



Legislation Details (With Text)

File #:	20-1520	Version:	1	Name:	
Type:	CONSENT AGENDA			Status:	Approved
File created:	8/5/2020			In control:	Water Utilities Department
On agenda:	9/9/2020			Final action:	9/9/2020
Title:	Authorize an increase in the construction services contract with Archer Western Construction, LLC for additional work associated with the East Side Water Treatment Plant Site and Security Improvements Project - Not to exceed \$396,360.56, from \$2,655,900.00 to \$3,052,260.56 - Financing: Water Capital Improvement D Fund				
Sponsors:					
Indexes:	200				
Code sections:					
Attachments:	1. Map, 2. Resolution				

Date	Ver.	Action By	Action	Result
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STRATEGIC PRIORITY: Mobility Solutions, Infrastructure, and Sustainability

AGENDA DATE: September 9, 2020

COUNCIL DISTRICT(S): Outside City Limits

DEPARTMENT: Water Utilities Department

EXECUTIVE: Majed Al-Ghafry

SUBJECT

Authorize an increase in the construction services contract with Archer Western Construction, LLC for additional work associated with the East Side Water Treatment Plant Site and Security Improvements Project - Not to exceed \$396,360.56, from \$2,655,900.00 to \$3,052,260.56 - Financing: Water Capital Improvement D Fund

BACKGROUND

The East Side Water Treatment Plant (ESWTP) was originally constructed in the 1960's and is the largest of Dallas Water Utilities' three water treatment plants. The treatment capacity has been expanded four times since the original construction and has a capacity of 540 million gallons per day. As such, the ESWTP supplies approximately half of the treated water delivered to City of Dallas customers and customer cities and is critical to maintaining an adequate and safe water supply.

On June 27, 2018, City Council authorized a construction contract with Archer Western Construction, LLC for a new front entrance, guardhouse, automatic gate system, security system and north perimeter fencing. This new entrance and the associated improvements bring the facility up to

current Department of Homeland Security and American Water Works Association guidelines for secured entrances to critical infrastructure such as drinking water treatment plants.

This action authorizes Change Order No. 1 to the construction services contract for additional work identified during construction of the improvements. The major work includes the addition of a geogrid system and additional thickness in the entrance paving for improved durability over the original design to better withstand the heavy loading of chemical delivery trucks. Other work associated with this change order includes miscellaneous items required for constructability and long-term maintenance improvements such as modifications for improved drainage at the automatic gate rails, changes to steel reinforcement at curbs, additional bollards, temporary lighting, additional fence length, the shifting of piers to avoid utilities, and an additional heating, ventilation, air conditioning unit to accommodate unexpected heat loads from the electrical room.

ESTIMATED SCHEDULE OF PROJECT

Began Construction	July 2018
Complete Construction	November 2020

PRIOR ACTION/REVIEW (COUNCIL, BOARDS, COMMISSIONS)

On June 27, 2018, City Council authorized a construction services contract with Archer Western Construction, LLC for the East Side Water Treatment Plant Site and Security Improvements Project by Resolution No. 18-0950.

FISCAL INFORMATION

Fund	FY 2020	FY 2021	Future Years
Water Capital Improvement D Fund	\$396,360.56	\$0.00	\$0.00

Construction	\$2,655,900.00
Change Order No. 1 (this action)	\$ 396,360.56

Total Project Cost	\$3,052,260.56
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M/WBE INFORMATION

In accordance with the City's Business Inclusion and Development Plan adopted on October 22, 2008, by Resolution No. 08-2826, as amended, the M/WBE participation on this contract is as follows:

Contract Amount	Category	M/WBE Goal	M/WBE %	M/WBE \$
\$396,360.56	Construction	25.00%	33.26%	\$131,833.05
<ul style="list-style-type: none"> • This contract exceeds the M/WBE goal. 				
<ul style="list-style-type: none"> • Change Order No. 1 - 26.33% Overall M/WBE Participation 				
<ul style="list-style-type: none"> • Archer Western Construction, LLC - Dallas County; Workforce - 7.92% Local 				

OWNER

Archer Western Construction, LLC

Daniel P. Walsh, President

MAP

Attached