

FINANCIAL PQR

PROJECT PACKAGE

2X660 SURATGARH STPS STAGE-V
ELECTRICAL LAB EQUIPMENT

A) The bidder needs to score minimum qualifying marks of 15 (total of all the parameters) based on the financial data as per the below Table :

SL NO.	PARAMETER	CRITERIA	MARKS	Maximum Marks	MARKS AWARDED
1	Growth of Net Worth over previous year (%) Average of three years to be worked out	>20% 10-20% 5-10% >0 & < 5% 0 or below	5 4 3 2 0	5	
2	Debt Equity Ratio Long term Debt / (share capital+free reserves)	1:1 1.1 upto 1.5:1 1.6 upto 2.0:1 2.0 & above	5 4 3 2	5	
3	Quick Ratio (Current Assets-Inventories) /Current Liabilities	1:1 1:1 upto 1.5 1:1.5 upto 1.75 1:1.75 upto 2.5 1:>2.5	5 4 3 2 0	5	
4	Growth in Sales over previous year % Average of three years to be worked out	More than 35% 20-35% 10-20% 5-10% >0 & < 5% <0 (negative)	5 4 3 2 1 0	5	
5	PROFIT BEFORE TAX Growth over previous year	More than 20% 10-20% 5-10% >0 & < 5% 0 or below	5 4 3 2 0	5	
6	Whether the bidder has been referred to BIFR/NCLT/any other similar Govt. Agency	Yes No	-5 0	0	
7	Whether the bidder is a potentially sick company	Yes No	-3 0	0	
	TOTAL SCORE			25	

a) The bidder has to submit financial accounts (audited, if applicable), for last four years (or from the date of incorporation whichever is less) as on tender due date to review the above data. In case the incorporation of vendor is less than 4 years, the evaluation of SI N. 1 ,4 and 5 of above will be done based on available information.

b) Net worth means the sum total of the paid up share capital and Free Reserves. Free reserve means all reserves credited out of the profits and share premium account but *does not include reserves credited out of the revaluation of the assets, write back of depreciation provision and amalgamation* . Further any debit balance of Profit and Loss account and miscellaneous expenses to the extent not adjusted or written off, if any, shall be reduced from reserves and surplus.

c) Other Income shall not be considered for arriving at Annual Turnover/Sales.

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B) The bidder also needs to qualify the following criteria:

Average annual financial turnover during the last 3 years, ending 31st March of the previous financial year, should not be less than the sum of Turnover required as per Annexure-I against the item(s) quoted by the bidder.

NOTES:

1.The Part A of financial pre-qualification of the foreign bidder (other than Indian Bidders) may also be evaluated on the basis of the report from a reputed third party business rating agency like Dun & Bradstreet, Credit reform etc. The foreign bidder is to submit the report from reputed third party.

2.The bidders, who are already registered with BHEL PEM, without any financial limit, need not submit Financial PQR. In case of limit, the registered bidder may submit the documents required for review of limit alone, if the bidder wants re-assessment of the limit. If the bidder gets registered in PEM before Part 2 opening of this tender, then the bidder shall be considered as qualifying FINANCIAL PQR for this tender based on registration in PEM.

3.For evaluation of foreign bidder, exchange rate (TT selling rate of SBI) as on scheduled date of tender opening (Part-I bid in case of two part bid) shall be considered.

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ANNEXURE-I

Sl. No.	ITEM DESCRIPTION	TURNOVER REQUIRED (IN RS.)
1	Insulation tester (Megger) 5 KV	55500
2	Insulation tester (Megger) 2.5KV	19800
3	Mega ohmmeter 10 kV	123100
4	Clip on ammeter AC	3500
5	Clip on ammeter DC	7700
6	DC Clamp on ammeter	3900
7	Digital ductor ohmmeter	61400
8	Analog Multimeters (AVO meters)	31400
9	Interfacial Tension Meter	108800
10	AC Milli-ammeter	44400
11	Substandard Frequency Meter	4200
12	Digital Time Counter	30200
13	HV discharge rods up to 39.5 kV	50100
14	HV discharge rods From 132 kV to 420 kV	101000
15	Portable Cable Core Identification Kit	75300
16	SF6 & Halogen Gas Detector	73000
17	Hydrogen Gas Detector	28900
18	Phase Sequence Indicator	12400
19	Portable Recording Meters	132000
20	Moving Iron Ammeters (0-5A range)	2400
21	Moving Iron Ammeters (0-100A range)	6900
22	Portable Selective Level Meter with Tracking level Generator and Impedance Return Loss Measurement	322400
23	Selective Level Oscillator	322400

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Sl. No.	ITEM DESCRIPTION	TURNOVER REQUIRED (IN RS.)
24	Precision Portable Digital Frequency meter	10600
25	Power Factor Meter	66100
26	Portable Capacitance Meter	1600
27	Vibration/ Sound Level Meter	
27.1	Vibration Level Meter	181600
27.2	Sound Level Meter	181600
28	Digital tachometer (Non-Contact type) Photo electric Optical	18300
29	Universal Bridge (LCR-Q-Bridge)	8000
30	Relay Repair Tool Kit	17900
31	Standard Current Transformer (50-1500A)	15800
32	Standard Current Transformer (10-100A)	12900
33	Standard Potential Transformer	14600
34	Primary Injection Set	118200
35	Automatic relay test set (portable type) [Relay Secondary Injection Testing Set(0-100A)]	14500
36	Automatic relay test set (portable type) [Relay Secondary Injection Testing Set (0-30A)]	7300
37	Circuit Breaker Analyser	288800
38	AutoTransformer (VARIAC) THREE PHASE	
38.1	4 Amps	22300
38.2	8 Amps	28900
38.3	28 Amps	56000
39	Dual Trace Portable Storage Oscilloscope with camera (and associated PC & software) (0-100kHz)	45900
40	Portable Moisture Meter	126200

