

Spec No. ET/TRS/MCT/E-5/12-13

Dt. 03.01.2013

**Technical specification For Microprocessor based CT TESTING MACHINE**

Sr No	Major parameters
01	Machine should be suitable for testing current transformer of the moulded resin type where the secondary winding is en -capsulated in epoxy resin -single ratio transformer  Supply Voltage -415 volt±10%50 HZ 2Phase Primary current rating 0 to 5000 Display 4 ½ digital displays secondary current 0-5000Amp Display 4 ½ digital displays Testing Machine should be PC based logging and printing facility Testing Machine should have following testing facilities. 1. Polarity checked 2. Frequency checked on both side winding 3. Over voltage inter turn short protection 4. Current error, phase displacement. Short time current test as per IS 2705 Insulation test 1. Between primary and earth , frame & secondary being connected to earth. 2. Between secondary & earth the frame being connected to earth. 3.
02	Minor parameter-NIL
03	Concomitant Accessories :- Nil
04	Optional Accessories :- Nil
05	Spare :- Nil
06	AMC Requirement :- Nil
07	<b>Warranty requirement:-</b> a) The equipment shall be warranted/ guaranteed for two year from the successful commissioning of the equipment at ELS ET. b) The decision of railway in regard to the cause of failure & nature of rectification & modification to be carried out by the contractor during guarantee repairs. " c) The transportation will be at the Contractors cost of guarantee repairs.
08	<b>Special Requirement:</b> - Contactor has to supply at least 02 copy of Technical Literature, Operation and Trouble shooting instruction manual along with the equipment.

SSE / E-5

For Sr. D.EE/TRS/ELS/ET

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