

GUARANTEED TECHNICAL PARTICULARS FOR CTS.

1.	Name of manufacturer	
2.	Type	
3.	Rated Voltage	
4.	Short time current rating for 3 sec.	
5.	Rated primary current	
6.	Rated secondary current	
7.	Number of cores	
8.	Rated output:	
	Core-I	
	Core-II	
	Core-III	
9.	Class of accuracy	
	Core-I	
	Core-II	
	Core-III	
10.	Saturation factor /accuracy limit factor.	
	Core-I	
	Core-II	
	Core-III	
11.	Instrument security factor of core-I	
12.	Secondary limiting voltage	
	Core-I	
	Core-II	
13.	Resistance of sec. wdg. Not more than	
	Core-I	
	Core-II	
	Core-III	
14.	One second over current factor	
15.	Rated dynamic current	
16.	(a) No. of Primary turns	
	(b) No. of Seconadry turn	
	(c) Cross Sectional Area of Primary winding (mm ²)	
	(d) Cross sectional area of secondary winding (mm ²)	
	(e) Type of primary conductor	
	(f) Type of Secondary conductor	
17.	Rated continuous terminal current temperature rise over ambient.	
18.	One minute power frequency wet/dry test withstand voltage.	
19.	Characteristics	
i)	Ratio and phase angle curve	
ii)	Negotiation curve	
iii)	Ratio current factor curve	

iv)	Accru limiting factor	
20.	1/2.50μ second impulse withstand test voltage.	
21. a.	Creepage distance of insulator total (not less than)	
b.	Protected (Not more than)	
22.	One-minute power frequency withstand test voltage on secondary.	
	Purpose	
	Core-I	
	Core-II	
	Core-III	
23.	Weight of oil	
24.	Total weight	
25.	Mounting details	
26.	Overall dimensions	
27.	Type Testing	
a)	Whether the CT of the offered design has been type tested during last five years from the date of open of tenders.	
b)	If yes, when and where was it type tested?	
c)	Is there any deviation in the technical specification of offered CT.	
d)	Details of test reports.	

Sl. No.	Name of test	Date of test	Whether test reports enclosed or not (Yes/No)	If Yes, number of sheets.
1.	Verifications of terminal marking and polarity (9.2)			
2.	High voltage power frequency test on primary windings (9.3)			
3.	High voltage power frequency test on secondary windings (9.4)			
4.	Over voltage inter-turn test (9.5)			
5.	Determination of error according to the requirements of appropriate accuracy class (as per relevant parts of this standard).			
6.	Short time current test (9.6)			
7.	Temp rise test (9.7)			
8.	Impulse voltage test (9.8)			