

MID FLORIDA DIESEL



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October 13, 2017

Proposal

For

60KW Trailer Mounted Generator

Florida Sheriff Association FSA 17-VEH15.0 Specification #72

City of Venice

ATTN: Tim Merritt

Mid Florida Diesel submits the following proposal for the project: Trailer Mounted 60 KW DIESEL GENERATOR

Blue Star MODEL: (Qty - 1) – JD60-02 Trailer

(Quote # 10132017-JA)

GENERATOR: 60kW, 75 kVA

VOLTAGE: 2-Position Selector Switch (240v & 480 volt 3 phase)

ENGINE: John Deere 4045TF280, TPEM (FLEX) 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 III Certified

CONTROL PANEL:

DGC-2020 Control Panel (Expanded)

The expanded t Digital Genset Controller (DGC-2020) utilizes microprocessor based technology to provide a versatile system for genset control, protection, monitoring and event logging. The DGC-2020 expanded model with standard LCD heater includes touch screen password protected programming capabilities and a standard USB communications port for re-programming and simple loading of software upgrades. This version is equipped with generator metering, engine monitoring, genset control, engine protection, generator protection (27, 59, 81O, 81U), BESTCOMSPPlus PC software, automatic transfer switch control, suitable for use on rental gensets with Hi/Lo line sensing or Single or three phase sensing override, SAE J1939 Engine ECU communications, multilingual capability, remote communications to the KRDP-110 Remote Annunciator, 16 programmable contact inputs, 15 contact outputs (3- 30Adc and 12 programmable 2 Adc), UL recognized, CSA certified, CE approved, HALT (Highly Accelerated Life Tests) tested, IP 54 Front Panel rating with integrated gasket, NFPA110 Level Compatible.

Accessories:

Battery Disconnect Switch for Controller

Voltage Adjust Control

ATS hook-up Box

ENCLOSURE Weather Proof Enclosure-- Level II

Weather Proof Enclosure- Made with 14 Gauge Metal with louvered rear opening for air intake and punched side air openings for air intake and silencer is mounted inside enclosure with exhaust exiting through front sound compartment. Pitched roof for increased structural integrity and improved watershed. Lockable handles keyed alike with hinged doors

Accessories:

150 mph Wind Load Rated
Load Distribution Center for Single Point Accessory Wiring

COOLING SYSTEM:

Unit Mounted Radiator

Accessories:

Low Coolant Level Shutdown

CIRCUIT BREAKER:

200 Amp 3 Pole 240 Volt Breaker Mounted & Wired in a NEMA 1 Enclosure

Accessories:

Shunt Trip (Breaker to have Shunt Trip when Power door is open)

BATTERY:

Lead Acid Battery, with rack

BLOCK HEATER:

-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: T7000-2**

Tandem DEXTER-type 7000 lbs. axle
Electric brakes with breakaway
2" 5/16 Ball Hitch / 2 5/16" x 30" safety chains with 3/8" hooks
Adjustable Rear Stabilizers (2 ea.)
Integral double wall fuel tank up to **130 gallon.**
DOT wiring enclosed in 1/2" steel conduit
Direct reading manual fuel gauge
7-Pin RV Style trailer plug
Fuel fill and vent
205/75R15 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

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 an individual circuit breaker
Power receptacles for jacket water heater and battery charger
Power Conductor Box w/ all receptacles, breakers, and power blocks and a "Limit Switch" that will shunt the breaker and shut down the generator
Paint - White
Testing - Standard Commercial Test
Manual One (1) Instruction Manual
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 Spec #072 Standard Blue Star Mobile (150KW) VD150-02 FT4Bid:	\$81,200.00*
Deduct Option-Downgrade to a 60KW Spec #72-(Order Code: JD60-02 Trailer):	<u>-\$42,300.00</u>
Sub Total Price:	\$38,900.00

*ADDER: Level III Enclosure Specification #072(Order Code- Trl-LV-III-JD30-JD60):	\$1,200.00
*ADDER: Aluminum Enclosure Specification #72 (Order Code- Trl LV II Alum-JD30 thru VD125):	\$850.00
*ADDER: Permanent Magnet Specification #72 (Order Code-Trl-PMG):	\$965.00
*ADDER: Inside Lighting Enclosure Specification #72 (2 Ea.) (Order Code-Lighting - Inside):	\$865.00
*ADDER: Outside Lighting Enclosure Specification #72 (2 Ea.) (Order Code-Lighting - Outside):	<u>\$865.00</u>
Sub Total Price:	\$4,745.00

Sub-Total Price: \$43,645.00

Discount: In Lieu of Hydraulic Brakes and install Electric Brakes (per customer request):	<u>-\$722.00</u>
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Total Price: \$42,923.00

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: 12-14 Weeks

BY: Joe Antonini

Joe Antonini
Mid Florida Diesel, Inc.