

City of Bel Aire, Kansas

STAFF REPORT

DATE: 08/31/2024

TO: City Council

FROM: Marty McGee

RE: 37th and Harding lift station Grinder pump



BACKGROUND: Harding lift station has two Flowserve pumps that pump sewer to CCUA treatment plant. Both pumps are the original Flowserve pump. We have repaired this pump multiple times over the course of their lifetime. They are currently in need of additional repairs or replacement. Staff is recommending replacing one Flowserve pump with a new Flygt grinder pump. The Flygt Grinder Pumps are currently what the City have recently installed when replacing the Flowserve pumps at each of our lift station.

DISCUSSION: We have received bids for both the repair and replacement of one Flowserve pump at 37th and Harding lift station. The repair cost is included in bid package below. Staff would ask council to consider the purchase of a new grinder pump which will be like the current Flygt grinder pump in Rock Road lift station. The difference between Rock Road lift station and Harding lift station are the pump sizes. Rock Road has a 60-amp motor compared to a 90-amp motor needed for the Harding lift station, this allows for the sewer to flow a longer distance. Freight will add an additional \$1,000.00. After September 5th Flygt pumps will increase their pricing 5%

Pump Options	Bid amount	Lead Times
Flowserve repair/rebuild	\$71,291.00	24 Weeks
Flygt Grinder Pump (New)	\$69,500.00 (Installation included)	12-14 Weeks
After September 5 th New Pump	\$74,782.00 price increase	12-14 Weeks

FINANCIAL CONSIDERATIONS: Funding for this project will be taken from the lift station operations line item of the Sewer Utility funds.

POLICY DECISION: Staff is adhering to City policy; JCI is our Flygt pump representative.

RECOMMENDATION: Staff recommends the City Council accept the proposal from JCI to replace the existing Flowserve pump with a new Flygt grinder pump.