



BHARAT HEAVY ELECTRICALS LIMITED
(A Govt. Of India Undertaking)
TIRUCHIRAPALLI – 620 014
MODERNISATION DEPARTMENT

EXPRESSION OF INTEREST (EOI)

Name of the Scheme: Capacity Augmentation – SSTP

Area of Modernisation: Seamless Steel Tube Plant, BHEL, Tiruchirapalli.

Expression of Interest sought for: Detailed Engineering, Manufacturing & supply of Auxiliaries for the Main Equipment.

This request for Expression of Interest follows Modernisation Proposal and Ordering of Cross Piercing & Elongation Mill at Hot Mill, Seamless Steel Tube Plant, BHEL, Trichy

Bharat Heavy Electricals Limited, Tiruchirapalli, is currently engaged in the process of Capacity Augmentation of several of its Plants, manufacturing High Pressure Boiler Components. One among these Capacity augmentation schemes is, Modernisation of the Hot Mill of the Seamless Steel Tube Plant, located at Tiruchirapalli, Tamilnadu.

The objective of seeking the Expression of Interest, is to shortlist the potential vendors who would be capable of doing Detailed Engineering, manufacturing and supplying the required auxiliaries (listed below) for the Main Equipment.

BHEL, Tiruchirapalli, invites vendors to indicate their interest in meeting the subject requirement as “Expression of Interest” and hence the interested vendors are requested to submit the following information (as required in Section - I & Section – II), to register their interest in participating the forthcoming Tendering Processes for Detailed Engineering, Manufacturing and supplying the Auxiliaries of the Main Equipment.

The Expression of Interest must be delivered by Speed Post to the following address, **on or before 10.10.2010:**

Addl.General Manager,Capital Equipment
Materials Management
Bharat Heavy Electricals Limited,
Tiruchirapalli- 620 014

**QUALIFYING CRITERIA FOR THE DESIGN, MANUFACTURE & SUPPLY OF
AUXILIARY EQUIPMENT FOR SEAMLESS TUBE MILL**

Qty: 1 Set

SECTION - I

The BIDDER / VENDOR has to compulsorily meet the following requirements to get qualified for submitting an offer for the auxiliary equipments.

Sl. No.	REQUIREMENTS	VENDOR's COMMENTS / ATTACHMENT REFERENCE
1.0	The vendor shall have a minimum of TWO Years of Continuous Experience (prior to the date of tender opening) in the Design, Manufacture & Supply of Auxiliary equipment for seamless tube mill / steel mill. Kindly indicate the actual experience.	
	(A) Design and manufacturing of material handling/conveying and auxiliary equipments for seamless steel tube mill / steel mill	
2.0	The vendor shall have supplied at least one number of Auxiliary equipment for seamless tube mill / steel mill or similar continuous process plants in the last Five (5) years (prior to the date of tender opening). Kindly indicate the number of such equipments supplied in the last two years with name of equipment and purpose.	
3.0	The vendor shall have 'in-house' Engineering / Design facility.	
4.0	The vendor shall have 'in-house' or 'self-owned' facility for manufacture.	
5.0	Vendor shall provide detail of Ownership and the Organisational structure of the company	
6.0	Vendor shall provide detail of Technical & Managerial capabilities to handle such projects	

7.0	Reference List of Customers	
8.0	Performance Certificates from CUSTOMER(S) with full contact details of CONTACT PERSON for the supply indicated in Sl.No.2 above.	
9.0	The vendor should have sound financial position and should furnish the Finance Statements (Summary of P & L Statement and Balance Sheet) for the immediate past three years.	
10.0	For the purpose of short listing by BHEL, during the process of vendor assessment, the vendor has to co-ordinate for the visit of Assessing Team, to the WORKS of the vendor. Vendor to indicate acceptance.	
11.0	BHEL reserves the right to verify the information provided by vendor. In case, the information provided by vendor is found to be false/ incorrect, the Expression of Interest shall be rejected.	
12.0	DELIVERY - Vendors should be able to Design, manufacture and supply within a maximum of one year period , from the date of Purchase Order based on Basic Engineering/Basic Data for the items, which will be provided by BHEL as the case may be. Vendor to indicate acceptance.	
13.0	BHEL reserves the right to split the list of items into several Tenders among the Bidders to meet the Project completion schedule. Hence it may be noted that the list of auxiliaries given below may not be tendered as a single package. Vendor to indicate acceptance.	

SECTION – II

The vendor has to necessarily provide the following details, for making an assessment of the firm's capability and competency:

Sl. No.	PARTICULARS	VENDOR's RESPONSE
14.0	Number of Years of Experience of the vendor in the field of manufacturing and supplying Auxiliary equipment for seamless tube mill / steel mill or similar application.	
15.0	Number of Auxiliary equipment supplied, erected & commissioned for seamless tube mill / steel mill or similar application.	
16.0	Details of International standards / Codes followed in Design of the Equipment (Including analysis, methodology and verification of design and validation of design).	
17.0	Details of manufacturing facilities (capacity and quantity) for machining, forming, welding , heat treatment etc.	
18.0	The Areas of Sub-Contracting Works and the Percentage of Sub-Contracting Works.	
19.0	Any Additional Data to supplement the manufacturing capability of the vendor and ability to ensure operating of products.	

The vendor is required to confirm that they have not been black listed by the Govt.of India companies / PSUs.

Vendors with demonstrated experience and excellent track record in similar assignments will only be considered for the Short List.

It may please be noted that this is not a request for offers. From the Expression of Interests, received against this request, a short list will be prepared and those listed vendors will only be invited to submit their offers against Notice Inviting Tenders/Enquiries at a later date.

Interested vendors may obtain further information, if any, at the address given below on any working day. Also, against prior permission, they may visit the Plant for obtaining physical visualisation of the requirement.

Addl.General Manager,Capital Equipment
Materials Management
Bharat Heavy Electricals Limited,
Tiruchirapalli- 620 014

Phone No.: 0431 – 2577053, 2577049 :: E-mail: rprabhu@bheltry.co.in

Scope of work

Design, Engineering, Manufacturing and supplying the Auxiliaries for the Main Equipment, based on the basic engineering / basic data provided by BHEL.

List of Auxiliaries required for the Main Equipment:

Sl.No.	Item Description
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| 1 | Skid to conveyors |
| 2 | Roller Conveyors |
| 3 | Billet Transport Systems (to & from Furnace) |
| 4 | Kick-in & Kick-out devices |
| 5 | Roller Tables /Skids |
| 6 | Trough Sections made of cast steel |
| 7 | Welded support frames for the trough |
| 8 | Piercing Mill Stand |
| 9 | Lifting devices for the overhead crane |
| 10 | Base Frames for Roll Motors and Gear units |
| 11 | Base frames for three roll steadiers & pinch roll unit |
| 12 | Stripper Bushes |
| 13 | Shell kick-out arms , hyd. actuated |
| 14 | Plug Bars, Piercer Plugs and Stripper Plates |
| 15 | Chain Type Cross Transfer |
| 16 | Hollow Billet manipulator |
| 17 | Power supply via Power Track |
| 18 | Supporting Steel structure |
| 19 | On-stands piping |
| 20 | Support structures with v-blocks (for shells) |
| 21 | Mandrel Bar guide& guide rollers |
| 22 | Shell / Tube Stacking structure |
| 23 | Hold Down Devices |
| 24 | SRM-Stand changing car |
| 25 | Tube collecting & transfer equipment up to 65 m length |