 2024- 2028 Capital Improvement Program

RECOMMENDATION:

It is recommended that the City Council:

1. Authorize execution of Amendment No. 2 to an Engineering Agreement with CDM Smith, Inc. in the amount of \$11,149,078.00.00 for the Final Design of Eagle Mountain Water Treatment Plant 35 Million Gallons per Day Expansion and Pump Station 2 project (City Project No. 105176) for a revised contract amount of \$14,845,068.00; and
2. Adopt the attached appropriation ordinance adjusting estimated receipts and appropriations in the Water & Sewer Revenue Bonds Series 2024 Fund by increasing estimated receipts and appropriations in the Final Design of Eagle Mountain Water Treatment Plant 35 Million Gallons per Day Expansion and Pump Station 2 project (City Project No. 105176) in the amount of \$11,395,918.00 and decreasing estimated receipts and appropriations in the W&S Commercial Paper project (City Project No. UCMLPR) by the same amount, to effect a portion of Water’s contribution to the Fiscal Years 2024-2028 Capital Improvement Program.

DISCUSSION:

On February 27, 2024, Mayor and Council Communication (M&C 24-0172), the City Council authorized an engineering agreement in the amount of \$3,695,990.00 with CDM, Smith Inc. (City Secretary Contract No. 61189) for the Preliminary design of the Eagle Mountain Water Treatment Plant 35 Million Gallons per day (MGD) expansion project.

The agreement was subsequently revised by Amendment No. 1 with a net total amount of \$0.00 administratively authorized on July 16, 2024 that allowed for replacing the work task for unit process evaluation with the work task for Environmental Permitting and Texas Water Development Board report document.

This Mayor and Council Communication (M&C) is to authorize the final Design of Eagle Mountain Water Treatment Plant 35 MGD Expansion and Pump Station 2 project. The proposed expansion project will increase the plant's design capacity from between 35 and 50 million gallons per day and master plan the site for a future ultimate build out of 200 million gallons per day.

CDM Smith, Inc., proposes to provide the necessary services for a fee not to exceed \$11,149,078.00. Staff considers the proposed fee to be fair and reasonable for the scope of services proposed.

In addition to the contract amount, \$246,840.00 is required for staff project management costs.

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 appropriate funds in support of the Water’s portion of the City of Fort Worth’s Fiscal Years 2024-2028 Capital Improvement Program.

Funding for the Preliminary Design of Eagle Mountain Water Treatment Plant 35 MGD Expansion and Pump Station 2 project is depicted below:

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Capital Fund Name	Project Name	FY2024 CIP Appropriations	Authority	Budget Change (Increase/Decrease)	Revised FY2024 Budget
56022-W&S Rev Bonds Series 2024	105176-EMWTP35MGDEXP. AND PS2	\$3,757,990.00	This M&C	\$11,395,918.00	\$15,153,908.00

Funding is budgeted in the Commercial Paper project within the W&S Rev Bonds Series 2024 Fund for the purpose of funding the EMWTRP 35MGD EXP.AND PS2 project.

Funding for the Design of EMWTRP 35MGD EXP. AND PS2 project is depicted below:

Fund	Existing Appropriations	Additional Appropriations	Project Total*
W&S Rev Bonds Series 2024- Fund 56022	\$3,757,990.00	\$11,395,918.00	\$15,153,908.00
Project Total	\$3,757,990.00	\$11,395,918.00	\$15,153,908.00

*Numbers rounded for presentation purposes.

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

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 all prior amendments up to and inclusive of this Amendment No. 2. 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 7.

FISCAL INFORMATION / CERTIFICATION:

The Director of Finance certifies that funds are currently available in the Commercial Paper project within the W&S Rev Bonds Series 2024 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 2024 Fund for the EMWTRP 35MGD EXP. AND PS2 project to support the above recommendations and execution of the amendment. Prior to an expenditure being incurred, the Water Department has the responsibility of verifying the availability of funds.

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Expedited