



# West Bengal State Electricity Distribution Company Limited

(A Government of West Bengal Enterprise)

## Zonal Office Siliguri

2<sup>nd</sup> Mile, Sevoke Road, Siliguri, Darjeeling, Pin – 734 001

Tel: 0353-2540432, 2542747, 2541401 (Fax) E-mail: [zm\\_siligurizone@yahoo.in](mailto:zm_siligurizone@yahoo.in)

Memo No.: ZM/ZOS/Megger/Tender/2020-21/ 1099

Date: 23/9/2020

### NOTICE INVITING TENDER

Tender Notice No.: 7

Sealed tenders are invited by the Addl.C.E. & Zonal Manager, Zonal Office Siliguri, WBSEDCL including GSTN numbers and HSN/SAC code from the Dealers for supply of 01(One) nos. portable **Diagnostic Insulation Tester** as per the details mentioned below.

#### Technical Specification:

#### 5KV Insulation Tester specification

Technical specification of Insulation Resistance meter			
1	Diagnostic Mode	:	IR, PI, DAR.
2	Test Voltage	:	250VDC to 5000VDC in 50 Volt.Step .
3	Test Voltage Accuracy	:	± 5%
4	Short Circuit Current	:	≥ 3mA
5	Insulation Resistance Range	:	10KΩ to 10TΩ
6	Accuracy	:	Up to 1TΩ @ ±5%, 1T TΩ to 10 TΩ @ 20 %.
7	Leakage Current Measurement	:	1nA to 3 mA
8	Leakage Current Measurement Accuracy	:	± 5%
9	Capacitance Measurement	:	10 nF to ≥ 25 nF
10	Capacitance Measurement Accuracy	:	± 10% of reading ± 5% nF
11	AC/DC Voltage Measurement	:	Up to 600 V AC/DC
12	Timer(Selectable Timer Range)	:	1Sec to 99Min.
13	Power Supply	:	230V ± 10%, 50 Hz
14	Battery	:	Li-Ion
15	Battery Back-up	:	5hrs at Highest Voltage.
16	Interference rejection	:	≥ 3 mA.
17	Guard Terminal	:	Should have 2 % error guarding 500KΩ leakage with 100MΩ Load.
18	Display	:	LCD display with backlight with Numeric
19	Display Parameters	:	Test Voltage, Insulation Resistance, Leakage Current and Capacitance after each Test.
20	Display update rate	:	1 times / Sec
21	Operating temperature	:	- 10°C to 50°C
22	Accessories	:	Test lead (3X3Mtr) with heavy duty alligator clip (red, black, blue) as per IEC standard. Rechargeable Li-Ion battery, AC adaptor, USB/RS232 Interface Cable, Communication software, Carrying Bag, Use Manuals.
23	Degree of protection	:	IP65
24	Safety	:	Meets the requirements of IEC 61010 - 1, CAT-IV.
25	Applicable standards	:	Safety : EN61010-1, EN61010-031, EMC: EN61000-3-2, EN61000-3-3, EN61326
26	Weight	:	<3 Kg
27	PC Communication	:	USB based PC communication
28	Memory	:	All data storage facility / min. 100 data storage
	Protection	:	The kit should have thermal and over load protection

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### Other Specifications:

- A) Instrument should be calibrated from any NABL accredited laboratory. Calibration results shall comply with specifications.  
B) Warranty period: 5 years. C). The Manufacturer should have Service centre in India.  
D) The intending bidders applying against the tender notice must be **Authorized Dealers of the said items/OEM.**

The Bidders must have supplied at least 2nos kits of similar or higher rating in the last two years. Bidders must submit the performance certificate of at least one customer who has been using since last two years. The bidders are advised to submit the tender papers in the specified tender box kept in the chamber of the Zonal Manager, Zonal Office Siliguri, WBSEDCL by 07.10.2020 up to 2.00PM. The Tender will be opened on 07.10.202 at 3PM. Reference number of tender notice, details of the materials and due date of submission of the tender should be prominently written on the envelope. Cost of material/item should be exclusive of GST. A penalty clause may be incorporated during placement of order for non-delivery of item within the stipulated time.

If the office happens to be closed on the date of receipt of sealed tenders, the next working day (except Saturday) at the same time and venue shall be applicable for the said purpose.

Sl. No	Description of Material	Quantity(NO)	IISN Code	Rate	Applicable GST%	Delivery Time
1	5KV Digital Insulation Tester with USB base PC communication in compliance of technical Specification mentioned above.	01				Within 2-4 weeks from the date of issuance of PO.

WBSEDCL reserves the right to reject any or all tenders without assigning any reason(s) whatsoever and are not bound to accept the tender of the lowest bidder. Bids will be accepted only after meeting the technical requirement as per specification on demonstration.

All the relevant terms & conditions as laid down in the Purchase Policy & General Conditions of Contract available in the website will be applicable.

Yours faithfully

Sd/-

(S.K.Deb)

Addl. C.E. & Zonal Manager

Zonal Office Siliguri

Date: 23/9/2020

Memo No.: ZM/ZOS/Megger/Tender/2020-21/ 1099 (1-15)

*[Handwritten signature]*