



Legislation Text

File #: 23-1220, Version: 1

STRATEGIC PRIORITY: Transportation & Infrastructure

AGENDA DATE: June 28, 2023

COUNCIL DISTRICT(S): 5

DEPARTMENT: Water Utilities Department

EXECUTIVE: Kimberly Bizer Tolbert

SUBJECT

Authorize **(1)** an increase in appropriations in an amount not to exceed \$3,000,000.00 in the 2022C Water Revenue Bonds TWDB L1001533 Fund; and **(2)** a professional services contract with Garver, LLC to provide engineering services for the Lake June Pump Station and Reservoir Replacement Project - Not to exceed \$3,399,822.00 - Financing: 2022C Water Revenue Bonds TWDB L1001533 Fund (\$3,000,000.00) and Water Capital Improvement F Fund (\$399,822.00)

BACKGROUND

The June 2019 Condition Assessment of Pump Stations, Ground Storage Reservoirs, and Elevated Tanks recommended the replacement of the Lake June Pump Station (PS), ground storage reservoir, and associated transmission piping. The report ranked Lake June PS as the most critical pump station of the Dallas Water Utilities' (DWU) 14 potable water pump stations. Lake June PS has a firm capacity of 360 million gallons per day, was constructed in 1960, and is located at 1031 Algonquin Drive, Dallas TX 75217. It delivers potable water to three separate pressure planes in South Dallas and is the only source for the Cedardale Pressure Plane. The report noted much of the infrastructure is well beyond its useful life with significant structural defects. This project will include an entirely new pump station, new ground storage tanks, and transmission piping to replace the existing infrastructure.

This action will authorize a professional services contract with Garver, LLC for the Lake June Pump Station and Reservoir Replacement project to provide preliminary engineering, final design, bidding, construction phase services, and start-up services for the new Lake June PS, new ground storage tanks, transmission piping improvements, electrical improvements, and miscellaneous system improvements. Engineering services are intended to be executed through this initial professional services agreement followed by supplemental agreements as needed to complete the final design and construction improvements. The scope of services for the initial agreement includes preliminary engineering for the pump station and reservoir replacement.

Future supplemental agreements are anticipated to provide the final design, bidding, and construction services. Garver, LLC will evaluate alternatives for replacement of Lake June PS and reservoir and develop recommendations for improvements considering criticality, benefits, capital cost, and life cycle costs. They will identify temporary and permanent impacts to the system to define benefits, risks, and mitigation strategies. Garver’s approach to design and construction for this project involves separating the improvements into two construction packages. Construction Package A consists of the new ground storage tanks, transmission piping improvements, and demolition of the existing reservoir and ancillary facilities. Construction Package B consists of the new Lake June PS, suction and discharge piping, transmission piping as needed to connect the new Lake June PS into DWU’s distribution system, electrical improvements, system transmission improvements, and demolition of the existing Lake June PS and ancillary facilities.

The consulting firm for this project was selected following a qualifications-based selection process in accordance with City of Dallas Administrative Directive 4-05 procurement guidelines.

ESTIMATED SCHEDULE OF PROJECT

Begin Design June 2023
Complete Design June 2026

PRIOR ACTION/REVIEW (COUNCIL, BOARDS, COMMISSIONS)

This item has no prior action.

FISCAL INFORMATION

Fund	FY 2023	FY 2024	Future Years
2022C Water Revenue Bonds TWDB L1001533 Fund	\$3,000,000.00	\$0.00	\$0.00
Water Capital Improvement F Fund	\$ 399,822.00	\$0.00	\$0.00
Total	\$3,399,822.00	\$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
\$3,399,822.00	Architecture & Engineering	34.00%
M/WBE Subcontracting %	M/WBE Overall %	M/WBE Overall Participation \$
36.01%	36.01%	\$1,224,109.00
• This contract exceeds the M/WBE goal.		
• Garver, LLC- Local; Workforce - 1.23% Local		

OWNER

Garver, LLC

Brock Hoskins, Chief Executive Officer

MAP

Attached