

Removal and Replacement of Power Generator

Delivery Terms:

To remove and dispose of one (1) natural gas 100 kW Generac generator behind the Residential Conference Center located at 7919 Independence Blvd. Baton Rouge, LA 70806 and replace with (1) natural gas 100kW Cummins Generator or equal (see generator specifications) with all required breakers and transfer switch(s) to reconnect to the building.

Expectations Required:

- Disconnect and remove one (1) natural gas 100 kW Generac generator from the concrete slab.
- Drain and properly dispose of all fluids (oil, coolant, ect.) from the generator being removed.
- Dispose of one (1) natural gas 100 kW Generac generator.
- Furnish and install one (1) new natural gas 100kW C100N6 Cummins Generator, or equal, with new breaker(s) and new automatic transfer switch rated for the generator to properly operate.
- Place new generator on the existing slab and anchor it into concrete with bolts.
- Furnish and install all materials and supplies needed to connect the new generator to the new automatic transfer switch.
- The bid must include all parts and/or accessories required to provide a complete and properly functioning emergency generator system that meets current code requirements (whether those parts and/or accessories are specifically mentioned in these specifications or not).
- Bid must include start-up and operational walk-through with Facility Service staff.
- The Price shall include all equipment, supplies, connections, materials, permits, crane, and labor.
- If damage to the property occurs, the vendor must restore the property; this includes but is not limited to the fence and lawn.

Generator Minimum Specifications

Genset Type Generator: Engine manufacturer and generator set manufacturer shall be one and the same.

- C100N6 (Inline 6 Cylinder Engine), 100kW, 60Hz, Standby, Natural Gas/Propane Genset
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- U.S. EPA, Stationary Emergency Application
- C100N6, 100kW, 60Hz, Standby, Natural Gas/Propane Genset
- Duty Rating – Emergency Standby Power
- Emissions Certification - SI, Environmental Protection Agency (EPA), Emergency, Stationary, 40CFR60

- Listing - UL 2200
- National Fire Protection Association (NFPA) 110 Type 10 Level 1 Capable
- Exciter/Regulator - Permanent Magnet Generator, 3 Phase Sensor
- Voltage - 120/240, 1 Phase, 3 Wire
- Alternator-60Hz, Reconnect, Full Output, 120C, 40C Ambient, Increased Motor Starting (IMS)
- Aluminum Sound Attenuated Level 1 Enclosure, with Exhaust System
- Enclosure - Wind Load 180 MPH, ASCE7-10
- Battery Rack
- Skidbase - Housing Ready
- Control Mounting - Left Facing
- PowerCommand 1.1 Controller
- Gauge - Oil Pressure
- AmpSentry™ UL Listed Protective Relay
- Stop Switch - Emergency
- Control Display Language - English
- Load Connection - Single
- Circuit Breaker, Location A, 200A-600A, 3P, LSI, 600 Volts AC, 80%, UL
- Circuit Breaker or Terminal Box Right Side (Position B) - None
- Circuit Breaker or Terminal Box Right Side (Position C) - None
- Engine Governor - Electronic, Isochronous
- Single Gas Fuel - NG or LP Vapor
- Engine Starter - 12 Volt DC Motor
- Engine Air Cleaner - Normal Duty
- Battery Charging Alternator
- Battery Charger - 6 Amp, Regulated
- Engine Cooling - Radiator, High Ambient Air Temperature, Ship Fitted
- Shutdown - Low Coolant Level
- Extension - Coolant Drain
- Engine Coolant - 50% Antifreeze, 50% Water Mixture
- Coolant Heater
- Engine Oil Heater - 120 Volts AC, Single Phase
- Engine Oil
- Genset Warranty – Two (2) Years Base
- Literature - English
- Packing - Skid, Poly Bag
- Extension - Oil Drain

Vendor must also include the following:

- Fuel connection Kit, Flexible one (1) inch National Pipe Thread (NPT), Gaseous, twenty-seven (27) inches long.
- Fuel Strainer - Gaseous, one (1) inch NPT Inlet/Outlet

Terms and Conditions:

- The vendor should inspect the job site and verify work area and/or supplies needed before bidding.
- All work being performed is required during regular business hours within secure facilities associated with Facility Services. Monday through Friday, 7:00 am to 3:30 pm.
- The vendor shall perform work in a workmanlike manner according to industry standards.
- Work shall meet all current applicable codes; federal, state, and local.
- The vendor shall provide all applicable manufacturer's warranties for each piece of equipment (minimum one (1) year warranty for each piece of equipment) and a one (1) year workmanship warranty on the project installation.
- Vendor representatives are subject to passing a background check.
- Vendors are subject to vehicle searches. Weapons are not allowed on the compound.
- The vendor representatives must follow all agency policies and procedures while performing work on facility grounds.
- Vendor is subject to a conference/training with facility staff after the contract is executed and before performing any work.
- All waste/debris is to be removed from the site daily and disposed of properly, with the exception of any equipment that is accounted for through property control measures. All waste/debris must be assessed by the appropriate site staff (Jeff Thompson) before removing it from the site.