

Posting Language

Recommend approval for an additional contingency for the construction contract with Pepper Lawson Waterworks, LLC for the Walnut Creek Wastewater Treatment Plant Tertiary Filter Rehabilitation project in the amount of \$252,180 for a total amount not to exceed \$28,047,021. (District 1).

MBE/WBE

This contract was awarded in compliance with Chapter 2-9A of the City Code (Minority Owned and Women Business Enterprise Procurement Program). Current participation to date is 23.73% MBE and 1.37% WBE.

Lead Department

Financial Services Department

Client Department

Austin Water Assistant Director of Engineering Services, Shay Ralls Roalson

Fiscal Note

Funding is available in the Capital Budget of Austin Water

Purchasing Language

Original contract was awarded through a competitive Invitation for Bid solicitation process.

Prior Council Action

June 14, 2018 - Council awarded additional contingency for the construction contract with Pepper-Lawson Waterworks, LLC for the Walnut Creek WWTP Tertiary Filter Rehabilitation project

January 26, 2017 - Council awarded a construction contract with Pepper Lawson Waterworks, LLC for the Walnut Creek WWTP Tertiary Filter Rehabilitation project

Council Committee, Boards and Commission Action

November 9, 2022 - To be reviewed by the Water & Wastewater Commission

Additional Backup Information

The Walnut Creek Wastewater Treatment Plant (WWTP) receives wastewater flow from Austin Water's wastewater collection system. The plant was originally built in 1977. Over the years, the treatment plant has undergone numerous improvements and upgrades to modernize treatment methods as well as to expand treatment capacity to 75 million gallons per day (MGD) with a two-hour peak flow of 165 MGD. Treated plant effluent is discharged into the Colorado River. A portion of the treated effluent is used for non-potable water (NPW) on the plant site and supplies much of the City's Reclaimed Water program.

The tertiary filters at the Walnut Creek WWTP serve as the final step in the wastewater treatment process. Construction of this project began in March 2017 and is substantially complete. Due to unforeseen conditions associated with rehabilitating an existing facility, change orders to date have

exhausted all available contingency. Additional contingency of approximately 1% of the contract amount is requested due to the unanticipated need to replace certain valves and controls in the filter piping gallery to improve the reliability of the filter backwash system.

A contingency is an additional amount of money added to the construction budget to cover any unforeseen construction costs associated with the project. By authorizing the additional contingency funding, Council is authorizing any change orders within the contingency amount.

This project is located within zip code 78725 (District 1).

PLW Waterworks, LLC is located in The Woodlands, Texas.

Strategic Outcome(s)

Health and Environment

AUTHORIZATION HISTORY

AMOUNT	DATE	DESCRIPTION
\$25,218,000.00	01/26/17	(Council) – Construction contract with Pepper Lawson Waterworks, LLC
\$1,260,900.00	01/26/17	(Council) – 5% Contingency
\$58,000.00	01/26/17	(Administrative Authority)
\$1,260,900.00	06/14/18	(Council) – Additional Contingency
\$252,180.00	12/01/22	Proposed (Council) – Additional Contingency
\$28,049,980.00	<i>Total Contract Authorization</i>	

CONTRACT HISTORY

AMOUNT	DATE	DESCRIPTION (CO%/CUMULATIVE CO%)
\$25,218,000.00	03/23/17	Construction contract executed
\$113,495.06	09/12/17	CO #1 – Duct bank material remediation, erosion control at Sodium Bisulfate building, sewer line investigation (0.45%/0.45%)
\$577,134.63	11/08/17	CO #2 – Electrical code compliance, new duct bank and wiring (2.29%/2.74%)
\$430,765.44	09/10/18	CO #3 – Gate operator redesign, flow meter connections, reroute 3-inch main (1.71%/4.45%)
\$686,330.57	04/22/19	CO #4 – Duct bank modifications, PLC/SCADA changes for two pumps (2.72%/7.17%)
\$230,506.58	08/06/19	CO #5 – Temporary filtration system pumps and piping (0.91%/8.08%)
\$186,842.98	11/18/19	CO #6 - Install duct bank, install electrical, turbidity instruments, sodium bisulfate skid modifications (0.74%/8.82%)
\$87,845.94	04/02/20	CO #7 – Replace portion of non-potable water piping, additional pumping during plant shut down, allowance credit (0.35%/9.17%)
\$69,407.20	05/11/20	CO #8- Relocate gas line, over-pipe access walkways at clarifier 5, grout coating for filters 1-4 (0.28%/9.45%)
\$5,570.10	07/08/20	CO #9 - Modify existing Low Service Pump Sump programming (0.02%/9.47%)
(\$40,151.70)	10/26/20	CO #10 – Credits: vacuum pump system, filters 2 and 4 flume walls, 8-inch pipe not installed, allowances 1,3,5, and 6 (-0.16%/9.31%)
\$220,225.10	06/08/21	CO #11 – Equipment for wastewater monitor and additional spare pump, programming and modifications to filter control system (0.87%/10.18%)
\$8,868.66	07/26/22	CO #12 – Add air pressure monitoring for bubbler master control panel (0.04%/10.22%)
\$252,180.00	Proposed	Additional Contingency – (1.00%/11.22%)
\$278,794,047,840.56	<i>Total Contract History</i>	

Walnut Creek Wastewater Treatment Plant – Site
Location 7113 FM 969, Austin, Texas 78725

