

TENDER ENQUIRY 2026OSB060						
 BHARAT HEAVY ELECTRICALS LIMITED, TIRUCHIRAPPALLI OUTSOURCING ANNEXURE-A Pre-Qualification Requirements (PQR) for Coal Gasifier - CFBC Lines and Links -Fabrication						
Supplier Name:						
Office Address:						
Factory Address:						
Contact details (Email id & Phone Number):						
Prior Experience: The vendor shall provide EVIDENCE of previous successful completion experience in Vendor's SHOP fabricating Piping, Links, Headers/pressure vessels applicable to Utility/Industrial boilers in accordance with the Indian boiler regulations (IBR)/American Society of Mechanical Engineers (ASME) / Equivalent international codes.						
Part-A - (Mandatory)						
SI No	Paramter for evaluation	MINIMUM REQUIRED	Details of facility available with Supplier (Supplier to fill this column)	Actual Observed in Assessment (BHEL use)	Remarks (BHEL Use)	
	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 area - with concrete flooring	8000 sq.ft				
3	Fencing/compound wall	All around				
	EB POWER					
4	Power capacity	75 to 100 HP				
	HANDLING FACILITIES					
5	Material handling crane capacity with stability certificate (Mobile crane / A frame / EOT)	5 MT in a Bay (Mobile crane may be owned or under lease)				
	SPECIFIC MACHINES :					
6	Rectifier/inverter welding m/c for SMAW process	5 Nos				
7	TIG welding machines	2 Nos				
8	Tube boring and chamferring machine	1 No				
9	PMI (Spectrotesting machine/XRF analyzer with calibration) - portable type	Inhouse/outourced				
10	Preheating/post heating - fuel and burner facilities	Required. Details of available facilities to be furnished				
11	Heat treatment furnace with IBR approval & with valid calibration	Inhouse/Outsourced				
12	Mechanical Correction of Bow in a Link	Bow correction through mechanical means. Press is Preferred.				
13	IBR qualified welders. CS/AS	Personnel qualification mandatory for all welding processes in pressure parts				
14	Firm approval for boiler pressure parts by IBR	A MUST				
15	Pipe boring and chamferring machine	Facility to edge prepare pipes.				
16	Painting facility	Details of available facilities to be furnished				

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17	Stands and supporting stands	Details of available facilities to be furnished				
18	Positioner with V Block	Details of available facilities to be furnished				
19	Compressor for Test facility	1 No				
20	Temperature Control - Pyrometer / Heat spy/ Thermo chalk	1 set				
21	Tube & Pipe cutting machine (SAW cutting)	1 No				
	OVEN:					
22	Flux baking oven	1 Nos				
23	Electrode baking oven	1 No				
24	Electrode holding oven	1 No				
25	Flask Oven	5 Nos				
	INSPECTION FACILITIES					
26	MPI Unit	1 No				
27	LPI Kit	1 Set				
28	Qualified NDE personnel - Level - II for PT, MT, UT & RT	1 person for each category				
29	NDE facility for UT & RT with Own/BHEL approved facility.	Inhouse/outsourced (IBR approval is mandatory for the testing facility)				
30	Boroscope for inside inspection	1 No.				
	MEASURING INSTRUMENTS					
31	Measuring tape 5m,30m *	1 No each				
32	Vernier caliper - 300 mm	1 No				
33	Paint coating thickness meter	1 No				
34	D meter (for thickness checking)	1 No				
35	Hardness tester	1 No				
	GRINDING & DRILLING MACHINES:					
36	Grinding M/Cs (AG 7 & AG 5)	5 Nos each				
37	Radial drilling Machine	1 No.				
	PAN & GST :					
38	IT Pan Card No	Original to be offered for verification				
39	GST No	Original to be offered for verification				
	OFFICE ROOM :					
40	Office room with 2 PC/ Laptop, internet facility.					

NOTE_1:
* Tapes upto 5 m - Class II accuracy, above 5 m - Class I accuracy
A. Items in SI No. 11, 22 to 25, 31-35 (Tapes - one time calibration) must have valid calibration certificate from any NABL accredited lab.
B. For SI No. 33-34 valid agreement for facility tie-up must be produced.
C. For mobile cranes under lease, valid lease document must be produced at the time of spot assessment.

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Part - B (Optional)						
1	Tube bending machine - capable of bending 76.1 mm dia tubes	1 No				
2	Standby Generator	--				
3	Stenciling/Engraving/Dot punching facility	--				
Part-C: Final Recommendation (for BHEL use only)						
Recommendation after checklist verification:						
Date of spot assessment:						
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 the time of spot assessment					
02	Part-B is only optional and need not be considered for disqualifying the vendor.					