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Sl. No.	ITEM DESCRIPTION	TURNOVER REQUIRED (IN RS.)
41	Insulation Tester (Megger) 500V	39600
42	Insulation Tester (Megger) 1000V	26400
43	Earth Resistance Testers (Four terminals)	69100
44	High Voltage Testing Kit 10KVA (AC)	420000
45	High Voltage Testing Kit 25KVA (AC)	210000
46	Clamp on Wattmeter	9300
47	DC Earth Fault Locator	254100
48	Vibration Meter Cum Analyser	129300
49	Portable digital Multimeters (True RMS type)	152100
50	Analogue Multimeter (Portable)	13100
51	Three Phase Sub Standard Wattmeter (Portable)	190000
52	DC Milli-ammeter	41900
53	DC Milli-Voltmeter	7800
54	DC Moving Coil Micro ammeter (0-300 Microamps)	5000
55	DC Moving Coil Milli ammeter (6-60 Milliamps)	5000
56	Digital Phase Angle (Power Factor) meter	520000
57	Platinum RTD Digital Temperature Indicator	18400
58	Portable Light Intensity Meter (Lux Meter)	3200
59	Battery Operated Insulation tester (Megger)	22900
60	Precision Manual Scanning Radio meter	157800
61	AC Voltage/ Current Standard	182700
62	AutoTransformer (VARIAC) SINGLE PHASE	
62.1	4 Amps	13200
62.2	8 Amps	13200

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Sl. No.	ITEM DESCRIPTION	TURNOVER REQUIRED (IN RS.)
62.3	28 Amps	20500
63	Cable Fault location set	37700
64	Partial Discharge Test set (contact loss) Portable type	575000
65	Thermal Image camera (portable)	198500
66	Variable Frequency Source	165000
67	Three Phase Shifter	25800
68	Special Equipment for lighting Arrestors (Both gapped & gap less)	226500
69	Dew Point Meter	46500
70	Vacuum Measurement Meter	96200
71	AC Milli-Voltmeter	5700
72	Kelvin Double Bridge	58500
73	Microprocessor based Automatic Pensky Martin Flash point apparatus	285000
74	Microprocessor based Gas Chromatograph and Data Station	660000
75	Microprocessor Based dielectric Strength Analyser	180000
76	Microprocessor based Coulometric Kurl Fischer Monitor Meter	180000
77	Microprocessor based Dielectric Constant & Tan Delta Meter	360000
78	Infrared Distance Temperature Indicator	120000
79	Acidity Test Set for Transformer Oil	345000
80	Buchholz relay Gas Analyser	43000
81	Buchholz relay Testing Kit	240000
82	Oil resistivity test kit	135000
83	Non Contact radiation pyrometer	105000
84	Digital Voltmeter	1600
85	Digital Frequency Meter	6400

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Sl. No.	ITEM DESCRIPTION	TURNOVER REQUIRED (IN RS.)
86	Tong Tester (Digital Clamp on ammeter and Voltmeter)	
86.1	10 μ A- 5A	85500
86.2	1A- 10A	45000
87	Cathode Ray Oscilloscope(Portable)	511500
88	Multichannel high speed Ultraviolet Oscillograph for testing of AVR's, ACB's	420000
89	Circuit breaker Contacts Resistance Measurement	84500
90	Non Magnetic Surveyors Umbrella	2100
91	Mercury in glass thermometer	1100
92	Rheostats	
92.1	2A/1000 ohm	6300
92.2	8A/200 ohm	7800
92.3	5A/100 ohm	7800
92.4	12A/18 ohm	2300
93	Shunts	
93.1	75A , 50mV	200
93.2	150A , 50mV	300
93.3	300A , 50mV	400
94	Loading Transformers	24000
95	Phase Shifting Transformers	45000
96	Portable Computerized combustible gas analyser	180000
97	Motor Checker	651300
98	DC variable power supply source	28500
99	Vacuum tester	116400
100	High Voltage Detector	5400

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Sl. No.	ITEM DESCRIPTION	TURNOVER REQUIRED (IN RS.)
101	Tool Kit for instrument mechanic	45000
102	Computerized relay test bench	509800
103	Decade resistance box (for testing & calibration of rotor E/F relay)	45000
104	Single phase transformer for checking of knee point voltage for CT	45000
105	Milli ohm meter (Suitable for measuring the winding resistance of generator, motor, Transformers)	36800
106	Harmonic Analyser	143600
107	HV DC test set (0-100kV DC)	249100
108	HV measuring probe (0-66kV)	75000
109	Telescopic earthing rod (Suitable for earthing the HV & EHV system)	21000
110	CT analyser test set (Portable) for measurement of Ratio, knee point, IR value and polarity	420000