

		BHARAT HEAVY ELECTRICALS LIMITED, TIRUCHIRAPALLI				
OUTSOURCING						
428/004; 01.02.2017		Pre Qualification Requirement (Fabrication of Coils and loose tubes) for RS01 to RS04				
Vendor Name, Address and Contact No.:						
Report of past experience (for RS03 & RS04 only) 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)	0.5 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)	5 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. (Except RS02)	1 no				
8	Tube boring and chamferring machine	2 Nos each				
9	Preheating/post heating set	2 Nos				
10	Local SR facility with IBR approval & with valid calibration	Inhouse / Outsource				
11	Heat treatment furnace with IBR approval & with valid calibration - Approximately 3m X 3m capability to handle length of 6m. Temperature range : 600 -780 °C (for RS01 to RS04)	Inhouse/Outsource (If doing at Inhouse / Outsource, relevent IBR documents required.)				
12	Heat treatment furnace with IBR approval & with valid calibration - Approximately 1.5m X 1.5m capability to handle length of 1.5m. Temperature range : 1040 -1070 °C (for RS04 only.)	Inhouse/Outsource (If doing at Inhouse / Outsource, relevent IBR documents required.)				
13	Hydro testing pumps - 350 Kg/Sq Cm with calibrated pressure gauges	1 No				
14	Spectrotesting machine - Portable type	In-house or Outsourced				
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	--				

NOTE\_1:

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:

01Part-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

02Part-B is only optional and need not be considered for disqualifying the vendor.

Page 1 of 1