

ANNEX-I: BOQ-CUM PRICE SCHEDULE FOR INDIAN BIDDER (PRICES IN INR)

PACKAGE- ELECTRIC TESTING LAB EQUIPMENT: 4 X 270 MW BHADRADRI TPS

S.NO.	ITEM DESCRIPTION	QTY	UOM	UNIT EX-WORKS PRICE (DULY PACKED)	TOTAL EX-WORKS PRICE (DULY PACKED)	ED INCLUDING CESS @----- %	CST @----- % AGAINST FORM-C/E/EII OR VAT @----- % whichever is applicable	FREIGHT CHARGES (INCLUDING SERVICE TAX) @----- % OF TOTAL EXWORKS	TOTAL F.O.R. SITE PRICE
1	Insulation Tester (Megger):								
	i. Insulation Tester 5 KV	2	No.						
	ii. Insulation Tester 2.5 KV	1	No.						
	iii. LV Insulation Tester 1000V	5	No.						
	iv. LV Insulation Tester 500V	10	No.						
2	Battery operated Insulation Tester (Megger)	4	No.						
3	Mega Ohmmeter 10 KV	1	No.						
4	Clip on Ammeter :								
	i. Clip on Ammeter (AC)	5	No.						
	ii. Clip on ammeter (DC)	2	No.						
5	Digital ducter Ohmmeter	1	No.						
6	Analog Multimeters (AVO Meters)	5	No.						
7	AC Milli- ammeter	2	No.						
8	AC Milli- Voltmeter	2	No.						
9	Substandard Frequency Meter	1	No.						
10	Digital Time Counter	2	No.						
	High Voltage Discharge rods:								
	upto 39.5 KV	5	No.						
	and Upto 420 KV	6	No.						
12	Portable cable core identification Kit	2	No.						
13	Phase Sequence indicator	5	No.						
14	Portable recording meters	2	No.						
15	Moving Iron Ammeters (0-5A range)	6	No.						
16	Moving Iron Ammeters (0-100 A range)	6	No.						
17	Precision Portable Digital Frequency Meter	1	No.						

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18	Portable Multi range Capacitance meter	2	No.						
19	Digital Tachometer (Non-Contact type)/(Photoelectric optical)	2	No.						
20	Relay Repair Tool Kit:	3	No.						
21	Universal Bridge (LCR-Q_Bridge)	1	No.						
22	Standard Current transformer (50-1500 A)	4	No.						
23	Standard Potential transformer	2	No.						
24	Primary Injection Kit	1	No.						
25	Secondary Injection Kits	3	No.						
26	Single Phase Auto Transformer (Variac)	10	No.						
27	Three Phase Auto Transformer (Variac)	10	No.						
28	Di-Electric Loss Factor Test Set (Tan-Delta Test Kit)	1	No.						
29	Earth Resistance Tester	2	No.						
30	100 KV Fully Automatic Oil Breakdown Voltage Test Set	1	No.						
31	Power Analyser	1	No.						
32	High Voltage Testing Kit :								
	i. 5KVA (DC) High Voltage testing Kit	1	No.						
	ii. 1kVA (DC) High Voltage testing Kit	1	No.						
	iii. 150 kVA (AC) High Voltage testing Kit	1	No.						
	iv. 10 kVA (AC) High Voltage testing Kit	1	No.						
33	DC Earth Fault locator	2	No.						
34	Portable Digital Multimeters	10	No.						
35	Portable Three phase substandard wattmeter	6	No.						
36	DC Milli Ammeter	2	No.						
37	DC Milli Voltmeter (0-500 V)	2	No.						

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38	DC Moving Coil Micro-Ammeter	1	No.						
39	DC Moving Coil Milli Ammeter	1	No.						
40	Portable Light Intensity Meter (Lux Meter)	1	No.						
41	AC Voltage/Current Source	1	No.						
42	Portable Hand Held infra-red Temperature Scanner	1	No.						
43	Portable reference meter and Phantom Load test set	1	set						
44	Transformer Turns ratio Tester	1	No.						
45	Three Phase Shifter	1	No.						
46	Kelvin Double Bridge	2	No.						
47	Portable Protective Relay Test Kit (4 Voltages and 6 currents	1	No.						
48	Digital Sound Level Meter	1	No.						
49	AC Cable Fault Locator (upto 11KV)	1	No.						
50	Portable Hand held Hydrogen Gas Leakage Detector	1	No.						
51	Portable Circuit Breaker Motion Analyser	1	No.						
52	DIGITAL STROBOSCOPE	1	No.						

NOTE :-

- 1) EQUIPMENT TO BE SUPPLIED ALONG WITH ESSENTIAL ACCESSORIES FOR SUCCESSFUL OPERATION OF EQUIPMENT AT SITE .i.e. CLAMPS, CLIPS,LEADS ,CARRYING CASE etc.
- 2) ALL EQUIPMENTS SHALL BE SUPPLIED WITH VALID CALIBRATION CERTIFICATE, WHEREVER APPLICABLE.
- 3) IN ADDITION TO NORMAL PACKING OF THE EQUIPMENTS, THE EQUIPMENTS TO BE PROPERLY PACKED IN GALVANIZED SHEET STEEL TRUNK/BOX WITH PROPER LOCK & KEY ARRANGEMENT.
- 4) Bidders to note that demonstration and handing over charges at site shall be as below:

A) Lump sum all inclusive charges per visit for experienced / capable engineer (except daily charges)= Rs. 20000/-

B) Lump sum all inclusive daily charges for experienced / capable engineer = Rs. 5000/-

Please note that above visits shall be applicable as per requirement by BHEL (to be certified by BHEL site). It is also clarified that provision of maximum 4 visits amounting to total 15 man days is envisaged for respective bidders.

Prabha