



Legislation Details (With Text)

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On agenda: 9/27/2023 **Final action:**

Title: Authorize Supplemental Agreement No. 2 to the professional services contract with Alan Plummer and Associates, Inc. dba Plummer Associates, Inc. for additional engineering services related to programming and integration of new equipment associated with major maintenance rehabilitation and improvements at Dallas Water Utilities Water Treatment Plants - Not to exceed \$1,047,782.00, from \$4,558,000.00 to \$5,605,782.00 - Financing: Water Construction Fund

Sponsors:

Indexes: 200, 6

Code sections:

Attachments: 1. Maps, 2. Resolution

Date	Ver.	Action By	Action	Result
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STRATEGIC PRIORITY: Transportation & Infrastructure

AGENDA DATE: September 27, 2023

COUNCIL DISTRICT(S): 6, Outside City Limits

DEPARTMENT: Water Utilities Department

EXECUTIVE: Kimberly Bizer Tolbert

SUBJECT

Authorize Supplemental Agreement No. 2 to the professional services contract with Alan Plummer and Associates, Inc. dba Plummer Associates, Inc. for additional engineering services related to programming and integration of new equipment associated with major maintenance rehabilitation and improvements at Dallas Water Utilities Water Treatment Plants - Not to exceed \$1,047,782.00, from \$4,558,000.00 to \$5,605,782.00 - Financing: Water Construction Fund

BACKGROUND

Dallas Water Utilities (DWU) provides water to approximately 2.5 million customers in the City of Dallas and neighboring communities. DWU operates three potable water treatment plants: Bachman, Elm Fork, and East Side. The combined treatment capacity of these facilities is approximately 900 million gallons per day.

On August 12, 2020, the City Council authorized a professional services contract for the evaluation and design of high priority major maintenance improvements at each water treatment plant. As

these treatment facilities and the associated equipment age, regulatory requirements and operational conditions change, and technology improves, treatment facilities and equipment need to be rehabilitated or upgraded to ensure reliable and quality water service to our customers.

On September 22, 2021, the City Council authorized Supplemental Agreement No. 1 to the professional services contract for the design of additional critical items identified during the evaluation process. These included additional electrical and instrumentation equipment upgrades and replacements, modifications to chemical facilities, and expansion to the process laboratory. It also provided services for construction administration of prioritized items grouped in the construction package that was awarded on September 14, 2022.

This action will authorize Supplemental Agreement No. 2 to the professional services contract with Alan Plummer and Associates, Inc. dba Plummer Associates, Inc. to perform application programming services and bid assistance related to the advertisement of the East Side Laboratory Improvements. The contractor working on the major maintenance improvements at the water plants is providing new programmable equipment and will begin installation of this equipment in Fall 2023. Programming and integration of the programmable logic controllers and human machine interface equipment installed by the contractor will be done by the engineer to connect the new equipment to the existing software at the plants. Approval of this supplemental agreement will ensure that the programming and integration can occur when the equipment is installed to avoid any delays incorporating the new equipment into plant processes.

Completion of these improvements are required to provide operational flexibility, enhance plant performance, decrease maintenance requirements, and ensure DWU continues to meet regulatory standards and operates safely to protect plant staff, customers, and surrounding neighborhoods.

ESTIMATED SCHEDULE OF PROJECT

Began Services September 2020
Complete Services March 2024

PRIOR ACTION/REVIEW (COUNCIL, BOARDS, COMMISSIONS)

On August 12, 2020, the City Council authorized a professional services contract with Alan Plummer and Associates, Inc. dba Plummer Associates to provide engineering services for major maintenance rehabilitation and improvements at Dallas Water Utilities Water Treatment Plants by Resolution No. 20-1160.

On September 22, 2021, the City Council authorized Supplemental Agreement No. 1 to the professional services contract with Alan Plummer and Associates, Inc. dba Plummer Associates to provide additional engineering and construction phase services for major maintenance rehabilitation and improvements at Dallas Water Utilities Water Treatment Plants by Resolution No. 21-1587.

FISCAL INFORMATION

Fund	FY 2023	FY 2024	Future Years
Water Construction Fund	\$1,047,782.00	\$0.00	\$0.00

Design \$ 3,500,000.00

Supplemental Agreement No. 1	\$ 1,058,000.00
Supplemental Agreement No. 2 (this action)	<u>\$ 1,047,782.00</u>
Project Total	\$ 5,605,782.00

<u>Council District</u>	<u>Amount</u>
6	\$ 351,787.00
Outside City Limits	<u>\$ 695,995.00</u>
Total	\$1,047,782.00

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
\$1,047,782.00	Architecture & Engineering	34.00%
M/WBE Subcontracting %	M/WBE Overall %	M/WBE Overall Participation \$
86.14%	86.14%	\$902,596.00
• This contract exceeds the M/WBE goal.		
• Supplemental Agreement No 2 - 59.44% Overall participation		
• Alan Plummer and Associates, Inc dba Plummer Associates, Inc. - Local; Workforce - 36.00% Local		

OWNER

Alan Plummer and Associates, Inc. dba Plummer Associates, Inc.

Chris Young, President, Chief Executive Officer

MAP

Attached