

BHARAT HEAVY ELECTRICALS LIMITED

INDUSTRIAL VALVES PLANT
433, INDUSTRIAL COMPLEX
GOINDWAL SAHIB
DISTT. TARN TARAN- PUNJAB
SUB-CONTRACTING DEPT

No.
BHE:IVP:SC:EOI:CCA:
2324:01
Dated
22.06.2023

NOTICE INVITING **EXPRESSION OF INTEREST** FOR METAL PRESS WORK AND STAINLESS-STEEL PLATE CUTTING & BENDING

BHARAT HEAVY ELECTRICALS LIMITED [BHEL] is manufacturing Industrial Valves and other Boiler accessories at its Industrial Valves Plant, Goindwal Sahib unit.

There is requirement of metal press work and stainless-steel plate cutting (Profile) & bending for some components of Coal Compartment Assembly. The Approx. value of annual procurement shall be Rs 8.00 Lakh

BHEL seeks expression of Interest for "<u>metal press work and stainless-steel plate cutting & bending</u>", from suppliers who are having facility for metal press work and stainless-steel plate cutting & bending of following thicknesses:

Plate Thickness	Purpose/Desired Work	Size of plate likely to be issued	
6 mm	Cutting + Bending	1250 MM x 3250 MM	
10 mm	Cutting + Bending	1250 MM x 3250 MM	
12 mm	Cutting	1250 MM x 3250 MM	
25 mm	Cutting	1250 MM x 3250 MM	

Sample drawings are enclosed with this EOI.

Interested sources shall furnish the required details as per Annexure - I

For any clarification vendors may visit to our plant on any working day from Monday to Saturday between 0900 Hrs to 1700 Hrs and contact undersigned regarding:

Vendor registration form/procedure	Items details and requirement	
Gopal Singh Sr Manager(Sub-Cont)	Manoj Kumar Manager(Sub-Cont)	
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a. Equipment set up required - Following machines shall be available with the vendor

	Process/ Equipment Setup	In house/ Outsourced	Make		Stainless steel plate thickness
1.	Profile Cutting (Vendor to ensure availability of at least one machine among the following)			Bed Size (M X M)	
a)	Plasma Cutting machine				
b)	Laser Cutting Machine				
c)	Water Jet Cutting				
2.	Bending Machine (Vendor to ensure availability of availability or tie-up one machine among the following)			Capacity - Tons	
a)	Bending Machine				
b)	CNC Bending machine				

Vendor should be equipped for handling and lifting of plates.

Dimensions of plate likely to be issued: 1250 MM X 3250 MM, Thickness – 6 mm, 10mm, 12mm & 25 mm. Weight – Upto 1 ton

- b. Experience Details BHEL may evolve its own criteria to gauge the technical suitability of the vendor e.g. Vendor may provide copies of purchase orders executed in last three years/certificate for successful completion of job from the concerned customer.
- c. Cutting Plan/Nesting Vendor to arrange for necessary software for generation of CAD drawing/nesting plan.
- d. Scrap Generated Based upon the amount of Scrap generation, one of the following two routes to be finalised
 - Retention of Stainless-Steel Scrap by Vendor
 - Scrap to be returned by Vendor along with the finished component.
- e. Delivery Schedule Following activities shall be involved
 - i. Lifting of Material from BHEL
 - ii. Generation of component wise CAD drawing from pdf drawing
 - iii. Generation of cutting plan/Nesting from the component wise CAD drawing
 - iv. Manufacturing of Dies for bending of components to the specifications.
 - v. Cutting of SS Plate
 - vi. Bending of Plate
 - vii. Inspection of finished components
 - viii. Returning the finished components to BHEL

Vendor to indicate the timeline required for completion of the job work taking into consideration the above activities.





