



## Staff Report

November 20, 2023 Council Regular Meeting

STEP Tank Control Panel Upgrade Construction Award

Presenter: Rob Charles, Utilities Manager

Time Estimate: 5 minutes

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|--------------|-------------------------|
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**BACKGROUND:** The City of Camas owns the Septic Tank Effluent Pump (STEP) control panels which control when the pumps operate to pump effluent from holding tanks into the city's force mains. Around 2014 period, the city switched to a panel supplier which utilized an ultrasonic sensor instead of floats to measure liquid levels in the tank for activating pumps. Due to moisture issues in the ultrasonic sensors from storm events, they have been slowly failing. The city tried replacing over 200 sensors but they started failing again due to moisture from storm events. Due to failure of the sensors and the manufacturer's inability to come up with a solution, the city determined it would be beneficial to return to the float systems for activating pumps in tanks. The current panels are not compatible with a float system so new panels and float systems were purchased by the city in anticipation of a replacement project. There are 217 of these systems that need to be replaced.

**SUMMARY:** The City received 7 bids on the project;

Elite Electrical Contracting - **\$215,680.33**

Prestige Electric - **\$221,286.94**

City Electric - \$270,197.55

Lindberg Electrical – \$347,281.40

MJ Electrical - \$394,888.19

Accurate Electric -\$450,513.70

NE Electric - \$428,358.00

Engineer's Estimate - \$424,831.75.

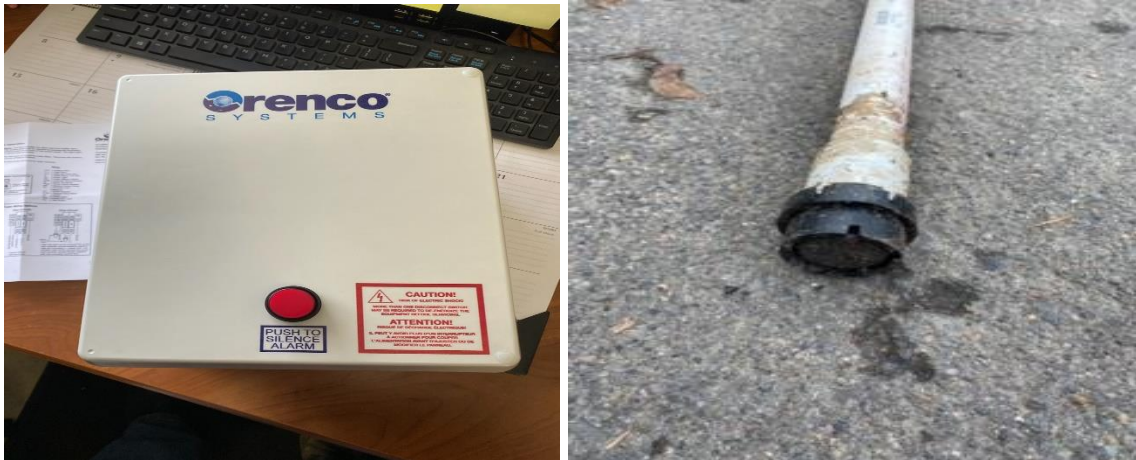
The low bidder, Elite Electrical, is not being recommended to be awarded the project based on a review of the submittals due at the time of bid opening which showed their Bid Bond was not signed and was incomplete.

The Council can either accept this recommendation from the city attorney to reject Elite Electrical's bid as a conforming bid and award to the next responsible low bidder, Prestige Electric at \$221,286.94.

The Council can also waive the Bid Bond issue as a minor irregularity and award the bid to Elite Electrical.

The Council can lastly reject all bids and require the city to go out for bids on the project again.

Refer to the City Attorney's memo for specific guidance on Council's choices.



**Figures 1 and 2: New replacement Orenco Panel and failing ultrasonic sensor.**



**Figure 3: New Replaement Floats in STEP Tank**

**BENEFITS TO THE COMMUNITY:** Smooth operation of STEP Tank pumping for the homeowner, and less call outs for city staff due to failures of the sensors in the existing tanks.

**BUDGET IMPACT:** There is sufficient budget in the Sewer O& M fund to cover the cost of this project.

**RECOMMENDATION:** Staff recommends Council authorize the Mayor to sign the STEP Tank Control Panel Upgrade Project with Prestige Electric in the amount of \$221,286.94.