



## Legislation Text

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**File #:** 23-269, **Version:** 1

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**STRATEGIC PRIORITY:** Transportation & Infrastructure

**AGENDA DATE:** May 10, 2023

**COUNCIL DISTRICT(S):** 2, 8, 9, 10, 12

**DEPARTMENT:** Water Utilities Department

**EXECUTIVE:** Kimberly Bizer Tolbert

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### **SUBJECT**

Authorize **(1)** an increase in appropriations in an amount not to exceed \$6,435,219.45 in the Water Revenue Bonds - Series 2009-B Fund; and **(2)** a construction services contract for Water Delivery SCADA, Frankford Pump Station, Abrams Pump Station, and pump station electrical improvements - Archer Western Contractors, lowest responsible bidder of two - Not to exceed \$30,158,400.00 - Financing: Water Capital Improvement F Fund (\$14,223,180.55), Water Construction Fund (\$9,500,000.00), and Water Revenue Bonds - Series 2009-B Fund (\$6,435,219.45)

### **BACKGROUND**

The City of Dallas Water Utilities (DWU) provides drinking water and fire flow protection to approximately 2.4 million people in the City of Dallas and 23 customer cities. DWU's water delivery system consists of 22 pump stations, 21 storage tanks, 18 pressure planes, and over 5,000 miles of pipeline infrastructure. A supervisory control and data acquisition (SCADA) system is used to operate and control the delivery of water. The existing SCADA system "top end" was originally installed in 2012 and has reached the end-of-support and is operating with expired warranties. In addition, several important needs have been identified within the water delivery system to improve pressure, address aging infrastructure, and provide electrical resiliency through condition assessments, master planning, and risk & resiliency evaluations.

This action will authorize a construction services contract with Archer Western Contractors for improvements to the Water Delivery SCADA System, construction of a new Frankford Road Pump Station, major maintenance work at Abrams Pump station, and electrical improvements at multiple pumping facilities city-wide. SCADA improvements will include replacement of hardware, updated software, cyber security improvements, updated reporting, as well as configuration, testing and training for Primary and Secondary Pumping Control Centers.

The Frankford Road Pump Station includes construction of a new pump station at the Highland Tank site to ensure reliable water pressure for the Meandering Way area as identified by master plan modeling efforts. Abrams Pump Station improvements include rehabilitation work on the storage tank, meter vault, pump station piping and other site civil and security improvements. This contract also includes electrical improvements at the Alta Mesa, Parkway, and Camp Wisdom pump stations to improve electrical reliability and resiliency.

The following chart illustrates Archer Western Contractors'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	5	0	0
Active Projects	0	4	0	0
Change Orders	0	4	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      July 2023  
Complete Construction      April 2025

### **PRIOR ACTION/REVIEW (COUNCIL, BOARDS, COMMISSIONS)**

This item has no prior action.

### **FISCAL INFORMATION**

Fund	FY 2023	FY 2024	Future Years
Water Capital Improvement F Fund	\$14,223,180.55	\$0.00	\$0.00
Water Construction Fund	\$ 9,500,000.00	\$0.00	\$0.00
Water Revenue Bonds - Series 2009-B Fund	\$ 6,435,219.45	\$0.00	\$0.00
Total	\$30,158,400.00	\$0.00	\$0.00

### **Council District**

### **Amount**

2	\$ 4,498,150.00
8	\$ 1,187,300.00
9	\$ 4,586,650.00
10	\$ 3,866,400.00
12	<u>\$16,019,900.00</u>
Total	\$30,158,400.00

## **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:

<b>Contract Amount</b>	<b>Procurement Category</b>	<b>M/WBE Goal</b>
\$30,158,400.00	Construction	32.00%
<b>M/WBE Subcontracting %</b>	<b>M/WBE Overall %</b>	<b>M/WBE Overall Participation \$</b>
13.47%	13.47%	\$4,062,331.21
• This contract does not meet the M/WBE goal, but complies with good faith efforts.		
• Archer Western Construction, LLC - Local; Workforce - 8.00% Local		

## **PROCUREMENT INFORMATION**

The following two bids with quotes were opened on January 23, 2023:

\*Denotes successful bidder

<b><u>Bidders</u></b>	<b><u>Bid Amount</u></b>
*Archer Western Contractors 1411 Greenway Drive Irving, TX 75038	\$30,158,400.00
Prime Controls, L.P.	\$34,351,667.00

## **OWNER**

### **Archer Western Contractors**

Daniel P. Walsh, President

## **MAP**

Attached