



**Pantropic Power, Inc.**  
**ONE SOURCE – ONE CALL – ONE SOLUTION™**  
 www.pantropic.com

**Rolando Coll – EPG Sales**  
 8205 N.W. 58<sup>th</sup> Street • Miami, FL 33166  
 P: 305-592-4944 • F: 305-477-1943

Date: 02-02-24

Reference: Walenda Booster Station WBS#4 (C27, 800kW) rev.1

Quote#: 31293806-02

Bid Award: Florida Sheriff's Association Contract quote.

Contract: FSA23-EQU21.0, Equipment	
Group: GENERATOR: 500kW Stationary	
Item: 173, Caterpillar, C15, C15	\$197,756
Upgrade: Caterpillar C27, 800kW	\$ 27,590 (no tank, exhaust, enclosure)
Accessories: Fidelity Manufacturing	\$148,275
Cost Plus 15%	\$ 22,241
Accessories: ASCO	\$ 11,604
Cost Plus 15%	\$1,740
Perform Load bank Test	\$ 2,250

**QUOTE GRAND TOTAL \$411,456.00**

Specification Name	Specification Section	Pages
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Drawings	Date
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#### General Scope of Supply

Qty	I/L	Description	Cost
1	L	<p>One (1) New Caterpillar Model C-27 <b>Diesel</b> Engine Generator set, UL 2200 Listed, rated @ 800kW Standby Power, 277/480VAC, 3 Phase, 60 Hz., 1800 rpm <b>Diesel</b> Engine Generator Set with the following accessories:</p> <ul style="list-style-type: none"> <li>EPA Stationary Emergency</li> <li>Electronic Governor</li> <li>Air Inlet system               <ul style="list-style-type: none"> <li>Air intake filter / silencer</li> </ul> </li> <li>Auto-start Control Panel EMCP 4.2B– NFPA 110               <ul style="list-style-type: none"> <li>Speed adjust</li> <li>Emergency stop push button</li> <li>Voltage adjust</li> <li>Local alarm annunciator</li> </ul> </li> </ul>	<b>\$411,456.00</b>

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**West Palm Beach**  
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 West Palm Beach, FL 33417  
 561.640.0818 tel  
 561.640.7894 fax

