



Toquerville City PD 3053 State Contract

Quotation # 138753A

August 11, 2021



GENERAC | **INDUSTRIAL
POWER**

\$ 25,733.⁰⁰

Energy Management Corporation is pleased to present the following quote for the emergency standby power generation system to meet your project needs. See attached cut sheets

Lower Pump House

Natural Gas Generator SG40kW/50ALT with Soft Starts on the Motor.

| Description |
|---|
| <p>Quantity One- Generac Industrial gaseous engine-driven generator, 4.5L in-line 4 cylinder engine, consisting of the following features and accessories:</p> <ul style="list-style-type: none"> • Stationary Emergency-Standby rated 75Amps at 3,500 feet • 50 kW rating, wired for 277/480 VAC three phase, 60 Hz @ 3,500 feet. • Temperature rise is 104 degrees and will derate 1.65% for every 10 degrees above 104 degrees • Permanent Magnet Excitation • MLCB, 80% rated thermal-magnetic <ul style="list-style-type: none"> ○ 90 Amp • Standard Weather Protective Enclosure, Steel (120.8 x W 40.5" x 69") <ul style="list-style-type: none"> ○ Industrial Grey Baked-On Powder Coat Finish • EPA Certified • cETLus • Power Zone Pro Digital Control Panel for Single Generators <ul style="list-style-type: none"> ○ Meets NFPA 99 and 110 requirements ○ Temp Range -40 to 70 degrees C ○ Humidity 2 – 95% (Non Condensing) ○ UL6200 ○ C-ETL-US ○ CE ○ FCC ○ IEC801 (Radiated Emissions, Susceptibility, and Surge Immunity) ○ 4.3" Resistive Color Touchscreen <ul style="list-style-type: none"> ▪ Built-in Wi-Fi, Bluetooth, and Webserver (via Power Zone Connectivity Server) ▪ IP65 (front) ▪ Auto/Manual/Off key switch, Alarm Indication, Not in Auto Indication, audible alarm, emergency stop switch ○ Dual Core Digital Microprocessor <ul style="list-style-type: none"> ▪ RS485, Ethernet and CANbus ports ○ All engine sensors are 4-20ma for minimal interference <ul style="list-style-type: none"> ▪ Sensors: Oil Pressure, optional Oil Temp, Coolant Temp and Level, Fuel Level/Pressure (where applicable), Engine Speed, DC Battery Voltage, Run-time Hours, Generator Voltages, Amps, Frequency, Power, Power Factor ▪ Alarm Status: Low or High AC Voltage, Low or High Battery Voltage, Low or High Frequency, Pre-low or Low Oil Pressure, Pre-high or High Oil Temp (optional), Low Water Level and Temp, Pre-high or High Engine Temp, High, Low, and Critical-low Fuel Level/Pressure (where applicable), Overcrank, Over and Under Speed, Unit Not in Automatic |

- Programmable I/O
- Built-in PLC for special applications
- Engine function monitoring and control:
 - Full range standby operation; programmable auto crank, Emergency Stop, Auto-Off-Manual switch
 - Isochronous Governor
 - 0.25% digital frequency regulation with: soft-start ramping - adjustable, gain - adjustable, overshoot limit - adjustable
 - 3 Phase RMS Voltage Sensing
 - +/-0.5% digital voltage regulation with: soft-start voltage ramping - adjustable, loss of sensing protection - adjustable, negative power limit - adjustable, Hi/Lo voltage limit - adjustable, V/F slope and gain - adjustable, fault protection
- Service reminders, trending, fault history (alarm log)
- I2T function for full generator protection
- Selectable low-speed exercise
- 2-wire start controls for any 2-wire transfer switch
- 110 AH, 925 CCA Group 31 Battery, with rack, installed
- Block Heater, 1500 watt
- Std Heavy Duty Air Cleaner
- Battery Charger, 10 Amp, NFPA 110 compliant, installed
- 120V GFCI and 240V Outlet
- Flex Fuel Hose, shipped loose
- Critical Grade Silencer
- Std set of 3 Manuals
- 2-Year Comprehensive Extended Warranty
- Battery Heating Pad
- SG0050KG264.5L18TP

Quantity One- TRANSFER SWITCH – Generac TX SERIES 200 Amps (same as above)

- 200 Amp, 3 pole, 277/480 VAC three phase delta, 60 Hz, with 2-Wire Start Circuit
 - Utility Voltage Sensing Controls:
 - Adjustable Drop-out and Pick-up
 - Adjustable Utility Interrupt Delay
- Controller Cover, Padlockable, Black
- NEMA 3R Enclosure
- 3 Owner's Manuals
- 22KA Contactor Withstand and Closing Rating
- In Phase Only Transfer
- Two Year Extended Warranty 2YR P/L/T
- TX611NN0200S3CH

Freight Allowed Job Site, FOB Factory

Factory Authorized Start Up

4 Hour Load Bank at time of Start-up

Total (not including any applicable tax)

\$23,411.00

NOTES AND CLARIFICATIONS:

- 1. This quotation is our best interpretation of the project plans and specifications available to us at the time if bid. It is our intent to meet the project requirements, subject to approved submittals. This quotation is per the above bill of materials and not plan and specification. Quoted price does not include taxes, installation, mounting, wiring, off -loading, diesel fuel or other items not specifically designated or quoted herein. .**
- 2. This quotation is valid for 30 days.**
- 3. Allow 2 weeks for submittals after order.**
- 4. Order is subject to credit approval. Payment terms are net 30 days with approved Credit.**
- 5. Current lead time is estimated at 13 to 15 weeks, after written receipt of release and approved submittals. Lead times are estimates only and are subject to change.**
- 6. FOB-Point of Shipment, Freight is Prepaid. Shipping Method is Ground Motor Freight, Best Way.**
- 7. Factory Authorized Start up services are required to validate Generac warranty.**
- 8. Start-up is scheduled during standard business hours. Weekend and evening start-up hours will incur additional charges. Full warranty terms and conditions are available upon request.**



GENERAC

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Pricing on 500gal AG

B&L PROPANE CO., INC <blpropane@gmail.com>

Thu 8/12/2021 1:52 PM

To: Lance Gubler <lance@toquerville.org>

Hey Lance,

The price for a 500 above ground tank is \$2322.18. Ralph said that it would need a liquid valve put onto the tank and he will get back to me with the pricing on that.

Amanda

B&L Propane Secretary

B&L Propane Co Inc...

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