

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	<p>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</p> <p>Supply Voltage -415 volt\pm10%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.</p> <ol style="list-style-type: none">1. Polarity checked2. Frequency checked on both side winding3. Over voltage inter turn short protection4. Current error, phase displacement. Short time current test as per IS 2705 <p>Insulation test</p> <ol style="list-style-type: none">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	<p>Warranty requirement:- 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.</p>
08	<p>Special Requirement:- Contractor has to supply at least 02 copy of Technical Literature, Operation and Trouble shooting instruction manual along with the equipment.</p>

SSE / E-5

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

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