

MID FLORIDA DIESEL



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May 5, 2022

Proposal
For
80KW Trailer Mounted Generator
Florida Sheriff Association Bid FSA20.0-EQU18.0 Item #116

City of Hallandale Beach
Department of Public Works
400 South Federal Highway
Hallandale Beach, FL 33009

ATTN: Yamil Lobo

Mid Florida Diesel submits the following proposal for the project: **Trailer Mounted 80 KW DIESEL GENERATOR**

Blue Star MODEL: (Qty - 1) – JD80-03FT4MP Trailer

(Quote #: 05052022-JA)

GENERATOR: 80kW, 100kVA
VOLTAGE: 4-Position Voltage Selector Switch
208,240,480 Volts Three-Phase & 120/240 Single Phase
ENGINE: John Deere 4045HFG04, Tier 4 Diesel Engine, 60 Hz, 1800 RPM

Standard Features Included:

Microprocessor based, digital readout control system.
Engine vitals monitored by LCD display: Oil pressure, Running time, Engine temperature, Safety shutdowns (HWT, OC, OS, OP, LWL), Battery voltage, Generator AC voltage, AC amperage, Frequency.
Additional Features: Oil drain extension, Battery with rack & cable, Battery Charger, Critical muffler, Vibration isolation pads, Water heater, Fuel solenoid valve

Selected Model Features Included:

130degree rise
Isochronous Governor + / - .25%
UL2200 Approved
EPA Tier 4 Certified

CONTROL PANEL: Blue Star DGC-2020 Microprocessor Based Gen-Set Controller

Mounted Facing Left from Generator End (Unless Specified Otherwise)
Standard Features: Low Oil Pressure, High Coolant Temp, Overspeed, Overcrank Shutdowns
Emergency Stop Pushbutton, Audible Alarm Buzzer with Silencing Switch
Optional Features Include: Generator Protection (Undervoltage, Overvoltage, Underfrequency, Overfrequency, Overcurrent), 15 Contact Outputs, RS-485 Communications, Control Panel Battery Disconn

Accessories:

4-Position Voltage Selector Switch

Critical Low Fuel
Voltage Adjust Control
ATS hook-up Box

ENCLOSURE Level 3 (Sound Attenuated Enclosure) Powder Coated 14 Gauge Steel

Rugged and Durable 200 MPH Wind Rated Enclosure with Exhaust Hood
Pitched Roof for Increased Structural Integrity and Improved Watershed
Punched Intake with Baffle and Punched Exhaust Openings
Keyed Alike Lockable Doors with Draw Down Latches and Stainless Steel Component Hinges
Additional 1.5" Thick Polydamp Type D Acoustical Foam (PAF)
Formed Steel Base with Mounting and Lifting Holes
Includes Vibration Mounts to Isolate Unit from Base Rail

Accessories:

Coolant Drain Extension: Plumbed to Bulkhead Fitting in Base
200 mph Wind Load Rated
Color: White

COOLING SYSTEM:

Unit Mounted Radiator

Accessories:

Low Coolant Level Shutdown

CIRCUIT BREAKER: 350 Amp 3 Pole 240 Volt Breaker Mounted & Wired to Cam-Lok Receptacle Package

24VDC Shunt Trip Wired to Engine Shutdowns

Accessories:

BATTERY:

Lead Acid Battery, with rack

BLOCK HEATER: 1500W 120VAC

-20F w/ Isolation valves

Included Accessories:

Mounted and Wired to Terminal Strip

VIBRATION ISOLATION:

Vibration Pads Isolator

BATTERY CHARGER:

12 volt, 6 amps

Accessories:

Mount Battery Charger and Wire DC (1)

MUFFLER:

Critical Grade Muffler Mounted inside enclosure

Included Accessories:

TRAILER: T12000-2 Tandem

Tandem DEXTER-type 12,000 lbs. axle
Hydraulic brakes with breakaway
2 5/16" Ball Hitch x 30" safety chains with 3/8" hooks
Adjustable Rear Stabilizers (2 ea.)
Integral double wall fuel tank up to **250 gallon.**
DOT wiring enclosed in 1/2" steel conduit
Direct reading manual fuel gauge
7-Pin RV Style trailer plug
Fuel fill and vent
225/75R15 load range E trailer rated tires on
White spoke wheels
Fuel pick-up and return ports
Mechanical fuel gauge
Low level fuel alarm
Mounting rails- genset specific

Primed and painted semi-gloss black

Torsion Axles

Included Accessories:

MISCELLANEOUS:

Oil and Coolant Drain lines extended outside of enclosure with valves

One 50amp, 120/240vac, 1 ph, twist lock receptacle

One 30amp, 120/240vac, 1 ph, RV type receptacle

Two 20amp, 120/240vac, 1 ph, duplex receptacle

Two 20amp, 120/240vac, 1ph, duplex GFI receptacle

Each receptacle shall be protected by a individual circuit breaker

Power receptacles for jacket water heater and battery charger

2 thumb screw type connection points provided for remote auto start

Voltage Adjustment Rheostat on controller

Battery Disconnect Switch for Controller

Cam-Lock Connections for Gen Power

Camloc Connection points

Paint – White

Testing - Standard Commercial Test

1 each Service Manuals

Two (2) Year / 2000 Hour Limited Warranty

Test Acceptance Run by Factory Trained Representative

NOTES:

1. This proposal is our interpretation of your requirement and includes only the items listed. Should there be other requirements or specifications, we will re-quote accordingly.

2. Units are shipped wet to include lube oil and a 50/50 water and anti-freeze mix unless otherwise noted in this quotation.

3. Factory will confirm deliver at the time of order.

4. CANCELLATION: Shall be subject to applicable fees but no less than 20% of the purchase price

5. EXCLUSIONS: Installation of any kind, Offloading of Generator, Placement of Generator on Pad, Fuel, Tank, Piping, and Insulation.

6. Freight/Factory Start-up included in the price.

7. Terms: Net -30

Proposal Summary:

FSA Standard Blue Star VD150-02FT4MP Trailer Item #116:	\$98,450.00
FSA Credit Option-Downgrade to an 80KW (Order Code: JD80-03FT4MP Trailer):	-\$5,870.00
Sub-Total Price:	\$92,580.00

*ADDER: Item #116 Level III Aluminum Enclosure (Order Code- Trl LV III AI-40 thru 125):	\$1,400.00
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Total Price: \$93,980.00
(Tax Not Included)

Quoted prices do not include Federal, State or Local taxes which may be applicable. Quoted prices include normal testing, packaging and instructional literature. Special testing, packaging, additional instructional literature, parts, provisioning lists or prints are not included, and prices will be quoted separately.

Quotation Firm for 30 Day(s)

Delivery Notes: 36-40 Weeks (Contingent on component availability)

BY: Joe Antonini

Joe Antonini

Mid Florida Diesel, Inc.