



Memorandum

Meeting Details: February 8, 2023

Prepared For: Mayor & Board of Commissioners

From: Megan Wepfer, Public Works Director

Subject: Stormwater Station Generator Replacement located at 14101 N Bayshore Dr.

Background

The City of Madeira Beach has one stormwater station located at 14101 N Bayshore Dr. In 2007 the city approved improvements to the station which included two (2) new Flyght pumps, new control panel including alarms and flashing lights, and a new diesel generator. The purpose of this stormwater station is to pump the water off the roadway relieving roadway flooding. The current diesel generator is 16 years old and has major rust from sitting directly on the water.

After discussions with vendors and the city mechanic staff has decided to convert the new generator to natural gas. Staff has coordinated with TECO Gas to run a new gas line from Gulf Blvd to the station approximately 550 feet. The cost to run the new gas line is \$19,388.00. Tampa Armature Works (TAW) is on the Sourcewell Cooperative Purchasing for Kohler generators and installation. The generator will be a 100KW, 3 Phase, 480 Volt Natural Gas with a hurricane impact enclosure rated at 186 wind load for a cost of \$64,830.86.

Without realizing TAW participated in the Sourcewell bidding, I requested quotes from Zabatt Power Systems and Cat Ring power. Zabatt Power Systems quote included the generator and installation for \$86,770.74, and ring power doesn't supply natural gas generators for 100KW at this time.

Fiscal Impact

The total cost for the generator and the installation is \$64,830.86. Staff has budgeted \$125,000 in the stormwater capital equipment budget for FY23.

Recommendation(s)

Staff recommends approval for TAW quote #20154 for the amount of \$64,830.86 which includes a 100KW generator and installation for the stormwater station located at 14101 N Bayshore.

Attachments

- TAW Quote #20154
- Zabatt quote #S099435
- RingPower Response to quote