

Scope of work

(A) Agency shall execute the following periodic/preventive maintenance to keep the DG sets in order.

Engine :- Checking of oil and lubricant oil level and topping up if required, checking all parameters and performance of engine on load conditions.

Alternator :- Checking of mounting and coupling bolts for tightness , checking of bearing for condition and greasing checking IR valves of alternator, insulations, cleaning of alternator, tightening the loose-connections and cable and terminations, checking for vibration, voltage, frequency, RPM, carbon brushes etc.

Control :- Cleaning AMR of panel, MCCB's contactor relays and panel timers with blower & CTC solution, checks for control and power wiring, tightness of connections and fuses, correctness and calibrator of all meter, relays, contractors and MCCB's as and when required.

Batteries :- Tightness of connections, Diagnostics of fault and rectify supply & replacement of terminals and applying petroleum jelly, checking specific gravity of electrolyte of each cell and checking the charging system.

Cooling :- Checks for any leakage of radiator supply & filling of collant, if required to check the condition of hose pipes, jubilee clamps, V-Belts and repair of all the minor parts as required.

Fule system :- Checking and repair of fuel pump, fuel pipelines and hoses, cleaning the fuel tank etc.

(B) Starting & Testing :- After carrying out all checks and performance of DG sets shall be observed and parameters of all the parts and meters should be within limit.

(C) Service at call :- In addition to the Fortnight visits, the agency will provide its service in case of any fault/emergency or as and when required without any extra charge and within 24 hours.

(D) Cost of Spare Parts :- The contractor shall bear the cost of spare parts required during daily routine/periodic preventive maintenance work like oil filter, fuel filter, air filter, rocker cover gaskets, exhaust inlet/gaskets, water separators, fuel pipes, water hose sets, diesel hose pipes, repairing and de-scaling of radiators, cu-washers, carbon brushes, repairing of self, rectifier plates, fuel pump, volt meter, ammeters selector switches, small fuses, relays, battery terminals V-Belts, frequency meter, indicating lamps, temperature sensor, pressure meter, counter, coolant and other small exposed parts of the engines as and when required at site.

(E) The work not included in the scope of work :-

1. Supply major contractors, MCCB's relays, batteries, piston, liner injector nozzle, radiator fan and internal prts of the engine.
2. Calibration of nozzles and injectors.
3. Rewinding of alternators and exciter.
4. Mobil oil & Diesel shall be supplied departmentally.

Sd/-
Principal Secretary,
Assam Legislative Assembly.