		<ul style="list-style-type: none"> <li>– Panel illumination lights</li> <li>• Permanent Magnet Excited Generator System <ul style="list-style-type: none"> <li>– Anti-condensation heater (space heater) thermostatically controlled</li> <li>– Class H insulation</li> <li>– Two – thirds pitch</li> <li>– Random wound</li> <li>– Generator terminal bus-bars (generator load cable terminations shall be made directly to bus-bars located on the inside of the generator housing).</li> <li>– One (1) 1200 Amps, 3 pole, Thermal Magnetic Circuit Breaker with 24VDC shunt trip and auxiliary contacts.</li> </ul> </li> <li>• Starting System <ul style="list-style-type: none"> <li>– Two (2) heavy duty lead acid engine starting batteries</li> <li>– Battery cables</li> <li>– Battery disconnect switch</li> <li>– Battery Charger; 24VDC, 10 Amp output. 120 VAC, 1 Phase Input, Nema 1 enclosure, wall mountable</li> <li>– 45amp battery charging alternator</li> <li>– Jacket Water Heater</li> </ul> </li> <li>• Engine Cooling system <ul style="list-style-type: none"> <li>– Radiator duct flange</li> <li>– Coolant drain line with manual valve terminated at edge of base</li> <li>– Fan and belt guards</li> <li>– Coolant level sight gauge</li> <li>– Caterpillar Extended life coolant</li> </ul> </li> <li>• Fuel system <ul style="list-style-type: none"> <li>- Primary fuel filter with integral water separator</li> <li>- Secondary fuel filters</li> <li>- Fuel priming pump</li> <li>- Engine fuel transfer pump</li> <li>- Flexible fuel lines</li> <li>- Engine fuel transfer pump</li> <li>- Fuel cooler</li> </ul> </li> <li>• Exhaust System <ul style="list-style-type: none"> <li>– Dry exhaust manifold</li> <li>– Flanged faced outlets</li> </ul> </li> <li>• Lube <ul style="list-style-type: none"> <li>- Lubricating oil and filter</li> <li>- Oil drain line with valve</li> <li>- Fumes disposal</li> <li>- Gear type lube oil pump</li> </ul> </li> </ul>	
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		<ul style="list-style-type: none"> <li>• Mounting <ul style="list-style-type: none"> <li>- Linear vibration isolators between base and engine-generator</li> <li>- Formed Steel Base</li> </ul> </li> </ul>	
1	L	<p><u>Generator Set Subbase Tank</u></p> <ul style="list-style-type: none"> <li>• One (1) 4,800 gallons, 4,130 useable gallons, UL listed 142, Double Wall Steel, FDEP approved subbase diesel fuel tank</li> <li>• Capacity based on 72 hours @ 57.3gph (100% Load) <b><u>4,130 Useable Gallons</u></b></li> <li>• 10ga Mild Steel Primary Tank, 7ga Mild Steel Secondary Tank</li> <li>• Mechanical Fuel Level Gauge (Kruger Model H EQ#730)</li> <li>• Supply and Return Connections</li> <li>• 2" Fill with Lockable Cap, FDEP Spill Containment and Overfill Prevention Limiter (Morrison 9095AA-0200AV EQ#851)</li> <li>• Normal and Emergency Vent Fittings Installed Per UL-142</li> <li>• Interstitial Space with FDEP Approved Leak Detection Switch (Madison M-7000 EQ#682) Wired to Generator Control Panel (final termination to terminal strip to be done by installing technician)</li> <li>• Low Level Fuel Alarm Switch (Madison M-7000 EQ#682) Set @ 30% Remaining Capacity Wired to Generator Control Panel (final termination to terminal strip to be done by installing technician)</li> <li>• High Level Fuel Alarm Switch (Madison M-7000 EQ#682) Set @ 90% Tank Capacity Wired to Generator Control Panel (final termination to terminal strip to be done by installing technician)</li> <li>• Cable Stub Up Opening Under Circuit Breaker</li> <li>• Generator Mounting Beams</li> <li>• 2 Lifting Points per Side (4 Total) for Lifting Generator Set, Enclosure and Tank (Empty)</li> <li>• Tank Primed with Two Part Epoxy Zinc Based Primer and Two-Part Polyester/Polyurethane Topcoat -Gloss Black.</li> <li>• Tank sealed and shipped under vacuum per Florida Administrative Code Chapter 62-762 and NFPA30</li> <li>• Tank Vacuum to be Verified and Documented per NFPA-30 Immediately upon receipt and placement at the job site.</li> </ul>	Included
1	L	<p><u>Generator Set Enclosure</u></p> <p>Sound Attenuated Weather Protective Aluminum Enclosure – Non-HVHZ Rated – 170 mph wind load rated – 30dBA Sound Reduction @ 7 meters.</p> <ul style="list-style-type: none"> <li>• Enclosure Exterior to be of .080", 3003-H14 Aluminum, Formed, Panel Construction, Pre-Painted Finish (Standard Color White)</li> <li>• Air Intake: Sound Attenuated Intake Hood with Sound Baffles and Bird Screen. Insulated with 3" Sound Attenuating Fire Blanket Retained with .050" Perforated Aluminum.</li> </ul>	Included

