



Legislation Text

File #: 23-2067, **Version:** 1

STRATEGIC PRIORITY: Transportation & Infrastructure

AGENDA DATE: September 27, 2023

COUNCIL DISTRICT(S): 7

DEPARTMENT: Water Utilities Department

EXECUTIVE: Kimberly Bizer Tolbert

SUBJECT

Authorize a construction services contract for the installation of an 84-inch diameter water transmission main under the Trinity River located between I-45 and SH-310 - Southland Contracting, Inc., lowest responsible bidder of two - Not to exceed \$23,877,520.00 - Financing: Water Construction Fund (\$23,877,520.00)

BACKGROUND

Dallas Water Utilities owns and operates an existing 72-inch diameter water transmission pipeline which is a critical part of the water distribution system supplying water to areas of Central and South Dallas. A portion of the existing pipeline failed near the crossing of the Trinity River between I-45 and SH-310, and upon repair and subsequent inspection it was determined that leaving the pipeline in service at the existing depth and alignment would significantly increase the likelihood of another failure due to ongoing river erosion. In response, an expedited design was completed to lower the pipeline at the river crossing to ensure the utility was contained within a rock stratum that would protect the pipeline from any future erosion. The deep installation requires significant excavation and shoring along with new pipeline appurtenances, including air release and isolation valves, to maintain maximum operability. The design was completed in such a way to ensure the existing pipeline could remain in service and connections to the existing system require minimal service interruption.

This action will authorize a construction contract with Southland Contracting, Inc. for the installation of approximately 1,050 feet of 72-inch and 84-inch diameter water mains. The project includes a 350-foot-long tunnel section that crosses under the Trinity River between I-45 and SH-310. The Cedar Crest pipeline is a major water transmission main and component of the Dallas water system, and any unplanned interruption of service is considered critical. The proposed improvements will address the current risk of pipeline failure due to further river erosion and ensure continued, reliable water service.

The following chart illustrates Southland Contracting, Inc. 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	3	0	0
Active Projects	0	1	0	0
Change Orders	0	0	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 January 2024
 Complete Construction January 2025

PRIOR ACTION/REVIEW (COUNCIL, BOARDS, COMMISSIONS)

This item has no prior action.

FISCAL INFORMATION

Fund	FY 2023	FY 2024	Future Years
Water Construction Fund	\$23,877,520.00	\$0.00	\$0.00

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	Procurement Category	M/WBE Goal
<u>\$23,877,520.00</u>	Construction	32.00%
M/WBE Subcontracting %	M/WBE Overall %	M/WBE Overall Participation \$
22.17%	22.17%	\$5,292,929.00
<ul style="list-style-type: none"> • This contract does not meet the M/WBE goal, but complies with good faith efforts. • Southland Contracting Inc - Non-local; Workforce - 28.00% Local 		

PROCUREMENT INFORMATION

The following two bids with quotes were opened on June 16, 2023:

*Denotes successful bidder

Bidders

Bid Amount

*Southland Contracting, Inc. 1100 Kubota Drive Grapevine, Texas 76051	\$23,877,520.00
S.J. Louis Construction of Texas, Inc.	\$26,377,000.00

OWNER

Southland Contracting, Inc.

Jon Dorma, Vice President of Preconstruction Services

MAP

Attached