



Punjab Alkalies & Chemicals Limited

SCO.NO:125-127, SECTOR 17-B, CHANDIGARH – 160 017 (INDIA)

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PRESS TENDER DTD.17/11/2018

LAST DATE: 30/11/2018

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

S.NO.	DESCRIPTION OF ITEM	QTY.
1.	<p>TRANSFORMER 2500 KVA 11/0.433KV TYPE: 3-PHASE,OIL COOLED POWER TYPE NORMAL CONTINUOUS RATING (IN KVA): 2500KVA (AS PER BIS-1180, LEVEL-2). HIGH VOLTAGE: 11KV, LOW VOLTAGE:0.433 KV WINDING MATERIAL: 99.9% ELECTROLYTIC COPPER HIGH VOLTAGE: DELTA , LOW VOLTAGE: STAR VECTOR GROUP: Dyn11 , FREQUENCY : 50HZ TAPPING ON HV WINDING FOR HV VARIATION: +5% TO -10% IN STEPS OF 2.5% EACH . TYPE OF TAP CHANGER : OFF CIRCUIT TAP SWITCH STEPS/ POSITIONS OF TAP CHANGER:06 STEPS/7 POSITIONS PERMISSIBLE TEMPRATURE RISES (ABOVE AMBIENT 50 DEG CELCIUS) A) TOP OIL : 40 DEG CELSIUS B) AVERAGE WINDING : 45 DEG. CELSIUS TERMINATION HIGH VOLTAGE: CABLE BOX , LOW VOLTAGE: BUS DUCT FLANGE, ORIENTATION : 180 DEGREE TYPE OF COOLING: ONAN(OIL NATURAL AIR NATURAL) LOCATION: OUTDOOR ALTITUDE ABOVE SEA LEVEL : UPTO 1000M TOTAL LOSSES AT 50% LOAD: 6.15KW (MAX) TOTAL LOSSES AT 100% LOAD : 18.5 KW (MAX) IMPEDANCE AT 75 DEG CELSIUS : 6.25%(+10% TO -10% TOL)INSULATION LEVEL : HV & LV UNIFORM HV (KVp/KVrms) - 75/28 , LV(KVp/KVrms) : -/3 FITTING & ACCESSORIES: COPPER WOUND,TWO WINDING, CORE TYPE TRANSFORMER WITH BASE MOUNTED ACTIVE PART WITH FITTINGS: 01 NO RATING & DIAGRAM PLATE MADE OF ANODIZED ALUMINIUM, 02 NOS EARTHING TERMINALS , 04 NOS. LIFTING LUGS 01 NO. OIL LEVEL INDICATOR WITH MINIMUM LEVEL MARKING , 02 NOS. THERMOMETER POCKETS 01 NO. CONSERVATOR WITH OIL FIILLING HOLE WITH CAP AND DRAIN PLUG , 01 NO. AIR RELEASE PLUG, 01 NO. SILICA GEL BREATHER , 01 NO. "OFF CIRCUIT" TAPPING SWITCH 04 NOS. BI-DIRECTIONAL ROLLERS, RADIATORS, FIRST FILLING OF OIL, EPOXY PAINT WITH SHADE 631 OF IS:5 01 NO. EXPLOSION VENT WITH DIAPHRAGM 01 NO. BOTTOM DRAIN-CUM FILTER VALVE 01 NO. TOP FILTER VALVE, JACKING PADS. ACCESOORIES : 01 NO BUCHHOLZ RELAY WITH ALARM & TRIP CONTACT 01 NO. OIL TEMPRATURE INDICATOR WITH A/T CONTACT(2A) 01 NO. WINDING TEMP. INDICATOR WITH A/T CONTACT(2A) 01 NO. MARSHALLING BOX 01 NO. MAGNETIC OIL LEVEL GAUGE WITH LOW OIL LEVEL ALARM CONTACT.</p>	2 Nos.



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