

BID NO :

5-00248.00

TRANSFORMER TECHNICAL SCHEDULE

CUSTOMER		
STANDARDS IN FORCE	:	IEC 60076
TYPE OF TRANSFORMER	:	OUTDOOR/OIL IMMERSED/WITH CONSERVATOR
NUMBER OF PHASE	:	3
FREQUENCY	:	50-60 Hz
RATED POWER	:	4000 kVA
RATED VOLTAGES	:	4,16-6-11-13,8 / 0,4 kV
VOLTAGE REGULATION RANGE	:	-
VECTOR GROUP	:	Dyn11
TYPE OF COOLING	:	ONAN
OVER LOAD	:	ACCORDING TO IEC 354
OVER VOLTAGE	:	5%
IMPEDANCE VOLTAGE	:	6-7-9-10% (±% 10 Tolerance)
SHORT-CIRCUIT WITHSTAND DUR.	:	3 Sec.
LOAD LOSSES	:	40000 Watt (+% 10 Tolerance)
NO-LOAD LOSSES	:	4000 Watt (+% 10 Tolerance)
MAXIMUM AMBIENT TEMP.	:	+ 40 °C
WINDINGS TEMPERATURE RISE	:	65 °C
MAXIMUM OIL TEMPERATURE RISE	:	60 °C
OPERATION MODE	:	CONTINUOUSLY
CONDUCTOR MATERIAL	:	ALUMINIUM
WEIGHT	Total weight	: 11465 kg
	Oil weight	: 2880 kg (Nynas)
	Weight of active parts	: 5420 kg
DIMENSIONS	Length	: 3200 mm
	Width	: 2890 mm
	Height	: 3070 mm
ACCESSORIES SUPPLIED WITH TRF.	: :	1- Rating Plate 2- Oil Level Indicator With Contact 3- Silicagel For Dehydrating Breather 4- Double Contact Thermometer 5- Bidirectional Wheel 6- Buchholz Relay (double contact)
OTHER REQUESTS	:	7- Control Box 8- Pressure Relief Device With Contact
Paint: RAL 7033 , Total thickness: 105 µm		7.3.2019
* Tolerances of weight and dimensions ±%5		