



Legislation Text

File #: 22-1659, **Version:** 1

STRATEGIC PRIORITY: Transportation & Infrastructure
AGENDA DATE: September 14, 2022
COUNCIL DISTRICT(S): 6, Outside City Limits
DEPARTMENT: Water Utilities Department
EXECUTIVE: Kimberly Bizer Tolbert

SUBJECT

Authorize **(1)** an increase in appropriations in an amount not to exceed \$20,001,590.00 in the Water Construction Fund; and **(2)** a construction services contract for major maintenance and rehabilitation improvements at Dallas Water Utilities Water Treatment Plants - Archer Western Construction, LLC, only bidder - Not to exceed \$25,427,590.00 - Financing: Water Construction Fund (\$20,516,590.00) and Water Capital Improvement G Fund (\$4,911,000.00)

BACKGROUND

Dallas Water Utilities (DWU) provides water to approximately 2.6 million residents in the City of Dallas and neighboring communities. DWU operates three potable water treatment plants - Bachman, Elm Fork, and East Side. The combined treatment capacity of these facilities is approximately 900 million gallons per day.

On August 12, 2020, a professional services contract was awarded for the evaluation and design of high priority major maintenance improvements at each water treatment plant. The assessments were completed, and major maintenance improvements have been designed and advertised for bids. This action will authorize a construction contract to update existing equipment and address infrastructure needs at the three water treatment plants. At the Bachman Water Treatment Plant, improvements include the removal of two existing chemical storage tanks and the installation of two new 5,000-gallon fiberglass storage tanks, repair of the chemical containment area, expansion of emergency eyewash and shower tepid water system, and the replacement of 28 programmable logic controllers. At the East Side Water Treatment Plant, improvements include the installation of a new elevated water storage tank, chemical storage area and pump room improvements, replacement of existing polyvinyl chloride (PVC) lime slurry piping with stainless steel piping, and other various items. At the Elm Fork Water Treatment Plant, improvements include the replacement of primary sedimentation basin clarifier mechanism blades and squeegees, replacement of the emergency ammonia scrubber, and other various items.

As treatment facilities and associated equipment age, technology improves, regulatory requirements and operational conditions change, treatment facilities and equipment need to be rehabilitated or upgraded to ensure reliable and quality water service to DWU customers. The assessment of key facilities at each treatment plant has enabled DWU to prioritize and select maintenance projects to be completed. This project is the first Major Maintenance and Rehabilitation Project of an ongoing program to evaluate key facilities and schedule periodic major maintenance improvements at each of DWU's water treatment plants.

The following chart illustrates Archer Western Construction, LLC's contractual activities with the City of Dallas for the past three years:

	<u>PBW</u>	<u>DWU</u>	<u>PKR</u>	<u>TRN</u>
Projects Completed	0	4	0	0
Active Projects	0	2	0	0
Change Orders	0	3	0	0
Projects Requiring Liquidated Damages	0	0	0	0
Projects Completed by Bonding Company	0	0	0	0

ESTIMATED SCHEDULE OF PROJECT

Begin Construction	November 2022
Complete Construction	November 2024

PRIOR ACTION/REVIEW (COUNCIL, BOARDS, COMMISSIONS)

This item has no prior action.

FISCAL INFORMATION

Fund	FY 2022	FY 2023	Future Years
Water Construction Fund	\$20,516,590.00	\$0.00	\$0.00
Water Capital Improvement G Fund	\$ 4,911,000.00	\$0.00	\$0.00
Total	\$25,427,590.00	\$0.00	\$0.00

<u>Council District</u>	<u>Amount</u>
6	\$ 2,906,375.54
Outside City Limits	<u>\$22,521,214.46</u>
Total	\$25,427,590.00

M/WBE INFORMATION

In accordance with the City's Business Inclusion and Development Policy adopted on September 23, 2020, by Resolution No. 20-1430, as amended, the M/WBE participation on this contract is as follows:

Contract Amount	Category	M/WBE Goal	M/WBE Subcontracting %	M/WBE Overall %	M/WBE Overall Participation \$
\$25,427,589.99	Construction	32.00%	32.13%	32.13%	\$8,168,904.59
• This contract exceeds the M/WBE participation					
• Archer Western Construction LLC, Local; Workforce - .079% Local					

PROCUREMENT INFORMATION

The following single bid with quotes was received and opened on June 3, 2022:

*Denotes only bidder

<u>Bidder</u>	<u>Bid Amount</u>
*Archer Western Construction, LLC 1411 Greenway Drive Irving, Texas 75038	\$25,427,590.00

Note: Dallas Water Utilities has reviewed this procurement and determined that the bid was conducted in accordance with Administrative Directive 4-05 and that reasonable efforts were made to increase bid participation. This procurement meets the requirements for a single bid and represents a good value for the work to be performed.

OWNER

Archer Western Construction, LLC

Daniel P. Walsh, President

MAPS

Attached