



CITY OF MARSHALL AGENDA ITEM REPORT

Presenter:	Scott Truedson
Meeting Date:	Tuesday, February 13, 2024
Category:	NEW BUSINESS
Type:	ACTION
Subject:	Project WW-005: Highway 23 Lift Station Improvements Project – 1) Phase III Pump Selection; 2) Consider Authorization to Advertise for Bids for Wastewater Highway 23 Lift Phase IV Wet Well Renovation
Background Information:	<p><u>Phase III Pump Selection:</u> At the May 9, 2023 meeting the City Council rejected the single bid for the Highway 23 Lift Station Improvement Project and adapted a four-phase plan for the improvements. Phase I consisted of installing new VFD drives and a new transfer switch.</p> <p>At the July 11, 2023, meeting the City Council approved that the wastewater department purchase two Flygt pumps for Phase II of the Highway 23 Lift Station Improvements Project. Phases I & II were completed in 2023.</p> <p>Phase III of the project is to purchase the remaining two pumps for the lift station. We have received an updated quote from our local Flygt pump supplier, Electric Pump, for 2024. Because we are in their territory, they are our only source for Flygt pumps. The cost of the pumps has been held to the same price as the pumps that we purchased in 2023.</p> <p><u>Phase IV Authorization to Advertise:</u> At the May 9, 2023 meeting the City Council rejected the single bid for the Highway 23 Lift Station Improvement Project and adapted a four-phase plan for the improvements.</p> <p>Phase I consisted of installing new VFD drives and a new transfer switch. This was completed in 2023.</p> <p>Phase II consisted of purchasing two Flygt pumps for the lift station. This was completed in 2023.</p> <p>Phase III consisted of purchasing the remaining two Flygt pumps for the lift station. This will be considered at the February 13, 2024 Council meeting.</p> <p>Phase IV consists of:</p> <ul style="list-style-type: none"> • Removal of the four existing submersible pumps, wet well piping and guide rails. • Renovation of wet well structure with concrete repairs as needed, and new coating system. • Installation of the four new pumps supplied by the City. • Installation of new piping in the wet well structure. • Bypassing pumping of the lift station while renovations work is being completed.

	<p>The proposed schedule for bidding, award, and project completion is as follows:</p> <ul style="list-style-type: none"> - Council Authorize to Advertise February 13, 2024 - Advertise for Bids February 20, 2024 - City Accepts Bids March 13, 2024 - Council Consideration of Award March 27, 2024 - Construction Substantially Complete October 31, 2024 - Contract Completion November 30, 2024
<p>Fiscal Impact:</p>	<p><u>Phase III Pump Selection:</u> The Wastewater Department CIP includes funds to cover the \$100,994.00 cost for the two pumps.</p> <p><u>Phase IV Authorization to Advertise:</u> The project construction estimate is \$275,000 which is included in the wastewater 2024 CIP.</p>
<p>Alternative/ Variations:</p>	<p>No alternative actions recommended.</p>
<p>Recommendations:</p>	<p>Recommendation No. 1 that the Council authorizes the purchase of the two Flygt pumps for \$100,994.00.</p> <p>Recommendation No. 2 that the Council authorize to advertise for bids for Phase IV of the Highway 23 Lift Station Wet Well Renovation Project.</p>