



MEMO

Engineering Department

To: Board of Public Works
From: John Neumeier, Director of Public Works/City Engineer
Date: 4/8/2026
Re: Authorization to seek bids for Project #14-26: CE Lift Station Control Panel Replacement

Background information:

The Engineering Department is proposing to bid out a project to make an important upgrade to our CE Lift Station that helps provide sanitary sewer service to the south east portion of the City. Lift Station service area map is included on the next page. Area is approximately 745 acres. The station and existing panel were installed in 1997 with upgrades to various panel components in 2012.

The city sewer crew has evaluated the panel and station with consultants/contractors to attempt to correct the issues with the Programmable Logic Controller (PLC) and Human-Machine interface (HMI / interface screen) systems. Based on the concerns regarding how the original cabinet is currently configured, we are not confident that a new PLC and HMI alone will solve all the current issues, including the PLC not powering up under generator power, and PLC not automatically resetting when the power interrupts. For these reasons, we are recommending installing a completely new panel.

Strategic Plan:

Upgrades are necessary to ensure and maintain the health and safety of the public.

Budget: \$50,000 was budgeted for the Capital Improvement Project for 2026. Funds are taken from the 602- Sanitary Sewer Utility fund. Additional funds are recommended to be used from the Red Hills tipping fees - "City Fund".

Staff Recommended Action:

Authorize the Engineering Department to seek bids for Project #14-26: CE Lift Station Control Panel Replacement.



CE Lift Station Approximate Service Area – 745 Acres

