

**RESPONSE TO PREBID QUERIES**  
**DATE OF PRE BID MEETING: 07/01/2016**

Supply and Installation of Calibrators for Testing and Calibration of Equipments as per BIS Standard at MPSEDC Calibration Lab, Bhopal (M.P.) Tender No. MPSEDC/ETDC/2015/300 DATED 29.12.2015

- 1. ELECTRICAL SAFETY TESTER** (TOUCH CURRENT / LEAKAGE CURRENT / GROUND BOND TEST/ INSULATION RESISTANCE TEST/ AC/DC FLASH / HIPOT TEST) FOR TESTS CONFIRMING TO IEC 60950-1:2001,IEC 60950-1:2005,IEC 60065:2005 SAFETY REQUIREMENTS.

S.No	Page 10/11	SPECIFICATION AS PER TENDER		RECOMMENDED SPECIFICATION		RESPONSE FROM MPSEDC
				<b>Vendor: M/s. Technical Systems, Bhopal.</b>	<b>Vendor: M/s Hioki India, Indore.</b>	
1	<b>A</b>	<b>EARTH BOND TESTER</b>				
2	A.3	Range	0-1500mΩ	0-600mΩ	0-1.800 Ω	<b>NOT ACCEPTED</b>
3	A.4	Accuracy	±2% ±5 Counts	±2% of setting +2 Counts	NO CHANGES	<b>NOT ACCEPTED</b>
4	A-6	Compliance Test Ranges Current	5A-40A	5A-40A	0-30A	<b>NOT ACCEPTED</b>
5	A.7		Load resistance: 100 mΩ - 1000 mΩ	0-600mΩ	NO CHANGES	<b>NOT ACCEPTED</b>
6	<b>B</b>	<b>INSULATION TESTER</b>				
7	B.4	Accuracy	±5% ±5 Counts	±5% of setting +2 Counts	NO CHANGES	<b>NOT ACCEPTED</b>
8	<b>C</b>	<b>AC FLASH / HIPOT TEST</b>				
9	C.7	Accuracy	±1% ±5 Counts	±1.5% of setting +5 Volt	NO CHANGES	<b>NOT ACCEPTED</b>
10	<b>D</b>	<b>DC FLASH / HIPOT TESTER</b>				
11	<b>D-1</b>	<b>Programmable Voltage Range</b>	0-1kV - 6.00KV (10V/Step Resolution)	NO CHANGES	0-2 to 5KV	<b>NOT ACCEPTED</b>
12	D.3	Accuracy	±1% ±5	±1.5% of setting +5 Counts	±1.5%	<b>NOT ACCEPTED</b>
13	D.6	Accuracy	±1% ±5 Counts	±1.5% of setting +5 Volt	NO CHANGES	<b>NOT ACCEPTED</b>
14	<b>E</b>	<b>LEAKAGE CURRENT TEST</b>				
15	E.1	Display range	0.10 mA -20.00mA	0.0μA - 10 mA	NO CHANGES	<b>NOT ACCEPTED</b>
16	E.2	Accuracy	±1% ±5 Counts	2% of reading +3 Counts	NO CHANGES	<b>NOT ACCEPTED</b>
17	E.4	Selectable Range	0.01 m A - 20mA	0.0μA - 10 mA	NO CHANGES	<b>NOT ACCEPTED</b>
18	E.d	Calibration	NABL Certificate with Data	Traceable to any NABL Accredited Lab or equivalent international Standard	NO CHANGES	<b>NOT ACCEPTED</b>

## 2. TOUCH CURRENT TESTER

	<b>TOUCH CURRENT TESTER</b>		<b>Mentioned Specification</b>	<b>Recommended Specification</b>	<b>Vendor</b>	<b>Response from MPSEDC</b>
1	Page 14 b	Calibration Certificate	NABL Certificate with Data	Traceable to any NABL Accredited Lab or equivalent international Standard	M/s. Technical Systems, Bhopal	<b>NOT ACCEPTED</b>