

		<b>BHARAT HEAVY ELECTRICALS LIMITED, TIRUCHIRAPALLI</b>				
428/004; 01.02.2017		<b>OUTSOURCING</b>				
<b>Annexure A2 - 2026OSB001 - PQR for RS13</b>						
<b>Vendor Name, Address and Contact No.:</b>						
<b>Report of past experience in fabrication of Panels with attachment welding with IBR approval.</b>						
<b>Spot assessment date:</b>						
<b>Part-A (Mandatory)</b>						
SI No	Parameter for evaluation	Minimum required	As given by Firm	As observed in Audit	Remarks	Ok/Not Ok
	<b>LAND DETAILS :</b>					
1	Land area . (If land is taken under lease, registered lease deed for 3 yrs period is required)	0.5 Acre				
2	Covered Shed	10000 sq. ft				
	<b>EB POWER</b>					
3	Power capacity	100 HP				
	<b>HANDLING FACILITIES</b>					
4	Material handling crane capacity with stability certificate (A frame / EOT / Mobile crane)	5 MT				
	<b>SPECIFIC MACHINES :</b>					
5	Roto Blasting machine or equivalent	1 No				
6	Panel Forming Machine	1 No				
7	(SMAW)Welding M/c 400 Amps Inverter / Rectifier	4 Nos				
8	TIG welding machines for tube butt joints	2 Nos				
9	Tube boring and chamferring machine	4 Nos each				
10	Spectrotesting machine - Portable type	In-house or Outsourced				
11	Preheating/post heating - fuel & burner facilities	1 No. for each welding centre				
12	Heat treatment furnace with IBR approval & with valid calibration - Approximately 1m X 0.5m capability to handle length of 3.5m. Temperature range :600 -680 °C	Inhouse/Outsource ( Relavent IBR documents required.)				
13	Local SR facility with IBR approval & with valid calibration	Inhouse / Outsource				

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14	Hydro testing pumps - 350 Kg/Sq Cm with calibrated pressure gauges	1 No				
15	Firm approval by IBR for boiler pressure parts	Must be available				
16	Ball & Sponge Test Facility with compressor	1 No				
17	Spray painting facility or equivalent	1 No or Outsourced from BHEL approved source.				
18	D-Meter (for thickness checking)	1 No or Outsourced from BHEL approved source.				
19	Layout marking facilities.	1 No				
	<b>OVEN</b>					
22	Electrode Baking oven	1 No				
23	Electrode Holding oven	1 No				
24	Flask oven	3 Nos				
	<b>INSPECTION FACILITIES</b>					
25	LPI Kit	1 Set				
26	Level II LPI,MPI and UT,RT (if UT/RT is in house) qualified personnel with valid certificate	1 Person for each type.				
27	RT	In-house or Outsourced from IBR approved firms				
28	IBR qualified welders for AS	2 persons				
	<b>MEASURING INSTRUMENTS</b>					
29	Measuring tapes - 5m, 30m *	1 No each				
30	Vernier caliper - 150 mm	1 No				
31	Paint coating thickness meter	1 No or Outsourced from BHEL approved source.				
	<b>GRINDING MACHINES:</b>					
32	Tube cutting machine	1 No				
33	Grinding machines	3 Nos				
34	<b>PAN &amp; GST :</b>					
35	IT Pan Card No	Original to be offered for verification				
36	GST No	Original to be offered for verification				
	<b>OFFICE ROOM :</b>					
37	Office room with 2 PC / LAPTOP , internet facility and printer	Must				

Sl No	Parameter for evaluation	Minimum required	As given by Firm	As observed in Audit	Remarks	Ok/Not Ok				
<b>Part-B (Optional)</b>										
01	Gen. set	--								
02	Stenciling/Engraving/Dot punching facility	--								
03	Gang bending machine	--								
<b>NOTE_1:</b> <b>A. All Measuring instruments/gauges (Tapes - one time calibration) must have valid calibration certificate from any NABL accredited lab.</b> <b>B. For any outsourced facility mentioned as per checklist, earlier executed POs or valid agreement for facility tie-up must be produced</b>										
<b>Part-C: Final Recommendation (for BHEL use only)</b>										
Recommendation after checklist verification:										
Recommendation after spot assessment:										
Assessor.1-TCA (Spot assessment):			Assessor.2 - Co-assessor (Spot assessment):							
<b>Note_2:</b>										
01	Part-A requirement is a must for qualifying the vendor. Hence, filling up all evaluation parameters is a must and all mandatory facilities shall be available at vendor premises at the time of spot assessment									
02	Part-B is only optional and need not be considered for disqualifying the vendor.									