

		BHARAT HEAVY ELECTRICALS LIMITED, TIRUCHIRAPALLI				
		OUTSOURCING				
428/004; 01.02.2017		Annexure A1 - 2026OSB001 - PQR for RS01 to RS12				
Vendor Name, Address and Contact No.:						
Report of past experience in fabrication of Coils with 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 is required)	1 Acre				
2	Covered Shed	10000 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	SMAW Welding m/c	4 Nos				
6	TIG Welding m/c for tube butt joints	2 Nos				
7	Tube bending machine - capable of bending from 33.4mm to 63.5mm dia tubes.	1 no				
8	Tube boring and chamfering machine	2 Nos each				
9	Facility for sleeve/spacer tube machining.	Inhouse / Outsource				
10	Preheating/post heating set	2 Nos				
11	Local SR facility with IBR approval & with valid calibration	Inhouse / Outsource				
12	Heat treatment furnace with IBR approval & with valid calibration - Approximately 3.5m X 2m size and Furnace length will be checked based on length indicated for each RS as per Section IA. Temperature range : 600 -780 °C (for RS01 to RS12)	Inhouse/Outsource (If doing at Inhouse / Outsource, relevent IBR documents required.)				
13	Hydro testing pumps - 400 Kg/Sq Cm with calibrated pressure gauges	1 No				
14	Spectrotesting machine - Portable type	In-house or Outsourced				

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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 required (For loose bends)	1 No				
	OVEN					
20	Electrode Baking oven	1 No				
21	Electrode Holding oven	1 No				
22	Flask oven	3 Nos				
	INSPECTION FACILITIES					
23	LPI Kit	1 Set				
24	Level II LPI and MPI qualified personnel with valid certificate	1 Person for each type.				
25	Radio Graphy Test(RT)	In-house or Outsourced from IBR approved firms				
26	IBR qualified welders for CS/AS/SS (As per applicable RS)	2 person				
	MEASURING INSTRUMENTS					
27	Measuring tapes - 5m, 30m *	1 No each				
28	Vernier caliper - 150 mm	1 No				
	GRINDING MACHINES:					
29	Tube cutting machine	1 No				
30	Grinding machines	3 Nos				
	PAN & GST :					
31	IT Pan Card No	Original to be offered for verification				
32	GST No	Original to be offered for verification				
	OFFICE ROOM :					
33	Office room with 2 PC / LAPTOP , internet facility and printer	Must				
Part-B (Optional)						
01	Gen. set	--				
02	Stenciling/Engraving/Dot punching facility	--				

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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.					