

SCHEDULE OF GUARANTEED TECHNICAL PARTICULARS OF 11 KV CT- PT UNIT (OUTDOOR TYPE)

1.	Name of Manufacturer	
2.	Type of Equipment (Out Door Oil Immersed)	
3.	Overall Dimensions of the equipment	
4.	Dimensions of the tank (Please furnish drawing with the offer)	
i)	Length (mm)	
ii)	Breadth (mm)	
iii)	Height (mm)	
5.	Material of the tank	
i)	Thickness of Bottom & Top Cover (mm)	
ii)	Thickness of Sides (mm)	
6.	Make of Insulating oil to be used	
7.	Volume of insulating oil in the Tank (Lt)	
8.	Total Weight of the complete equipment with oil and fittings (Kg)	
9.	Bushing details	
i)	Make	
ii)	Total creepage distance (not less than 300 mm)	
iii)	IS to which bushing conforms	
iv)	Electrical clearance between fitted bushings phase to phase (not less than 255 mm)	
10.	Current Transformer	
i)	Nominal system voltage (KV rms)	
ii)	Highest system voltage (KV rms)	
iii)	Frequency	
iv)	Impulse withstand (KV Peak) (on metering unit)	
v)	One minute power frequency dry withstand voltage test (on metering unit)	
(a)	Primary (KV rms)	
(b)	Secondary (KV rms)	
vi)	One minute power frequency wet withstand	

xvii)	Maximum ratio error	
xviii)	Max. phase angle error	
xix)	Rated voltage factor and time.	
xx)	Max. Temp. rise over ambient temp.	
xxi)	Winding connections	
(a)	Primary	
(b)	Secondary	
	Whether neutrals are brought out	
12.	Whether the metering equipment is suitable for satisfactorily working under abnormal conditions viz-single phasing supply by arrangements by Looping supply phase with other line phase.	
13.	Minimum electrical clearance between phase to earth with bushing mounted on equipment	
14.	Whether air pressure release device is provided	
15.	Whether arrangement provided to take care of expansion & contraction in oil.	
16.	Whether 2 Nos. earthing terminals are provided.	
17.	Whether dimensional drawing of the offered equipment is enclosed	
18.	Whether Oil gauge is provided.	
19.	Whether secondary terminals in the terminal box are properly marked	
20.	Whether base channels are mounted as per specification.	
21.	Whether terminal connectors are provided as per specification.	
22.	Whether meter box, secondary wiring and GI connecting pipe provided as per specification.	
23.	Resistance of H V and LV winding at 75° C per phase.	
24.	Value of max. current density of primary of C.T.	