

City of Fort Worth, Texas

Mayor and Council Communication

DATE: 06/11/24M&C FILE NUMBER: M&C 24-0513

LOG NAME: 60PFASTREATMENTSTUDYA1-BROWN AND CALWELL

SUBJECT

(ALL) Authorize Execution of Amendment No. 1 to an Engineering Agreement with Brown and Caldwell in the Amount of \$1,797,323.00, for a Revised Contract Amount of \$3,101,626.00, for the Emerging Contaminants Per- and Polyfluoroalkyl Substances Treatment Study 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 Council:

- 1. Authorize execution of Amendment No. 1 to City Secretary Contract Number 60733, an engineering agreement with Brown and Caldwell, in the amount of \$1,797,323.00 for a revised contract amount of \$3,101,626.00 for the Emerging Contaminants Per- and Polyfluoroalkyl Substances Treatment Study project; and
- 2. Adopt the attached appropriation ordinance increasing estimated receipts and appropriations in the Water and Sewer Capital Projects Fund in the amount of \$1,797,323.00, from available PayGo residuals within the Water and Sewer Capital Projects Fund, for the purpose of funding the Emerging Contaminants Per- and Polyfluoroalkyl Substances Treatment Study project (City Project No. 104942) to effect a portion of Water’s Contribution to the Fiscal Years 2024-2028 Capital Improvement Program.

DISCUSSION:

The United States Environmental Protection Agency’s (USEPA) ruling for regulating Maximum Contaminant Levels and Hazard Index for Per- and Polyfluoroalkyl Substances (PFAS) in drinking water has prompted the Water Department to formulate plans to monitor potential sources and reduce PFAS levels through source identification and treatment (if necessary). Prior to the adoption of USEPA's final rules, the Water Department initiated testing of multiple sources including raw water, sewer, and drinking water to better understand the full water life-cycle challenge in removing these contaminants. Through early testing, staff determined that additional advanced treatment may be needed at the drinking water treatment plants in order to comply with the proposed PFAS regulations.

On December 12, 2023 Mayor & Council Communication (M&C 23-1075), the City Council authorized execution of an engineering agreement with Brown and Caldwell in the amount of \$1,304,303.00 to conduct systematic sampling and testing of the water through various phases of the treatment process to help determine the optimal treatment strategy for reliable and economical removal of PFAS. Sampling has been conducted from all existing raw water sources and from various stages at all five City water treatment plants. The results will affect all existing and future customers.

Amendment No. 1 will provide for preliminary engineering design for PFAS treatment at the South Holly Water Treatment Plant, consisting of an activated carbon contactor, transfer pump station, and interconnected piping with the North Holly Water Treatment Plant. This project is necessary to treat raw water originating from Lake Worth to meet drinking water regulatory standards recently approved by the United States Environmental Protection agency for PFAS compounds.

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, as follows:

Capital Fund Name	Project Name	FY2024 CIP Appropriations	Authority	Budget Change (Increase/Decrease)	Revised FY2024 Budget
Fund 56002 – Water & Sewer Capital Project	104942 – Emerg. Cont. PFAS Trtmnt Study	\$0.00	This M&C	\$1,797,323.00	\$1,797,323.00

Funding is available in the Unspecified-All Funds project within the Water & Sewer Capital Projects Fund for the purpose of funding the Emerging

Contaminants PFAS Treatment Study project.

Funding for the Emerging Contaminants PFAS Treatment Study project is depicted below:

Fund	Existing Appropriations	Additional Appropriations	Project Total*
Fund 56002 – W&S Capital Project	\$1,304,303.00	\$1,797,323.00	\$3,101,626.00
Project Total	\$1,304,303.00	\$1,797,323.00	\$3,101,626.00

*Numbers rounded for presentation purposes.

BUSINESS EQUITY OFFICE: Brown and Caldwell agrees to maintain its initial M/WBE commitment of 14% that it made on the original agreement and extend and maintain that same M/WBE commitment of 14% to this first amendment. Therefore, Brown and Caldwell 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.

This project is located in 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 Capital Projects Fund and upon the approval of the above recommendations and adoption of the attached appropriation ordinance, funds will be available in the W&S Capital Projects Fund for the Emerg. Cont. PFAS Trtmnt. Study project to support the above recommendations and execution of the engineering agreement. Prior to any expenditure being incurred, the Water Department has the responsibility of verifying the availability of funds.

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