



Punjab Alkalies & Chemicals Limited

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PRESS TENDER DTD.21/11/2018

LAST DATE: 06/12/2018

Sealed offers are invited from reputed manufacturers for supply of following item:

S.NO.	DESCRIPTION OF ITEM	QTY.
1.	<p>DG SET 1000 KVA OUTDOOR SILENT & ALTERNATOR 3-PHASE 415V AC & NEUTRAL WITH ACCOUSTIC ENCLOSURE, AMF PANEL AND OTHER ACCESSORIES. THE DETAILED SPECIFICATIONS OF ENGINE ARE AS:</p> <p>A) NO. OF CYLINDERS=12"Vee", ASPIRATION=TURBOCHARGED-AFTERCOOLED, B) BORE & STROKE= 159MMX159MM, DISPLACEMENT=37.8 LTRS, OUTPUT-PRIME=1180BHP(880kWm) , FUEL CONSUMPTION @75% LOAD WITH RADIATOR &FAN=153.3 LTR/HR, FUEL CONSUMPTION @ 100% LOAD WITH RADIATOR & FAN = 203.8 LTR/HR , LUBE OIL CONSUMPTION @FULL LOAD = 0.24 LTR/HR , TOTAL WET WEIGHT(ENGINE + RADIATOR) = 6000KG , LENGTHXWIDTHXHEIGHT(ENGINE)= 2265X1400X1658 MM , COMPRESSION RATIO = 13.9:1 PISTON SPEED = 7.95 M/S , GOVERNOR/CLASS = ELECTRONIC/A1, LUBRICATING OIL SYSTEM CAPACITY = 145 LTR., COOLANT CAPACITY(ENGINE+ RADIATOR)= 260LTRS COMBUSTION AIR INTAKE@ 100% LOAD (+/- 5%) = 66.9M3/MIN, FAN AIR FLOW ACROSS RADIATOR = 1431.3 M3/MIN EXHAUST TEMPRATURE = 500 DEG. CEL. B) THE DETAILED SPECIFICATIONS OF ALTERNATOR ARE AS: VOLTAGE REGULATION = +- 0.5%, INSULATION = CLASS H, STANDARD ENCLOSURE = IP 23 , WINDING PITCH= 2/3 PITCH, STATOR WINDING = DOUBLE LAYER LAP, ROTOR = DYNAMICALLY BALANCED, WAVE FORM DISTORTION = NO LOAD < 1.8%, NO DISTORTING/ BALANCED LINEAR LOAD<5% TELEPHONE INTERFERENCE FACTOR = BETTER THAN 50, TOTAL HARMONIC FILTER = BETTER THAM 2%. C) AMF PANEL WITH L&T SWITCHGEAR</p>	1 No

Kindly refer our Tender Annexure & send your offers accordingly.