

**GUARANTEED TECHNICAL PARTICULARS FOR CTS.**

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

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

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