



## REQUEST FOR PROPOSALS – SD300, 10.3 L, 300 Kw Industrial Diesel Generator in Olanta, SC

### REQUEST FOR PROPOSALS

OCTOBER 10, 2018

Genesis Healthcare, Inc

Genesis Healthcare, Inc is hereby issuing this Request for Proposals (RFP) to firms that have the capability and interest in undertaking and performing the scope of work described below.

We are looking to install an SD300, 10.3 L, 300 Kw Industrial Diesel Generator Set at our Olanta, SC location with funds we have received through a HRSA grant. We need a Standby Power Rating of 300kW, 375 kVA, 60 Hz. Prime Power Rating of 270 kW, 338 kVA, 60 Hz.

#### Engine Specifications:

General Make Iveco/FPT EPA Emissions Compliance Stationary Emergency EPA Cylinder # 6 Type In-Line Displacement - L (cu. in) 10.3 (628.54) Bore - mm (in) 125 (4.92) Stroke - mm (in) 140 (5.51) Compression Ratio 16.5:1 Intake Air Method Turbocharged/Aftercooled Cylinder Head 4-Valve Piston Type Aluminum Crankshaft Type Dropped Forged Steel

#### Alternator Specifications:

Standard Model 520 mm Generac Poles 4 Field Type Revolving Insulation Class - Rotor H Insulation Class - Stator H Total Harmonic Distortion < 50 Standard Excitation Permanent Magnet Excitation Bearings Single Sealed Cartridge Coupling Direct, Flexible Disc Prototype Short Circuit Test Yes Voltage Regulator Type Digital Number of Sensed Phases All Regulation Accuracy (Steady State) ±0.25%

#### Automatic Transfer Switch Specifications:

800A Rated, Non-Service Entrance Rated, 120/208 VAC 3 Phase, 3 Pole, Open Transition, NEMA 1.

#### Miscellaneous specifications:

- Turn key installation including 24" raised concrete foundation as well as service access platforms along each side. All work to be permitted, all engineering and drawings to be included.
- Remote Monitoring and Access Control System.
- Freight.
- Start Up and NFPA 110 Testing Including Loadbank.
- 5 Year Scheduled Preventative Maintenance.

**Each firm is officially a CONSULTANT. Each CONSULTANT must submit a package containing an original and three (3) copies of its proposal to Genesis Healthcare, Inc. no later than 4:00 p.m. October 19, 2018 to Mark Callahan Sr., Director of Facilities Maintenance, Genesis Healthcare, Inc. 3400 West Ave., Columbia, SC 29203.**

Proposals may be submitted in person, by email, or by regular mail. All proposals will be logged in and date and time stamped. Any proposal package that is received after the date and time specified will be logged and date and time stamped as "late" and returned unopened to the CONSULTANT.

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