



Legislation Details (With Text)

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On agenda: 8/10/2022 **Final action:**

Title: Authorize Supplemental Agreement No. 2 to the professional services contract with CDM Smith Inc. for construction phase services associated with the rehabilitation of the Jim Miller Pump Station - Not to exceed \$1,784,410.00, from \$5,043,724.00 to \$6,828,134.00 - Financing: Water Capital Improvement G Fund (\$1,600,000.00) and Water Construction Fund (\$184,410.00)

Sponsors:

Indexes: 7

Code sections:

Attachments: 1. Map, 2. Resolution

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

AGENDA DATE: August 10, 2022

COUNCIL DISTRICT(S): 7

DEPARTMENT: Water Utilities Department

EXECUTIVE: Kimberly Bizer Tolbert

SUBJECT

Authorize Supplemental Agreement No. 2 to the professional services contract with CDM Smith Inc. for construction phase services associated with the rehabilitation of the Jim Miller Pump Station - Not to exceed \$1,784,410.00, from \$5,043,724.00 to \$6,828,134.00 - Financing: Water Capital Improvement G Fund (\$1,600,000.00) and Water Construction Fund (\$184,410.00)

BACKGROUND

The Jim Miller Pump Station located at 5200 Jim Miller Road in Dallas, Texas is one of the largest and most critical pumping facilities in the Dallas Water Utilities potable water distribution system. The 20-million gallon reservoir receives and stores water from the East Side Water Treatment Plant and supplies water to central, east, and north Dallas, as well as Pleasant Grove. The pump station was constructed in 1964, the reservoir was added in 1978, and a major expansion of the pump station was constructed in 1985. Much of the equipment in the station dates back to the original construction and is inefficient and expensive to operate and maintain. Operation of the pump station can cause surge issues at the station and in the water distribution system. Unmitigated surge can damage

equipment and rupture pipelines potentially leading to a disruption in water service and damage to private property.

On February 14, 2018, City Council authorized a professional services contract with CDM Smith, Inc. for a comprehensive evaluation of the pump station and reservoir structures, pumps, motors, valves, pipes, electrical gear, instrumentation, and HVAC equipment. The evaluation results and recommendations were compiled into a preliminary design report for the rehabilitation of the pump station. On September 23, 2020, City Council authorized Supplemental Agreement No. 1 for the detailed design of pump station improvements including bid phase services. The design was completed, and a construction contract was awarded to Eagle Contracting, LLC on June 22, 2022.

This action will authorize Supplemental Agreement No. 2 to the professional services contract with CDM Smith, Inc. for construction phase services. Services include responding to contractor requests for information, reviewing material submittals, performing engineering inspections, and reviewing contractor change requests associated with the construction improvements at the Jim Miller Pump Station. The improvements will bring the pump station up to current building codes and design standards, with a focus on mitigating surge, increasing efficiency, improving site security, and extending the service life of the pump station and reservoir.

ESTIMATED SCHEDULE OF PROJECT

Begin Services August 2022
Complete Services December 2025

PRIOR ACTION/REVIEW (COUNCIL, BOARDS, COMMISSIONS)

On February 14, 2018, City Council authorized a professional services contract with CDM Smith, Inc. for a comprehensive assessment and preliminary design report for the rehabilitation of the Jim Miller Pump Station by Resolution No. 18-0293.

On September 23, 2020, City Council authorized Supplemental Agreement No. 1 to the professional services contract with CDM Smith Inc. to provide additional engineering services for the rehabilitation of the Jim Miller Pump Station by Resolution No. 20-1474.

FISCAL INFORMATION

Fund	FY 2022	FY 2023	Future Years
Water Capital Improvement G Fund	\$1,600,000.00	\$0.00	\$0.00
Water Construction Fund	\$ 184,410.00	\$0.00	\$0.00
Total	\$1,784,410.00	\$0.00	\$0.00

Evaluation/Study	\$1,975,000.00
Supplemental Agreement No. 1	\$3,068,724.00
Supplemental Agreement No. 2 (this action)	<u>\$1,784,410.00</u>
Project Total	\$6,828,134.00

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 \$
\$1,784,410.00	Architecture & Engineering	25.66%*	31.86%	\$568,500.00
• *This item reflects previous Business Inclusion and Development Policy M/WBE goal.				
• This contract exceeds the M/WBE goal.				
• Supplemental Agreement No 2 - 32.97% Overall Participation				
• CDM Smith, Inc. - Local; Workforce - 23.66% Local				

OWNER

CDM Smith, Inc.

Anthony B. Bouchard, President

MAP

Attached