

**Name of the Work:- Estimate for supply, installation , testing and commissioning of 3phase 100KVA DG Set with AMF Panel
for 200 LPM PSA Plant at DHH Phulbani.**

| Sl. No. | Particulars | Qty | Unit | Quoted Rate | Amount | % of G.S.T | Amount of G.S.T | G. Total |
|---------|--|-----|------|-------------|--------|------------|-----------------|----------|
| 1. | <p>Supply, Installation,Testing& commissioning of 100KVA D.G.Set with following specifications</p> <p>RATING:-100 KVA - 3 PH with AMF Panel</p> <p>ENGINE MAKE:- Cummins / CAT / Volvo/ Perkins</p> <p>ENGINE SPECIFICATION:-6 CYLINDER, IN-LINE, 4 STROKE, RADITOR COOLED</p> <p>EMISSION NORM:- CPCB APPROVED</p> <p>FUEL TANK:- In-built fuel tank capacity 290 ltrs.</p> <p>BATTERY:- 12 V Battery of 100 AH with leads. (24month Repalcement Warranty)</p> <p>CONTROL PANEL:-Auto Mains Failure Control Panel</p> <p>SILENCER:- Critical Grade Silencer</p> <p>LUBE OIL:- First fill of lube oil / First fill of coolant (Lube oil change period in every 500 hours or in 1 year, whichever is earlier)</p> <p>ACOUSTIC ENCLOSURE:- Acoustic Enclosure passed with 9-tank pretreatment process.</p> <p>GENSET CONTROLLER:-PC 1.1 Micro-processor based generator set monitoring, metering and control system with LCD display – meant for Engine metering, Engine protection, Alternator metering and Alternator protection etc.</p> <p>FUEL CONSUMPTION:- Fuel consumption of engine at declared percentage of load includes loads of both radiator and fan.</p> <p>AMBIENT TEMPERATURE:- Standard integral set-mounted radiator system, designed and tested for 50°C ambient temperature.</p> <p>STANDARD WARRANTY:-Standard warranty of 2 years – comprehensive warranty on entire package, including rubber components.</p> <p>However, warranty coverage of 1 year is applicable on AMF Control Panel and Acoustic enclosure only of DG set.</p> <p>EXTENDED WARRANTY Extended warranty – 3 years on Engine critical parts, such as Cylinder Block, Cylinder Head, Cam Shaft, Crank Shaft and Connecting Rod.</p> <p>ALTERNATOR MAKE:-Stamford / Crompton Greaves / LoreySomer</p> <p>ALTERNATOR SPECIFICATION:-100 KVA BRUSHLESS TYPE, SCREEN PROTECTED, REVOLVING FIELD, SELF EXCITED CONFIRING TO IS/IEC 60034-1</p> <p>INSTALLATION ,COMMISSIONING & TESTING:- PCC FOUNDATION ,Unloading, 4NOS. COPPER PLATE EARTHING EARTHING, AMF PANEL STAND, 200SQ MM 3.5CORE ALUMINUM AMROED POWER CABLE(80Mtr.), 2.5sq mm 4core copper cable (80Mtr), Diesel 100Ltr & Installation charges etc.as per the direction of engineer in charge.</p> <p>N.B:-Vendor has to submit electrical inspection certificate from electrical inspector Energy department Govt. of Odisha.</p> | 1 | Job. | | | | | |

Signature of the Bidder