



MEMORANDUM

DATE: August 14, 2023

TO: Honorable Mayor and City Councilmembers
Dave Perrault, City Administrator

FROM: David Swearingen, P.E. Public Works Director / City Engineer

SUBJECT: Lift Station 5 Forcemain Rehabilitation Project – Professional Services Agreement with Bolton & Menk, Inc.

Budgeted Amount:	Actual Amount:	Funding Source:
\$435,000 (Forcemain)	TBD	Sanitary Sewer Utility Fund
\$115,000 (Pumps and Valves)		

Council Should Consider

Motions to approve, table, or deny the following:

- Professional Service Agreement with Bolton & Menk, Inc. in the amount not-to-exceed of \$121,084 for the Lift Station 5 Forcemain Rehabilitation Project.

Background

The Public Works Department maintains a program to refurbish and update sanitary sewer lift stations on a cycle for reliability, technology and risk management. Public Works tracks data and conducts testing and inspections to each of the 14 total wastewater lift stations around the City to assist in determining future maintenance and rehabilitation needs.

Lift Station 5 has indicated a need to replace the existing forcemain, pumps and check valves. This project is proposed for 2024 construction within the City’s Capital Improvement Plan (CIP).

The existing forcemain is 3250-feet in length, is made of cast iron pipe (CIP) and was installed in 1960. The route of the existing forcemain is within an easement that is located within residential properties, it extends under residential streets and borders the neighboring City of New Brighton. Replacement of the existing forcemain will be by directional drilling new 10-inch PVC, 2400-ft

along the walking trail from County Rd E to Stowe Ave. A map of the existing and proposed forcemain layout is provided in Attachment A.

Public Works staff have tested the existing pumps and check valves and determined they are near the end of useful life and recommends replacing them with this project.

Discussion

Bolton & Menk, Inc. has provided staff with a proposal for professional services to administer the project through design and plan production, along with construction administration in the amount not-to-exceed of \$121,084. City staff worked with Bolton & Menk to determine the required scope of work and reviewed the proposed labor associated with the project. City staff recommends approving the PSA with Bolton & Menk.

Budget Impact

The proposed project is budgeted for a total cost of \$550,000 which includes engineering and construction administration services. Those costs will be covered by the sanitary sewer utility fund.

The City is in the process to pursue external funding through the next MN bonding bill. It is also within the scope of work to apply for the Clean Water Revolving Fund (CWRF) through the MN Public Facilities Authority (PFA).

Attachments

Attachment A: Map of proposed project layout
Attachment B: Professional Services Agreement