



Legislation Text

File #: 23-2048, Version: 1

STRATEGIC PRIORITY: Transportation & Infrastructure

AGENDA DATE: September 27, 2023

COUNCIL DISTRICT(S): 8

DEPARTMENT: Water Utilities Department

EXECUTIVE: Kimberly Bizer Tolbert

SUBJECT

Authorize **(1)** an increase in appropriations in an amount not to exceed \$7,988,083.00 in the Wastewater Construction Fund; and **(2)** a construction services contract for major maintenance and rehabilitation improvements at the Southside Wastewater Treatment Plant - Crescent Constructors, Inc., lowest responsible bidder of two - Not to exceed \$31,297,000.00 - Financing: Wastewater Construction Fund (\$29,061,567.00) and Wastewater Capital Improvement F Fund (\$2,235,433.00)

BACKGROUND

The City of Dallas owns and operates two wastewater treatment plants with a combined capacity of 280 million gallons per day. The Southside Wastewater Treatment Plant is located in southeast Dallas and is permitted to treat an average annual flow of 110 million gallons of wastewater per day. This action will authorize a construction services contract with Crescent Constructors Inc. for major maintenance and rehabilitation improvements at the Southside Wastewater Treatment Plant. The primary work includes improvements of the sulfur dioxide liquid fill and purge lines, new duct bank and raceway improvements at the chlorine building, and replacement of multi-rake bar screens and washer compactor, odor control biofilter improvements, and rehab of the gravity belt thickeners at the Screening and Thickening Facility. Other work includes the replacement of equipment, piping and valving, appurtenances, structural concrete work, excavation, electrical and instrumentation control systems, and associated improvements throughout the Southside Wastewater Treatment Plant. The proposed improvements will address aging infrastructure and help reduce electrical costs at the plant by taking advantage of newer, more efficient technology.

In addition to the proposed treatment facility improvements, the scope of work includes the installation and replacement of 2,400 feet of the 60-inch diameter Hickory Creek wastewater interceptor. The wastewater interceptor was built in the early 1980's and portions of the pipe have failed in the last two years due to significant corrosion. Those failures have resulted in costly repairs and impacts to plant operation. The 60-inch diameter main transports a significant amount of wastewater flow from southeast Dallas to the Southside Wastewater Treatment Plant. If not addressed, further structural failure could result in wastewater overflows and eventual flooding of

neighborhoods.

The following chart illustrates Crescent Constructors, Inc.'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	2	0	0
Active Projects	0	0	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 November 2023
 Complete Construction November 2026

PRIOR ACTION/REVIEW (COUNCIL, BOARDS, COMMISSIONS)

This item has no prior action.

FISCAL INFORMATION

Fund	FY 2023	FY 2024	Future Years
Wastewater Construction Fund	\$29,061,567.00	\$0.00	\$0.00
Wastewater Capital Improvement F Fund	\$ 2,235,433.00	\$0.00	\$0.00
Total	\$31,297,000.00	\$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
\$31,297,000.00	Construction	32.00%
M/WBE Subcontracting %	M/WBE Overall %	M/WBE Overall Participation \$
18.23%	18.23%	\$5,706,455.65
<ul style="list-style-type: none"> • This contract does not meet the M/WBE goal, but complies with good faith efforts. • Crescent Constructors, Inc- Non-local; Workforce - 42.95% Local 		

PROCUREMENT INFORMATION

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

*Denotes successful bidder

<u>Bidders</u>	<u>Bid Amount</u>
*Crescent Constructors, Inc. 2560 Technology Drive Suite 400 Plano, Texas 75074	\$31,297,000.00
Archer Western Construction, LLC	\$31,387,026.00

OWNER

Crescent Constructors, Inc.

Michael G. Daigre, President

MAP

Attached