

**BHARAT HEAVY ELECTRICALS LIMITED, TIRUCHIRAPALLI****OUTSOURCING**

428/004; 01.02.2017

2026OSB068-Annexure-A [Pre Qualification Requirement for RS01 & RS02 (Floor & Cone Panel fabrication)]**Vendor Name, Address and Contact No.:****Report of Past Experience in the Fabrication of Pressure Part Components, Including Attachment Welding, with IBR Approval****Spot assessment date:****Part-A (Mandatory)**

SI No	Parameter for evaluation	Minimum required	As given by Firm	As observed in Audit	Remarks	Ok/Not Ok
	LAND DETAILS :					
1	Land area . (If land is taken under lease, registered lease deed for 3 yrs period is required)	0.5 Acres				
2	Covered Shed	3000 sq. ft				
	EB POWER					
3	Power capacity	100 HP				
	HANDLING FACILITIES					
4	Material handling crane capacity with stability certificate (A frame / EOT / Mobile crane)	10 MT				
	SPECIFIC MACHINES :					
5	Roto Blasting machine or equivalent	Inhouse/Outsource (If doing at Inhouse / Outsource, relevent IBR documents required.)				
8	(SMAW)Welding M/c 400 Amps Inverter / Rectifier	4 Nos				
10	Tube bending machine - capable of bending up to 50 mm dia tubes	1 No				
11	Tube boring and chamferring machine	4 Nos each				
12	Spectrotesting machine - Portable type	In-house or Outsourced				
13	Preheating/post heating - fuel & burner facilities	1 No. for each welding centre				

SI No	Parameter for evaluation	Minimum required	As given by Firm	As observed in Audit	Remarks	Ok/Not Ok
14	Heat treatment furnace with IBR approval & with valid calibration. Temperature range :600 -700 °C	Inhouse/Outsource (Relavent IBR documents required.)				
15	Local SR facility with IBR approval & with valid calibration	Inhouse / Outsource				
16	Hydro testing pumps - 550 Kg/Sq Cm with calibrated pressure gauges	1 No				
17	Firm approval by IBR for boiler pressure parts	Must be available				
18	Ball & Sponge Test Facility with compressor	1 No				
19	Spray painting facility or equivalent	1 No				
20	D-Meter (for thickness checking)	1 No or Outsourced from BHEL approved source.				
21	Layout marking facilities required	1 No				
	OVEN					
22	Electrode Baking oven	1 No				
23	Electrode Holding oven	1 No				
24	Flask oven	3 Nos				
	INSPECTION FACILITIES					
25	LPI Kit	1 Set				
26	Level II LPI qualified personnel with valid certificate	1 Person				
28	IBR qualified welders for AS	1 persons				
	MEASURING INSTRUMENTS					
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.				
	GRINDING MACHINES:					
32	Tube cutting machine	1 No				
33	Grinding machines	3 Nos				
34	PAN & GST :					

SI No	Parameter for evaluation	Minimum required	As given by Firm	As observed in Audit	Remarks	Ok/Not Ok				
35	IT Pan Card No	Original to be offered for verification								
36	GST No	Original to be offered for verification								
	OFFICE ROOM :									
37	Office room with 2 PC / LAPTOP , internet facility and printer	Must								
Part-B (Optional)										
01	Gen. set	--								
02	Stenciling/Engraving/Dot punching facility	--								
03	Gang bending machine	--								
NOTE_1: A. All Measuring instruments/gauges (Tapes - one time calibration) must have valid calibration certificate from any NABL accredited lab. B. For any outsourced facility mentioned as per checklist, earlier executed POs or valid agreement for facility tie-up must be produced										
Part-C: Final Recommendation (for BHEL use only)										
Recommendation after checklist verification:										
Recommendation after spot assessment:										
Assessor.1-TCA (Spot assessment):			Assessor.2 - Co-assessor (Spot assessment):							
Note_2:										
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.									