



Legislation Text

File #: 22-98, **Version:** 1

STRATEGIC PRIORITY: Mobility Solutions, Infrastructure, and Sustainability

AGENDA DATE: January 12, 2022

COUNCIL DISTRICT(S): 7

DEPARTMENT: Water Utilities Department

EXECUTIVE: Majed Al-Ghafry

SUBJECT

Authorize an increase in the construction services contract with Archer Western Construction, LLC for emergency work associated with the repair of a 72-inch diameter water main near the Trinity River - Not to exceed \$770,088.65, from \$12,820,574.37 to \$13,590,663.02 - Financing: Water Construction Fund

BACKGROUND

On September 11, 2019, City Council authorized a construction services contract with Archer Western Construction, LLC for Complex A Mechanical and Process Improvements at the Central Wastewater Treatment Plant. On July 21, 2021, Administrative Action No. 21-0843 authorized Change Order No. 1 for additional construction services related to mechanical shaft seal replacement at the return activated sludge pumping units and grit removal in the Complex A clarifier influent channels. This action will ratify additional construction services for the emergency repair of a 72-inch diameter water main near the Trinity River.

On August 4, 2021, Dallas Water Utilities (DWU) staff investigated a pipe failure near the Trinity River northeast of East Overton Road between Julius Schepps Freeway (IH 45) and S.M. Wright Freeway (SH 310). After evaluating the failure and extent of repairs needed, DWU determined that the resources of a private construction company would be necessary due to the size and the depth of the main. Archer Western Construction, LLC was contacted based on their capabilities, resources, and existing contract with DWU. Under the supervision of DWU operation and inspection staff, an emergency repair was completed, and the pipeline was placed back in service. The repair consisted of the removal and replacement of approximately 20 linear feet of 72-inch diameter reinforced concrete pipe, the installation of two manholes, the repair of five damaged pipe joints, patching of stress cracks along the existing pipe, the installation of pipe encasement, grading and concrete placement around the two manholes, and placement of concrete and flowable fill along the riverbank for erosion protection.

The existing pipeline was constructed in 1988 and serves a critical role in the City of Dallas water distribution system. Without immediate action, further structural failure would have resulted in a detrimental interruption of water distribution in the City of Dallas.

ESTIMATED SCHEDULE OF PROJECT

Began Construction August 2021
Completed Construction August 2021

PRIOR ACTION/REVIEW (COUNCIL, BOARDS, COMMISSIONS)

On September 11, 2019, City Council authorized a construction services contract with Archer Western Construction, LLC for Complex A Mechanical and Process Improvements at the Central Wastewater Treatment Plant by Resolution No. 19-1420.

FISCAL INFORMATION

Fund	FY 2022	FY 2023	Future Years
Water Construction Fund	\$770,088.65	\$0.00	\$0.00

Construction Contract	\$12,759,200.00
Change Order No. 1	\$ 61,374.37
Change Order No. 2 (this action)	\$ <u>770,088.65</u>

Total Project Cost	\$13,590,663.02
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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	Procurement Category	M/WBE Goal	M/WBE %	M/WBE \$
\$770,088.65	Construction	25.00%*	0.00%	\$0.00
• *This item reflects previous Business Inclusion and Development Policy M/WBE goal.				
• This contract does not meet the M/WBE goal, but complies with good faith efforts.				
• Change Order No. 2 - 25.45% Overall M/WBE participation				
• Archer Western Construction, LLC - Local; Workforce - 7.91% Local				

OWNER

Archer Western Construction, LLC.

Daniel P. Walsh, President

MAP

Attached