



DATE: July 25, 2022
TO: Honorable Mayor and City Councilmembers
David Perrault, City Administrator
FROM: David Swearingen, P.E. Public Works Director / City Engineer
SUBJECT: Lift Station Rehabilitation – Lift Station 14

Budgeted Amount:	Actual Amount:	Funding Sources:
\$90,000	\$116,200	Sanitary Sewer Fund

Council Should Consider

Motions to approve, table, or deny the following:

- Quote for replacement of the control panel and pump at Lift Station 14 in the amount of \$116,200 from Electric Pump.

All items need a simple majority for action unless otherwise noted.

Background/Discussion

The City has maintained a program to refurbish and update sanitary sewer lift stations on a 10-year cycle for reliability, technology and risk management. The proposed improvements continue this program for the 14 sanitary lift stations within the City's wastewater collection system. The City's Capital Improvement Program identifies rehabilitation work for Lift Station No. 14 located off Hamline Avenue near the Public Works facility. The proposed improvement includes replacing the control panel and one of the pumps. Lift Station 14 is the final lift station that needs a control panel upgrade and Public Works will restart the 10-year cycle of the program.

Below is the list of proposed rehabilitation projects for lift stations from the 2022-2026 CIP:

- Lift Station 14 - Pump and panel (2022) \$90,000
- Lift Station 5 - Forcemain (2023) \$300,000
- Lift Station 8 - Pumps, base and electronics (2027) \$90,000
- Lift Station 2 - Pumps, base and electronics (2028) \$75,000
- Lift Station 5 - Pumps, base and electronics (2029) \$77,000
- Lift Station 7 - Pumps, base and electronics (2030) \$80,000

Budget Impact

This project will be covered by the sanitary sewer fund, the total project cost is \$116,200 which includes an estimated \$2,200 in freight costs as shown in Attachment A, which is above the budgeted amount of \$90,000. Prices for materials have increased significantly since the project was originally budgeted. Staff recommends approval of the quote from Electric Pump to replace the control panel in the amount of \$116,200.

Only one quote was obtained for this work. The City utilizes Electric Pump for all of its lift stations for consistency in materials and parts. This makes repair time more efficient if there is ever a failure. Timeliness of repairs is necessary for lift stations as it could cause a lot of damage to connected properties if the system backs up.

Attachments

Attachment A: Quote for Replacement of Control Panel and Pump