

Name of work :-Supply Installation Testing and Commissioning of 3 phase,160 KVA D.G set with AMF panel for 400 & 500LPM PSA plant at D.H.H,Jajpur .

Sl. No.	Particulars	Qty.	Unit	Rate	Amount without GST	GST %	Amount of GST	Amount
1	<p>Supply,Installation,Testing & commissioning of 160KVA D.G.Set with following specifications RATING:-160 KVA - 3 PH with AMF Panel ENGINE MAKE:-Cummins / CAT / Volvo/ Perkins ENGINE SPECIFICATION:-6 CYLINDER, IN-LINE, 4 STROKE, RADITOR COOLED & 206 BHP, Full Authority Electronic Engine EMISSION NORM:-CPCB II APPROVED FUEL TANK:-In-built fuel tank capacity 300 ltrs. BATTERY:-2 x 12 V Battery of 95 AH with leads.(24month Replacment Warranty) CONTROL PANEL:-Auto Mains Failure Control Panel SILENCER:- Critical Grade Silencer 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) ACOUSTIC ENCLOSURE:- Acoustic Enclosure passed with 9-tank pretreatment process. 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. FUEL CONSUMPTION:- Fuel consumption of engine at declared percentage of load includes loads of both radiator and fan. AMBIENT TEMPERATURE:- Standard integral set-mounted radiator system, designed and tested for 50°C ambient temperature. STANDARD WARRANTY:-Standard warranty of 2 years – comprehensive warranty on entire package, including rubber components. However, warranty coverage of 1 year is applicable on AMF Control Panel and Acoustic enclosure only of DG set. EXTENDED WARRANTY Extended warranty – 3 years on Engine critical parts, such as Cylinder Block, Cylinder Head, Cam Shaft, Crank Shaft and Connecting Rod. ALTERNATOR MAKE:-Stamford / Crompton Greaves / Lorey Somer ALTERNATOR SPECIFICATION:-160 KVA BRUSHLESS TYPE, SCREEN PROTECTED, REVOLVING FIELD, SELF EXCITED CONFIRING TO IS/IEC 60034-1 INSTALLATION ,COMMISSIONING & TESTING:- PCC FOUNDATION ,Unloading, 4NOS.GI EARTHING, AMF PANEL STAND, 300SQ MM 3.5CORE ALUMINUM AMROED POWER CABLE(80Mtr.), 2.5sq mm 4core copper cable(80Mtr), Diesel 100Ltr & Installation charges etc.</p> <p>"as per the direction of engineer in charge. N.B:-Vendor has to submit electrical inspection certificate from electrical inspector Energy department Govt. of Odisha.</p>	1	Job	1461864.00	1461864.00	18.00	263135.52	17,24,999.52
				Total				1724999.52
				Total				17,24,999.52
				Or. Say				17,25,000.00

Junior Engineer
G.E.(R&B)Section jajpur

Assistant Executive Engineer
G.E.(R&B)Sub-Division Jajpur

Executive Engineer
R&B Division Panikoili