



CITY COMMISSION STAFF REPORT

DEPARTMENT: Utilities

DATE: January 28, 2025

SUBJECT: Motion to approve the purchase of two (2) new diesel generators to replace two (2) older model Onan model generators utilized by the City's wastewater collections section since 1994 for service to wastewater lift stations.

CITY MANAGER RECOMMENDATION:

The City Manager recommends approving a purchase of two AKSA model 100kW portable (trailer-mounted mobile) generators for service to the City's 83 wastewater lift stations from Zabatt Power Systems in Jacksonville, FL. These mobile generators are utilized to back up the power supply to stations when storms are impacting the primary power supply to the stations. These generators also supply auxiliary power in the event of power loss during treatment processes or to support city events as needed from time to time.

BACKGROUND OF ITEM:

The City's treatment plants and lift stations operate on main-line power from FPL most of the time. However, during hurricane season or when infrequent storms come through Broward County several incidents may lead to a loss of power, which requires an auxiliary power supply to ensure continued reliable service, primarily to wastewater lift stations, but also to treatment processes or other operations such as office buildings, assisted living facilities, etc. The City of Cooper City has nine (9) portable generators available and maintained for use to cover up to 83 wastewater lift stations for these purposes, and must sustain these operations to ensure it can meet the demands of the community it serves.

ANALYSIS:

The Broward County Sheriff's Cooperative Contract includes seven (7) different vendors who offer portable generators on the market for purchase. City staff contacted all seven vendors and only two provided responses and quotations to the City's request for two 100kW portable generators. Tradewinds Power Corp of Miami, FL provided a quote for \$124,663.00 for each generator or a total cost of \$249,326.00. Zabatt Power Systems of Jacksonville, FL provided a second quote for \$84,471.41 per generator, or \$168,942.82, and thus provided the best cost for purchasing the two generators needed. The new generators will replace two (2) existing generators that were originally purchased in 1994 and are worn out and badly corroded.

Due to the AKSA model generators being immediately available at the offered pricing, it is recommended to purchase these to avoid delays in manufacturing and delivery, which can be lengthy if the City decides not to purchase these and places a separate contract out for bid.

FISCAL IMPACT:

The Utilities Department planned and included adequate funding in the Fiscal Year 2025 budget for this expense, and has other AKSA model generators that have worked reliably and served the City well over the last several years.

<u>General Ledger Acct. Number</u>	<u>Budgeted Amount</u>	<u>Requested Amount</u>	<u>Remaining Amount</u>
450-930-564700-535 Wastewater Transmission Equipment & Machinery - Equipment	\$390,000.00	\$168,942.82	\$221,057.18

ALTERNATIVES:

The alternatives to utilizing this vendor for these generators would be to utilize one of the other vendors from the Sheriff’s Contract or place a new contract for these purchases out for bid. The other vendors in the Sheriff’s contract were contacted and only one vendor (Tradewinds) responded, but their pricing was \$80,383.18 more for similar generators. If the City elects to consider alternative providers of these products and services it could involve significant costs and delays to acquire them.

ATTACHMENTS:

1. Florida Sheriff’s Association Contract Award
2. Zabatt Power Systems of Jacksonville – AKSA Model Generators Quotation
3. Tradewinds Power Corp of Miami – Perkins Model Generators Quotation
4. Vendor Compliance Checklist