

Staff Report

Subject: Purchase Order for Generator Installation – EMS 1

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Department: Procurement, Facility Maintenance, and EMS

Meeting Date: 08/05/2025

Item Description: Consideration to approve issuance of a Purchase Order to Diesel Power Solutions LLC for the installation of a propane generator system and comprehensive electrical safety upgrades at EMS Site 1.

Summary Recommendation: Staff recommends issuing a Purchase Order to Diesel Power Solutions LLC in the amount of \$101,573.30 for the turnkey installation of a 90kW emergency generator, 600A automatic transfer switch, and full electrical system rework at EMS Site 1.

Executive Summary/Background:

Effingham County is installing a backup power system at EMS Site 1 to ensure uninterrupted emergency response operations during power outages. This includes a full generator installation and modernization of the building's electrical infrastructure to bring it into compliance with current safety standards.

Two quotes were evaluated:

Vendor	Generator Size	ATS Size	Total Price	Notable Scope Items
Diesel Power Solutions	90kW Winco	600A ASCO	\$101,573.30	Propane tank + fill, new meter, conduit, full system cleanup, testing, commissioning
Emergency Power Systems	80kW	400A	\$69,639.48	Limited install, does not include fuel system or major electrical upgrades

While Emergency Power Systems submitted a lower quote, their proposal did not include key components such as the propane tank and gas line installation, electrical service rework, or a full utility coordination and testing package. The Diesel Power Solutions quote includes:

- Full installation of a 90kW propane generator with concrete pad and fuel system
- 600A ASCO automatic transfer switch with all necessary trenching and terminations
- Removal and replacement of non-compliant panels, wiring, and outdated components
- Coordination with Georgia Power and permitting agencies
- Full system testing, commissioning, and documentation

Given the critical nature of EMS operations and the need for safe, reliable, code-compliant infrastructure, staff supports proceeding with the vendor that offers the most comprehensive and future-ready solution.

Alternatives for Commission to Consider:

1. Approve the Purchase Order to Diesel Power Solutions LLC in the amount of **\$101,573.30.**
2. Do not approve and provide alternate direction.

Recommended Alternative: 1

Other Alternatives: 2

Department Review: Procurement, Facility Maintenance, Finance

Funding Source: FY2026 Capital Budget - Amendment needed

Attachments: Purchase Order, Emergency Power Systems Quotes