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**MEMORANDUM**

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June 8, 2021

**TO:** Honorable Mayor and City Commission

**VIA:** James Slaton, City Manager

**FROM:** Sarah B. Kirkland, Utilities Director

**SUBJECT:** Lift station #1 Diesel Pump Purchase

**SYNOPSIS:** Staff is recommending the commission approve the expenditure of funds in the amount of \$54,579.00 for the purchase of a diesel pump to be installed at lift station 1 (LS#1).

**STAFF RECOMMENDATION**

Staff recommends the City Commission consider taking the following action:

1. Approve the expenditure of funds for \$54,579.00 for the purchase of a diesel utilizing State Contract #FSA20-EQU18.0.

**BACKGROUND**

The city of Lake Wales proposes to install a bypass pump at a critical need lift station located at 166 1/2 Twin Lakes Boulevard (LS#1). The city of Lake Wales have already received a quote from a sole-source vendor (Thompson Pump) utilizing State Contract # FSA20-EQU18.0. During significant hurricane, power is oftentimes lost to utility assets in the affected region. For example, a storm as large as Hurricane Irma, even areas that were not directly impacted from the eyewall of the storm lost power due to sustained winds throughout the state. In Polk County during Irma, over 80% of the county lost power for sustained amounts of time. Power was not restored to the entire county for over a week after the Hurricane struck. Since Hurricane Irma impacted the entire state from the Keys through the panhandle, power restoration crews were stretched thin and unable to restore service to the lift station for a significant amount of time. Lake Wales was among the utilities that did not recover power quickly and had the majority of its lift stations go down as a result. All the water treatment plants have generators onsite. Therefore, they continued to supply water to the community, which in turn led to the community filling the lift stations with waste. The City of Lake Wales has 39 lift stations, but only ten have permanently mounted generators. The city of Lake Wales has a small number of portable generators, but since the storm was so widespread, staff had to maneuver those generators between all of the lift stations that do not have a stand-by generator. The purpose of this project is to provide permanent protection for the lift station during future storm or hazard events. As previously stated, this particular lift station is deemed critical infrastructure due to the source of its inflow and it cannot afford to go offline. Since loss of the lift station would result in an overflow and contamination of the surrounding area and groundwater, continued operation of the lift station is critical to the community.

Staff is recommending the City Commission authorize the expenditure of funds in the amount of \$54,579 for the purchase of a diesel pump to be installed at LS#1.

**OTHER OPTION**

The risks to the environment and community would remain in the event of a storm or hazard event.

**FISCAL IMPACT**

\$150,000 is budgeted in the Wastewater Division's FY '20-'21 Capital Improvements Plan Budget for this purpose. Funding source for this activity is the utilities operating revenue.

***ATTACHMENT***

Quote #OSC-TG-177rev2