



Legislation Text

File #: 21-487, **Version:** 1

STRATEGIC PRIORITY: Mobility Solutions, Infrastructure, and Sustainability

AGENDA DATE: May 12, 2021

COUNCIL DISTRICT(S): 11

DEPARTMENT: Water Utilities Department

EXECUTIVE: Majed Al-Ghafry

SUBJECT

Authorize Supplemental Agreement No. 5 to the professional services contract with Nathan D. Maier Consulting Engineers, Inc. to provide additional construction phase services for the Walcrest Pump Station - Not to exceed \$319,108.00, from \$4,551,363.56, to \$4,870,471.56 - Financing: Water Capital Improvement D Fund

BACKGROUND

The Walcrest Pump Station and reservoir located at the northeast corner of Hillcrest Road and Walnut Hill Lane was placed in service in 1954 and has reached the end of its useful life. The original scope of services awarded to Nathan D. Maier Consulting Engineers, Inc. (NDM, Inc.) included the design of a new pump station and the evaluation of the existing reservoir. Results of the reservoir's evaluation determined that it did not meet regulatory requirements and it would be most economical to replace the reservoir. Supplemental Agreement No. 1 was awarded for the preliminary design of a new reservoir and Supplemental Agreement No. 2 was awarded for the final design and engineering services to meet regulatory and zoning requirements. Supplemental Agreement No. 3 was awarded for the final landscaping design and additional paving and drainage improvements that incorporated feedback from neighborhood and homeowner association groups. Supplemental Agreement No. 4 was awarded to provide additional construction phase services to ensure that improvements to the pump station and reservoir were properly implemented and operate in the manner intended by the design.

This action will authorize Supplemental Agreement No. 5 to provide additional construction phase services for start-up and operations assistance to bring the new pump station and reservoir on-line, including piping and pumping betterments to improve efficiency and operation. NDM, Inc. will continue to provide support, assisting Water Facilities Project Management and Pumping Operations with knowledge and expertise during the critical and final facility start-up and equipment monitoring phases. NDM, Inc. will also provide oversight and guidance for the upcoming landscaping and site improvements contract that was recently awarded and is the last phase of work at the Walcrest site.

Authorizing the additional services will limit non-conforming work, schedule delays, and impacts to the water delivery system.

ESTIMATED SCHEDULE OF PROJECT

Began Services May 2021
Complete Services May 2022

PRIOR ACTION/REVIEW (COUNCIL, BOARDS, COMMISSIONS)

On March 25, 2009, City Council authorized a professional services contract with Nathan D. Maier Consulting Engineers, Inc. to provide engineering services for design improvements to the Walcrest Pump Station by Resolution No. 09-0842.

On June 13, 2012, City Council authorized Supplemental Agreement No. 1 to the professional services contract with Nathan D. Maier Consulting Engineers, Inc. to provide additional engineering services for design improvements to the Walcrest Pump Station by Resolution No. 12-1559.

On January 28, 2015, City Council authorized Supplemental Agreement No. 2 to the engineering services contract with Nathan D. Maier Consulting Engineers, Inc. for additional engineering design services related to improvements to the Walcrest Pump Station and reservoir by Resolution No. 15-0193.

On February 28, 2018, City Council authorized Supplemental Agreement No. 3 to the professional services contract with Nathan D. Maier Consulting Engineers, Inc. to provide additional engineering and construction phase services for the Walcrest Pump Station project by Resolution No. 18-0380.

On June 26, 2019, City Council authorized Supplemental Agreement No. 4 to the professional services contract with Nathan D. Maier Consulting Engineers, Inc. to provide additional construction phase services for the Walcrest Pump Station by Resolution No. 19-1039.

FISCAL INFORMATION

Fund	FY 2021	FY 2022	Future Years
Water Capital Improvement D Fund	\$319,108.00	\$0.00	\$0.00

Design	\$2,051,750.00
Supplemental Agreement No. 1	\$ 379,081.28
Supplemental Agreement No. 2	\$1,234,116.08
Supplemental Agreement No. 3	\$ 620,283.20
Supplemental Agreement No. 4	\$ 266,133.00
Supplemental Agreement No. 5 (this action)	\$ 319,108.00
 Total Project Cost	 \$4,870,471.56

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 \$
\$319,108.00	Architecture & Engineering	34.00%	100.00%	\$319,108.00
• This contract exceeds the M/WBE goal.				
• Supplemental Agreement No. 5 - 92.60% Overall M/WBE participation				
• Nathan D. Maier Consulting Engineers, Inc. - Local; Workforce - 65.00% Local				

OWNER

Nathan D. Maier Consulting Engineers, Inc.

Jean Maier Dean, P.E., President/Chief Executive Officer

MAP

Attached