



Legislation Details (With Text)

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On agenda: 9/22/2021 **Final action:**

Title: Authorize Supplemental Agreement No. 2 to the professional services contract with Garver, LLC to provide additional engineering and construction phase services required for major maintenance and rehabilitation improvements at Dallas Water Utilities' raw water system facilities - Not to exceed \$1,894,827.00, from \$6,586,653.00 to \$8,481,480.00 - Financing: Water Capital Improvement G Fund

Sponsors:

Indexes: 200

Code sections:

Attachments: 1. Map, 2. Resolution

Date	Ver.	Action By	Action	Result
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STRATEGIC PRIORITY: Mobility Solutions, Infrastructure, and Sustainability

AGENDA DATE: September 22, 2021

COUNCIL DISTRICT(S): Outside City Limits

DEPARTMENT: Water Utilities Department

EXECUTIVE: Majed Al-Ghafry

SUBJECT

Authorize Supplemental Agreement No. 2 to the professional services contract with Garver, LLC to provide additional engineering and construction phase services required for major maintenance and rehabilitation improvements at Dallas Water Utilities' raw water system facilities - Not to exceed \$1,894,827.00, from \$6,586,653.00 to \$8,481,480.00 - Financing: Water Capital Improvement G Fund

BACKGROUND

The initial phase of this project identified 10 raw water facilities for evaluation based on their age and condition, impact to system, reliability, cost to operate, and frequency of repairs. The facilities included intake structures, screening equipment, pump stations, valves, and pipelines located at the Tawakoni Balancing Reservoir and at intakes along the Elm Fork of the Trinity River and three Dallas Water Utilities (DWU) water supply reservoirs: Lake Ray Hubbard, Lake Tawakoni, and Lake Fork. Services included condition assessment, prioritization of needs, cost analyses of replacement or repair, and development of a business risk exposure value for each element of the water supply system evaluated. An asset management inventory with a risk-based scoring system was developed

to determine the near term and future prioritization and phasing of improvements to the raw water facilities.

Supplemental Agreement No. 1 provided specialized investigations and evaluations identified during the initial phase and detailed engineering designs for critical raw water facility improvements. The critical raw water facilities included Lake Ray Hubbard Intake, Forney Pump Station, and Forney Dam. In addition, detailed field investigations, structural modeling, and operational assessments for Forney Dam and construction phase services associated with secured entry improvements at the East Side Water Treatment Plant were included in the scope of services.

This action will authorize Supplemental Agreement No. 2 to provide bidding and construction phase services for the proposed improvements at the Lake Ray Hubbard Intake, Forney Pump Station, and Forney Dam. The supplemental work will also include the evaluation of risk to the utility before and after implementation of key raw water projects and update DWU's business risk exposure across its raw water facilities. Special services include programming and integration support for planned improvements, and additional raw water facility evaluations and engineering as requested.

A future supplemental agreement may be necessary if additional engineering or construction phase services are needed for the scoped work. The next phase of major construction identified in the raw water implementation plan is anticipated to be designed following a qualifications-based selection process in accordance with City of Dallas procurement guidelines

ESTIMATED SCHEDULE OF PROJECT

Began Services	July 2017
Complete Services	June 2024

PRIOR ACTION/REVIEW (COUNCIL, BOARDS, COMMISSIONS)

On June 14, 2017, City Council authorized an engineering services contract with Garver, LLC to perform an evaluation/study and preliminary design of major maintenance and rehabilitation improvements at Dallas Water Utilities' raw water system facilities by Resolution No. 17-0949.

On January 22, 2020, City Council authorized Supplemental Agreement No. 1 to the professional services contract with Garver, LLC to provide design and additional engineering services required for major maintenance and rehabilitation improvements at Dallas Water Utilities' raw water system facilities by Resolution No. 20-0222.

FISCAL INFORMATION

Fund	FY 2021	FY 2022	Future Years
Water Capital Improvement G Fund	\$1,894,827.00	\$0.00	\$0.00

Evaluation/Study	\$1,637,463.00
Supplemental Agreement No. 1	\$4,949,190.00

Supplemental Agreement No. 2 (this action)	<u>\$1,894,827.00</u>
Project Total	\$8,481,480.00

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	M/WBE %	M/WBE \$
\$1,894,827.00	Architecture & Engineering	25.66%*	26.57%	\$503,540.00
• *This item reflects previous Business Inclusion and Development Policy M/WBE goal.				
• This contract exceeds the M/WBE goal.				
• Supplemental Agreement No. 2 - 25.98% Overall MWBE participation				
• Garver, LLC - Local; Workforce - 1.70% Local				

OWNER**Garver, LLC**

Brock Hoskins, President

MAP

Attached