



Staff Report

TO: City Council
FROM: Thaxton Van Belle, General Manager of Utilities
DATE: August 16, 2022
SUBJECT: Capital Improvement Project: Lift Station Spare Pump Program Purchase

Background and Analysis:

The City of Beaumont sewer collection system is made up of 200 miles of pipeline and a complex system of pump lift stations (Attachment A). The City currently owns and operates nine different lift stations, with three additional lift stations scheduled to be constructed and/or turned over by the end of the year. No two lift stations are alike, with each having differing inflows, pumping rates, lengths of discharge, elevation changes to overcome, and more. Currently, the City does not stock any replacement pumps for the differing lift stations.

On June 6, 2022, City Council approved a Capital Improvement Plan (CIP) that included the purchase of lift station spare pumps. This will allow the City to have some pumps on hand as spares, which will reduce the likelihood of lengthy rental charges and loss of services. As part of the implementation, staff took into consideration, pump ages, availability, costs, and common use across multiple lift stations to recommend the following spare pump candidates:

- Fairbanks 30 HP Dry Sump \$29,929.72
- Flygt 35 HP Submersible \$41,890.00
- Flygt 105 HP Submersible \$90,736.30
- Flygt 160 HP Submersible \$117,291.80

The procurement process is considered sole source as the lift station pump fitment, including guide rails, pipe interface connections, and telemetry modules are unique to the manufacturers listed. The Beaumont Municipal Code states in §3.01.070-D that if “the product or service is proprietary in nature and can be obtained only from a limited number of contractors, and that no equivalent products or services are available, the notice inviting bids may be sent exclusively to such contractor.”

Fiscal Impact:

The quoted cost of pumps recommended for purchase is \$277,695.10. Staff is requesting the approval of an amount not to exceed \$293,900 to anticipate the tax and freight charges. This purchase will be funded from the Lift Station Spare Pump Program (CIP ISFWW-01), approved by City Council June 6, 2022. The estimated cost to prepare this report is \$550.

Recommended Action:

Approve and authorize the purchase of the recommended pumps from Flo-Systems and Xylem with tax and freight in an amount not to exceed \$293,900.

Attachments:

- A. Lift Station Map
- B. Quote - Fairbanks 30 HP
- C. Quote - Flygt 35 HP Submersible
- D. Quote - Flygt 105 HP Submersible
- E. Quote – Flygt 160 HP Submersible