

City of Fort Worth, Texas

Mayor and Council Communication

DATE: 08/12/25M&C FILE NUMBER: M&C 25-0715

LOG NAME: 60EAGLEMWTPEXPA4-CDM

SUBJECT

(CD 7) Authorize Execution of Amendment No. 4 in the Amount of \$6,249,236.00 to an Engineering Agreement with CDM Smith Inc. for the Engineering Support Services During Construction, for 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 2025- 2029 Capital Improvement Program

RECOMMENDATION:

It is recommended that the City Council:

- 1. Authorize execution of Amendment No. 4 to an Engineering Agreement with CDM Smith Inc. (City Secretary Contract No. 61189) in the amount of \$6,249,236.00 for the Engineering Support Services during construction, for the 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 \$21,094,304.00; 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 Eagle Mountain Water Treatment Plant 35 Million Gallons per Day Expansion and Pump Station 2 project (City Project No. 105176) in the amount of \$6,372,979.00 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 2025-2029 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.

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, Amendment No. 2 in the amount of \$11,149,078.00 authorized by Mayor and Council Communication (M&C) 24-0729 on August 27, 2024, that authorized final design for the project, and Amendment No. 3 with a net total amount of \$0.00 administratively authorized on March 5, 2025, that provided for project cost substitution at no additional cost.

Amendment No. 4 provides for engineering support services during construction of the Eagle Mountain Water Treatment Plant 35 MGD Expansion to include site visits and inspections, monthly construction meetings, shop drawing review, response to requests for information, instrumentation witness factory test and functional demonstration testing, start-up and operations, record drawings, operations and administrative maintenance manuals, developing standard operating procedures, special inspections for piers, and disinfection studies.

CDM Smith Inc., proposes to provide the necessary services for a fee not to exceed \$6,249,236.00. Staff considers the proposed fee to be fair and reasonable for the scope of services proposed.

In addition to the contract amount, \$123,743.00 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 2025-2029 Capital Improvement Program.

Funding for the design of Eagle Mountain Water Treatment Plant 35 Million Gallons per Day Expansion and Pump Station 2 project is depicted below:

Fund	Existing Appropriations	Additional Appropriations	Project Total*
W&S Rev Bonds Series 2024- Fund 56022	\$15,503,908.00	\$6,372,979.00	\$21,876,887.00
W&S Rev Bonds Series 2024C – Fund 56025	\$122,000,000.00	\$0.00	\$122,000,000.00
Project Total	\$137,503,908.00	\$6,372,979.00	\$143,876,887.00

*Numbers rounded for presentation purposes.

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

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 EMWTP 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.

Submitted for City Manager's Office by: Jessica McEachern 5804

Originating Business Unit Head: Chris Harder 5020

Additional Information Contact: James McDonald 4982