

**ANNEX-I: BOQ-CUM PRICE SCHEDULE FOR FOREIGN BIDDER**

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

**(Bidder to indicate Currency : .....)**

S.NO.	ITEM DESCRIPTION	QTY	UOM	Unit F.O.B PRICES	Total F.O.B PRICES	MARINE FREIGHT VALUE @ ---- % OF TOTAL F.O.B PRICES	TOTAL C&F, MUMBAI SEA PORT PRICES
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.				

*Aditya*

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17	Precision Portable Digital Frequency Meter	1	No.				
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.				

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36	DC Milli Ammeter	2	No.				
37	DC Milli Voltmeter (0-500 V)	2	No.				
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.

*Arshad*