

City Council Item

March 13, 2023



Item	Resolution 2023-XX: Approve a Professional Services Agreement for Design Services Related to Lift Station #3 Forcemain Replacement Project	
File No.	ENG 23-08	Item No: E.6
Agenda Section	<u>CONSENT AGENDA</u>	
Prepared By	Charlie Howley, Director of Public Works/City Engineer	
Reviewed By	Laurie Hokkanen	

<u>SUGGESTED ACTION</u>	
"The Chanhassen City Council adopts a resolution authorizing entering into a contract with HTPo for professional services related to the Lift Station #3 Forcemain Replacement Project."	
Motion Type	Simple Majority Vote of members present
Strategic Priority	Asset Management

SUMMARY

City Lift Station #3 was constructed in 1971. A location map and scope concept are attached to this report. The lift station components (pumps, control panel, piping, etc.) have been replaced since the original construction; however, the forcemain is still the original 8-inch CIP which has reached its recommended service life.

This lift station is our third largest based on pumping flow rate, which serves the entire west side of Lake Minnewashta. Even though we've had very few issues with this forcemain, this is an extremely critical piece of infrastructure that requires proactive asset management.

The scope will be to either pipe burst the existing forcemain, or to install a parallel pipe via directional drilling. This will be determined during the design process. The forcemain connects directly into an MCES 24-inch RCP gravity interceptor located in West 62nd Street, which then flows north into Shorewood. We've been in contact with MCES and they support the project and are looking to upgrade

some of their infrastructure as part of this project.

BACKGROUND

N/A

DISCUSSION

N/A

BUDGET

This project is identified in the 5-year CIP as Project #SS-028. The project budget was set at \$130,000 last year when updating the CIP, however, this amount was established before learning that MCES would like to add a new manhole and meter vault as part of the project. They will fund these additions via a forthcoming agreement, however, the contemplated design contract scope includes design for these added services and therefore exceeds what was initially planned for in the CIP.

With the additional MCES scope and funding, earmarked as \$400,000, the design contract amount of \$42,000 is well within the revised overall project budget of \$530,000.

RECOMMENDATION

Staff recommends authorizing the design contract.

ATTACHMENTS

[Resolution](#)

[Professional Services Agreement-HTPO](#)

[CIP#SS-028](#)

[Lift Station #3 Forcemain Project Map](#)