



Legislation Text

File #: 20-1772, **Version:** 1

STRATEGIC PRIORITY: Mobility Solutions, Infrastructure, and Sustainability
AGENDA DATE: January 13, 2021
COUNCIL DISTRICT(S): 1, 2, 3, 4, 7, 9, 10, 11, 13, 14, Outside City Limits
DEPARTMENT: Water Utilities Department
EXECUTIVE: Majed Al-Ghafry

SUBJECT

Authorize a construction services contract for the installation of water and wastewater main improvements at 12 locations (list attached to the Agenda Information Sheet) and water transmission main valve improvements at 27 locations - Ark Contracting Services, LLC, lowest responsible bidder of three - Not to exceed \$11,420,977.00 - Financing: Water (Drinking Water) - TWDB 2019 Fund (\$9,486,526.39) and Wastewater (Clean Water) - 2019 TWDB Fund (\$1,934,450.61)

BACKGROUND

This action will authorize a construction services contract with Ark Contracting Services, LLC for the replacement and rehabilitation of approximately 13,890 feet of water and wastewater mains and transmission main valve improvements at various locations. This includes the installation of approximately 30 feet of 4-inch, 595 feet of 6-inch, 4,600 feet of 8-inch, 2,955 feet of 12-inch, 180 feet of 16-inch and 2,370 feet of 24-inch water mains, the installation of approximately 1,910 feet of 8-inch and 1,000 feet of 12-inch wastewater mains, and the rehabilitation of 250 feet of 16-inch wastewater mains.

The existing mains targeted for replacement and rehabilitation were built between 1891 and 1969. These mains are contributing to an increase in maintenance costs, as well as service interruptions. The installation of the proposed segments will improve the capacity of the water and wastewater systems and reduce maintenance costs.

The construction contract also includes air release valve improvements on the 90-inch and 84-inch White Rock North Water Transmission Main. This critical pipeline moves up to 190 million gallons of water per day to customers in North Dallas, East Dallas and customer cities. Sudden disruptions in pump operation, such as would result from a power outage, can cause pressure surges which could rupture the pipeline. A pipeline rupture would cause property damage and disruption in service to water customers. The air release valve improvements will reduce the risk of pipe rupture from surge events and should be completed as soon as possible to protect this critical pipeline.

The following chart illustrates Ark Contracting Services, 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>
<u>Projects Completed</u>	<u>5</u>	<u>1</u>	<u>1</u>	<u>0</u>
<u>Active Projects</u>	<u>0</u>	<u>5</u>	<u>0</u>	<u>0</u>
<u>Change Orders</u>	<u>3</u>	<u>2</u>	<u>0</u>	<u>0</u>
<u>Projects Requiring Liquidated Damages</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>
<u>Projects Completed by Bonding Company</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>

ESTIMATED SCHEDULE OF PROJECT

Begin Construction March 2021
Complete Construction June 2022

PRIOR ACTION/REVIEW (COUNCIL, BOARDS, COMMISSIONS)

This item has no prior action.

FISCAL INFORMATION

Fund	FY 2021	FY 2022	Future Years
Water (Drinking Water) - TWDB 2019 Fund	\$ 9,486,526.39	\$0.00	\$0.00
Wastewater (Clean Water) - 2019 TWDB Fund	\$ 1,934,450.61	\$0.00	\$0.00
Total	\$11,420,977.00	\$0.00	\$0.00

<u>Council District</u>	<u>Amount</u>
1	\$ 1,367,227.88
2	\$ 2,197,484.07
3	\$ 2,430,627.34
4	\$ 996,557.21
7	\$ 131,629.00
9	\$ 206,091.00
10	\$ 887,507.00
11	\$ 708,111.00
13	\$ 109,378.23
14	\$ 2,023,497.27
Outside City Limits	\$ 362,867.00
Total	\$11,420,977.00

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 %	M/WBE \$
\$11,420,977.00	Construction	25.00%*	33.45%	\$3,820,515.27
• *This item reflects previous Business Inclusion and Development Policy M/WBE goal.				
• This contract exceeds the M/WBE goal.				
• Ark Contracting Services, LLC - Non-Local; Workforce - 0.00% Local				

PROCUREMENT INFORMATION

The following five bids with quotes were opened on July 10, 2020:

*Denotes successful bidder

Bidders

Bid Amount

*Ark Contracting Services, LLC 420 South Dick Price Road Kennedale, Texas 76060	\$11,420,977.00
Belt Construction of Texas, LLC	\$11,546,498.00
John Burns Construction Company of Texas, Inc.	\$11,665,950.00
Western Municipal Construction of Texas, Inc.	**Withdrew Bid
Atkins Brothers Equipment Company, Inc.	**Withdrew Bid

**Western Municipal Construction of Texas, Inc. and Atkins Brothers Equipment Company, Inc. both withdrew their bids after bids were opened and refused to move forward because of mathematical errors and alleged mistakes within their bid.

OWNER

Ark Contracting Services, LLC

Mark North, Chief Executive Officer

MAPS

Attached