



Staff Report

November 17, 2025 Council Workshop Meeting

Construction Award Main Pump Station Improvements

Presenter: Rob Charles, Utilities Manager

Time Estimate: 5 minutes

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BACKGROUND: Main Street Sewer Pump Station is the largest pump station in the city and collects sewage from over 80% of the city. The facility is over 20 years old and requires upgrades to maintain reliable operation and ensure staff safety.

Wallis Engineering, part of the City's on-call sewer services roster, was contracted to design the project and develop the construction documents for bidding; their contract was approved by Council on August 5, 2024, for \$125,892.73.

The planned construction project includes:

- Replacement of electrical equipment, control panels, and variable frequency drives for the pumps.
- Installation of a flow meter to measure lift station outflows.
- Replacement of the generator's Automatic Transfer Switch (ATS).
- Upgrades to HVAC systems for improved safety.
- Safety improvements to hatch access and other station components.

SUMMARY: The City advertised the project for bids on September 18, 2025, and bids were opened on October 14, 2025. Three bids were received, with Tapani, Inc. submitting the lowest responsible bid of \$898,122, below the engineer's estimate of \$975,000.



Figure 1: Control Panel



Fig 2: Variable Frequency Drive Panel



Fig 3: Electrical Panel



Fig 4: Substandard Hatch for Pump Access



Fig.5: Front of Pump Station



Fig 6: Site Location

BENEFITS TO THE COMMUNITY: This project ensures reliable sewer service for over 80% of the City, improves staff safety, and maintains critical infrastructure to protect public health and the environment.

STRATEGIC PLAN: This project aligns with the strategic plan's priority "Stewardship of City Assets" by maintaining critical utility infrastructure, ensuring reliable sewer service for the community, and improving operational safety for staff.

BUDGET IMPACT: The estimated cost of the project is \$1,057,711 and will be funded from the sewer pump station R&R fund.

Budget:

Sewer Pump Station R&R (Water/Sewer Fund) \$2,000,000

Estimated Construction Expenses:

Construction	\$ 898,122
Construction Contingency (10%)	\$ 89,812
*Telemetry Updates	\$ 69,777
**Total Estimated Construction Cost	\$1,057,711

** Telemetry (remote monitoring system) work will be completed under a separate contract with the City's existing vendor to ensure compatibility with current systems. Costs noted is an estimate and will be brought forward for Council approval once finalized.*

*** Design support during construction is not included in this total; sufficient budget remains in the original Wallis Engineering design contract to cover these services.*

RECOMMENDATION: Staff would recommend that this item be placed on the December 1st, 2025, Council Regular Consent Agenda for their consideration.