		<ul style="list-style-type: none"> <li>• Air Discharge: Sound Attenuated Discharge Hood with Gravity Dampers and Bird Screen. Insulated with 3" Sound Attenuating Fire Blanket Retained with .032" Mill Finished Aluminum.</li> <li>• 3" Sound Attenuating Fire Blanket in the Walls and Ceilings. Insulation Retained with .050" Perforated Aluminum. Enclosure is Designed to Reduce Source SPL by 30 dB (A) @ 7M in a Free-Field Environment.</li> <li>• (4) 36" Single, Access Doors with Padlocking Provisions and Corrosion Resistant Hardware.</li> <li>• Silencer Supports for Interior Mounted, Internally Insulated, Critical Grade Silencer.</li> <li>• Exhaust Discharge Elbow and Rain Cap.</li> <li>• Exhaust Flex Connector, Exhaust Gaskets and Bolt Kits.</li> <li>• Rain Collar and Rain Shield at Exhaust Penetration in Roof.</li> <li>• Extend Oil and Coolant Drains to Exterior of Enclosure.</li> <li>• Extend Crank Case Disposal to Radiator Discharge (if applicable)</li> <li>• Cambered Roof Design to aid in Water Shedding.</li> <li>• Enclosure Suitable for 170 MPH Wind Loading</li> <li>• Enclosure to Bear the Insignia of the Florida Department of Business and Professional Regulation to Document Compliance with the 2020 Florida Building Code.</li> </ul>	
1	L	<ul style="list-style-type: none"> <li>• <u>OSHA Compliant Stairs and Walkways</u></li> <li>• Two (2) Set of OSHA Compliant Stairs with Railings and 120" Long x 42" Wide Walkway with Railings</li> <li>• Railings to be Constructed of 1 ½" Aluminum Tube.</li> <li>• Steps and Walkways Constructed of Extruded Aluminum</li> <li>• Leveling Pads</li> </ul>	Included
1	L	<ul style="list-style-type: none"> <li>• <u>Automatic Transfer Switch</u></li> </ul> <p>One (1) 1200 amps, 3 pole, 3 phase, 277/480VAC, NEMA 1 Enclosure, Non-Bypass Isolation, Non-Service Entrance Rated, Delayed Transition Automatic Transfer Switch</p>	Included
1	L	<ul style="list-style-type: none"> <li>• <u>Additional items</u></li> <li>– One (1) Nema 3R remote break-glass station (shipped loose)</li> <li>– Spring type vibration isolators (to be placed between generator and tank)</li> <li>– Two (2) O&amp;M Manuals</li> <li>– Factory load bank testing of the unit at 0.8pf report</li> <li>– Two (2) Year Caterpillar Factory Warranty</li> </ul>	Included
1	L	<ul style="list-style-type: none"> <li>• <u>Start –up and Training</u></li> <li>– Start-Up of generator set by a factory trained technician (two (2) days of labor included during normal business hours of 8:00am to 5:00pm)</li> </ul>	Included

		<ul style="list-style-type: none"> <li>– Resistive load – bank test on-site after start-up of unit is completed four (4) hour test at 100% load using utilizing a resistive load bank. (during normal business hours of 8:00am to 5:00pm)</li> <li>– One (1) day of instructional training on the generator set and transfer switch (during normal business hours of 8:00am to 5:00pm)</li> </ul>	
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**F.O.B. Miami (freight prepaid to jobsite).....\$411,456.00 (sales tax not included)**

**Exceptions / Notes:**

1. Specifications and one-line electrical riser diagram were not available at the time of this quotation.
2. Remote annunciator panel is not included in this quotation.
3. Turnkey installation is not included in this quotation and is to be supplied by others.
4. Initial fuel fill is not included in this quotation. Diesel fuel is to be provided by Charlotte County.
5. Pantropic Power, Inc. will deliver the generator set package and accessories to the jobsite. The installing contractor will be responsible for offloading, rigging, and anchoring of the generator set package.
6. Programming or integrating of existing PLC is not included in this quotation.
7. Quotation providing items listed only.

**Important:** Quote does not include the following (unless otherwise specifically noted above in the General Scope of Supply):

- Fuel, Fuel Piping, Fuel Venting
- Fuel Equipment Installation
- Exhaust Equipment Installation
- Exhaust Pipe & Insulation
- Electrical Equip. Installation
- Cables, Wires and Conduits
- All Equipment Installation
- Engineering & Design
- Engineering Drawings
- Installation Permitting & Fees
- Foundation Concrete Pad
- Equipment Unloading
- Equipment Storing
- Equipment Rental
- Equipment Anchoring

TERMS: 90% payment due 30 days from date of invoice; Balance payment due prior to start up or 180 days after invoice, whichever occurs. **Sales tax has not been included in this quotation.** CONDITIONS: Terms of this sale are subject to credit approval @ Pantropic Power. Cancellations will not be accepted except on terms that will indemnify Pantropic Power against any loss. Cancellation charges will apply to orders cancelled after Pantropic's receipt of written release for production from Customer. Prices are valid for 30 days from quote date. The conditions of this quotation become a part of any order resulting hereforth and any purchase order submitted in response to this quotation, modifying, altering, or adding to these conditions shall not be binding unless accepted by us in writing. There are no agreements, understandings, or stipulations relative to this quotation other than those expressed herein. Quotation is subject to Standard Pantropic Power Products, Inc. Standard Terms & Condition on reverse side.

Thank you for allowing us the opportunity to propose the above-described equipment.

PANTROPIC POWER, INC.

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