

**Generator Planned Equipment Maintenance Services - 2023**

Quote Name: Generator Planned Equipment Maintenance Services 2023

Borough Contact: Chris Carson/Marybeth Hennessy

Contact Phone Number: 609-492-2525

**Quote Description:**

- This quote is to supply a trained technician and necessary equipment to perform yearly general inspection, maintenance and emergency repair on two generators (Kohler & Onan) in the Borough of Beach Haven as described in the attached sheet. Bidders may make an appointment to inspect the two generators.
- Quote should include providing a written report containing all data and results.
- This contract may be awarded to more than one bidder.
- Quote should be valid until 12.31.2022
- Quote may be extended until 12.31.2023 if both the Borough and the vendor are in agreement of an extension.
- Quotes must be faxed or emailed to the Public Work's Office at 609-492-3270 or mhennessy@beachhaven-nj.gov
- Vendor must have a W9 form attached or on file.
- Vendor must have a N.J. Business Registration Certificate attached or on file.
- This contract may be subject to Prevailing Wage Act (NJSA 34:11-56.250 et seq.)
- This contract may be subject to Pay to Play laws (NJSA 19:44-20)

**Quote Specifications:**

Company Name: \_\_\_\_\_

Contact Name: \_\_\_\_\_

Phone Number: \_\_\_\_\_

E-Mail: \_\_\_\_\_

Hourly Rate for Repair: \_\_\_\_\_

Yearly Service & Inspection Rate: \_\_\_\_\_

Emergency Hourly Rate for Repair: \_\_\_\_\_

Travel Time Rate if applicable: \_\_\_\_\_

Date Submitted: \_\_\_\_\_

Quotes must be submitted to the Beach Haven Borough Clerk by e-mail or fax

E-Mail: [mhennessy@beachhaven-nj.gov](mailto:mhennessy@beachhaven-nj.gov)

Phone : 609-492-2525 ; Fax: 609-492-3270

# Generator Planned Equipment Maintenance INSPECTION

## BATTERIES AND BATTERY CHARGER

- Visually inspect battery terminal connections
- Verify electrolyte level, vent caps of all cells in the starting battery system
- Visually inspect wiring, connections and insulation
- Record battery charging functions
- Record battery information
- Record battery condition test

## FUEL SYSTEM

- Visually inspect ignition system (Natural Gas and Propane Only)
- Record primary tank fuel level
- Inspect engine fuel system for leaks
- Visually inspect all engine fuel hoses, clamps, pipes, components and fittings
- Visually inspect rupture/containment basin
- Inspect day tank and controls (if applicable)
- Optional - fuel sample for laboratory analysis\*

## COOLING SYSTEM

- Record coolant level
- Visually inspect for coolant leaks
- Visually inspect drive belts condition
- Verify for proper coolant heater operation
- Record jacket water temperature
- Visually inspect fan, water pump, drives and pulleys
- Visually inspect all coolant hoses, clamps and connections
- Visually inspect radiator condition
- Visually inspect louver for damage
- Visually inspect fan hub and drive pulley for mechanical damage
- Record freeze point of antifreeze protection
- Record DCA level prior to changing coolant filter
- Optional - Coolant sample for laboratory analysis\*

## LUBRICATION SYSTEM

- Visually inspect engine oil leaks
- Visually inspect engine oil lines and connections
- Record oil level
- Optional - Oil sample for laboratory analysis\*

## GENSET CONTROLS AND ACCESSORIES

- Visually inspect all engine mounted wiring, senders and devices
- Visually inspect all control mounted components and wiring
- Verify all connecting plugs are tightened and in a good condition
- Visually inspect all accessory components and wiring
- Visually inspect and test lighting indicators

## INTAKE AND EXHAUST SYSTEMS

- Visually inspect air filter and housing
- Visually inspect all engine piping and connections
- Record air cleaner restriction
- Visually inspect engine exhaust system for leaks
- Visually inspect rain cap
- Optional - Air filter replacement\*
- Optional - Clean crankcase breather or replace filters\*

## GENERAL CONDITIONS

- Visually inspect governor linkage and oil level
- Visually inspect guards
- Visually inspect enclosure
- Visually inspect engine and generator mounts
- Verify emergency stop operation

## TRANSFER SWITCH

- Visually inspect controls and time delay settings
- Verify function of exercise clock and record settings from controller
- Verify remote start control operation
- Record utility / source one voltage

## AFTERTREATMENT

- Verify DEF level
- Record DPF restriction
- Visually inspect aftertreatment and controls

## SWITCHGEAR

- Inspection and Full Service quote available upon request.

## FULL SERVICE

### INCLUDES INSPECTION

#### OPERATIONAL & FUNCTIONAL REVIEW OF GENERATOR CRITICAL COMPONENTS

- Inspect engine cooling fan & fan drives for excessive wear or shaft wobble
- Check all pulleys, belt tensioners, slack adjusters & idler pulleys for travel, wear & overall condition
- Inspect / lubricate drive bearings, gear or belt drives, and other shaft connecting hardware

#### LUBRICATION OIL & FILTRATION SERVICE

- Change engine oil
- Change oil, fuel and water filters
- Post lube services operations of genset (unloaded) at rated temperature