

ANNEXURE-I

TECHNICAL SPECIFICATIONS
MOTORISED MEGGER (INSULATION TESTER) 5 KV

| Specification Requirement | Bidders Remarks |
|---|-----------------|
| <ol style="list-style-type: none"> 1. Mains / battery pack operated (Capable of continuous duty for P.I. measurement of large Generators) analog / digital insulation tester with selectable ranges of 50V, 250V, 500 V, 1000 V, 2500 V , 5000 V. 2. I.R. measurement range 100 K ohm to 500 G ohm. 3. Maximum weight not more than 10 Kg. & maximum limits of error for measurement ± 5 % of reading. 4. Instrument should be capable of measuring P.I. of synchronous Generators up to maximum capacitance load of 20 micro Farad. 5. Facility for automatic polarization index testing. 6. Facility for dielectric discharge test. 7. Capacitance measurement up to 10 micro Farad. 8. RS-232 port for real time downloads. 9. Standard test leads to be supplied along with instrument. 10. Instrument should be housed in a rugged, transportable carrying case. 11. Calibration certificate traceable to national / international standards. 12. All optional accessories to be quoted. 13. Voltage in put range 95-240 Volts & Battery life 4-6 Hrs. continuous testing. 14. It should be capable to rejecting interference. 15. USB cable | |

| Other requirements | Bidders Remarks |
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| <p>Supplier shall provide the following:</p> <ol style="list-style-type: none"> 1. Calibration Certificate of instrument along with the traceability 2. Instruction Manual 3. Hard carrying case with locking arrangement. 4. Guarantee /warranty certificate 5. Service center information. Preferably in Delhi /Noida 6. Supplier should provide calibration facility 7. Supplier to provide following information along with technical data in their technical bid. <ol style="list-style-type: none"> i. Physical dimensions of the instrument. ii. Weight of the instrument. iii. List of the customers to whom they have supplied the quoted model. 8. Supplier shall arrange for commissioning, testing & training of personal at purchaser's office free of cost. 9. Vender List:- Preferably Megger, UK; Tinsely UK, Fluke, Hioki, Yokogawa or any other equivalent brand. | |