

## Agenda Memorandum

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**To:** Honorable Mayor and City Council Members  
**From:** Bryan Cobb, City Manager  
**Date:** February 1, 2021  
**Subject:** **Resolution No. 4031-21**, Purchase of Generator for Lift Station No. 28

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**Procedure:** Consent Agenda

**Introduction:** This is a request for City Council to approve a Work Order with Tradewinds Power Corp. in the amount of \$66,104 for the purchase of a new generator to provide backup power generation to Lift Station No. 28.

**Discussion:** Lift Station No. 28, located at 1395 Ellis Fallon Loop is one of seventy (70) lift stations maintained by the City's Public Works Department. Under the City's FDEP permit, lift stations are required to have adequate back-up power for temporary power outages and for emergency situations such as hurricane recovery. During power outages, staff relies on the use of by-pass pumps and emergency generators to keep lift stations operational for the health, safety and welfare of the community. During these times, staff manually rotates four (4) mobile generators and/or by-pass pumps, city-wide from lift station to lift station in order to keep the system operational. Since all generators cannot operate all lift stations, it takes efficient planning and organization during these stressful periods to ensure everything remains operational. Lift Station No. 28 services the Preserve at Lake Charm and the Retreat at Lake Charm. These areas north of Panther Street experience excessive power outages due to the above ground electric lines. Providing stationary uninterrupted power to Lift Station No. 28 will ensure a more efficient and cost-effective method to prevent sewer overflows and potential health hazards.

Tradewinds Power Corp. (Tradewinds) was selected by the Florida Sheriffs Association (FSA) under Bid FSA20-VEH18.0. The City has utilized this Bid in the past for the purchase of generators as well as vehicles, trucks, tractors, tires and other heavy-duty equipment. The FSA Cooperative Purchasing Program Contract Terms and Conditions are provided in Attachment 1. The Specifications for the Tradewinds Model T125 Generator are provided in Attachment 2. A copy of the Tradewinds' work order and quote is provided in Exhibit 1 of Resolution No. 4031-21.

**Budget Impact:** There are sufficient funds included in the FY2020/21 Adopted Budget in the Water/Wastewater Renewal and Replacement Fund 406 to purchase this generator.

**Strategic Impact:** Continue to strengthen City environmental protection measures and programs, while ensuring that the infrastructure meets the capacity needs of the City by maintaining the sewer collection system.

**Recommendation:** It is recommended that City Council adopt Resolution No. 4031-21.

Honorable Mayor and City Council Members

February 1, 2021

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Attachment(s):       1. FSA Cooperative Purchasing Program Contract Terms and Conditions  
                              2. Tradewinds Model T125 Specification

Prepared by:           Susan Sheikh, Operational Resources Manager