

SHIVAJI UNIVERSITY KOLHAPUR

Details of AMC for Diesel Generator Quotation

Dept. Name:-Department of Biotechnology

Name of Scientific Equipment:-Diesel Generator

H. O. D. Name:-Prof. (Dr.) J. P. Jadhav

Quotation submission date up to:- 17/01/2022



**Professor & Head (I/C)
Department of Biotechnology,
Shivaji University, Kolhapur.**

To be continue.....

SHIVAJI UNIVERSITY

SCHEDULE-B

Name of Work :

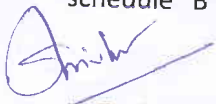
Annual Maintenance Contract for DG Set at Enviroment Science Building in the University Premises

Item No.	DSR No.	Description	Unit	Qty	Rate	Amount in Rs.
1	11.3.1	Carrying out servicing of DG set upto 50 kVA with/without AMF panel of any make to ensure smooth running of DG set for 30 mins on load. Checking for abnormal sound and leakages, carry out visual inspection of all moving parts, oil levels, oil filters, fuel filters, air filters and clean them properly, rectify the minor leakages if any. Inspect alternator, stator and rotor for normal speed & proper frequency, examine battery charging with monitoring system and recording voltages, checking battery cells gravity and topping up with distilled water, checking V belts with necessary adjustment, checking and retightening of nut bolts including coupling bolts of engine and alternator, checking & cleaning of radiator and leakage testing checking of radiator & fuel supply hose pipes, checking of AVR, excitation diodes, its connections confirming proper output voltage. checking & resetting of valve tappets, Cleaning of DG set internally using blower, cleaning radiator and Submit the servicing report to engineer in charge. (Non Comprehensive) as per specification no. GEN-SER-AMC	JOB	12		
Total in Rs.						

Add GST @ 18 %

TENDER FOR WORK

I/We have studied the schedule "B" and all clauses & conditions of the contract, tender specifications, Drawings and annexure enclosed. The work site is also inspected and studied by me/us. I/we am/are ready to execute the this work, at estimate rates,% below,% above the estimated rates entered in the above schedule "B".


Jr. Engineer
(Electrical)


Dy. Engineer
(Electrical)


Dy. Registrar
(Civil)

Contractor's
Signature

CONDITIONS / RESPONSIBILITY OF CONTRACTING AGENCY.

1. Service engineers to visit the site once in a month totaling to twelve visits per year per D.G set.
2. The schedule of visits can be mutually decided.
3. Agency to provide three breakdown services, if required. Service engineer will carry scheduled preventative maintenance checks on Diesel Generating Sets as per the standard check list.
4. Replace minor parts (i.e. Hoses and filters etc), sub-assemblies as and when required.
5. Service Engineer during the visit will report on the performance or any other abnormality and inform parts requirement, shall also submit the report on work done and recommendations as well as spare parts offers to the concerned authority for procurement.
6. Attend emergency calls on priority (usually same day). However, if the engineer is required for any particular date and time, it would be the responsibility of the customer to intimate the contractor in advance. Major overhauling / top overhauling /PT Pump & Injectors calibration / replacement of major parts / rewinding of Alternator or repairs on breakdown of the DG set are to be charged extra.
7. In case of the engine contract, the alignment is charged extra. Alternator bearing greasing is not in the scope. Supply parts required for emergency on to be on priority with customer's approval.
8. To per-intimate customer on engine repairs and overhaul requirement based on engine performance parameters.
9. Checking of Battery specific gravity every month and the acid level once in Three month and top with distilled water if required. (Applicable for lead acid Battery only).Output voltage check and condition check to be carried out in SMF type battery. Checking charging alternator output voltage with respect to specifications.
10. To check the condition of Diodes/ rotating rectifier assembly once in six month.
11. Checking of all electrical connections for their proper tightness including charging alternators and battery clamps. Engine Panel / PCC, Alternator will be covered in AMC.
12. Replacement of all filters, refilling of engine oils, checking of all nuts and bolts tightness, correction of engine alternator alignment in case of complete Gen set contract and replacement of rubber insert/block if broken to be carried out.
13. Service engineer shall carry out "B", "C" & "D" checks on the engine, would correct / recommend / suggest improvement in operation and performance.
14. Genuine spares and services have to be used while maintaining the D.G set .
15. Service to be provided should be in accordance with the engine manufacturer's service instructions /practices.
16. The engine should run electrically so that the safety devices are operative while the Genset is in operation.
17. Payment Terms - 50% after six month and remaining 50% after completion of AMC period.
18. This Service Contract is effective for one year.

