



**BHARAT HEAVY ELECTRICALS LIMITED**  
**TIRUCHIRAPPALLI – 620014, TAMILNADU**  
**OUTSOURCING DEPARTMENT**

## **EXPRESSION OF INTEREST (EOI)**

(Ref No: BHEL/TRY/OS/EOI/PP/002) Dated: 21.05.2026

FOR

"Fabrication & Supply of COILS (PRESSURE PARTS)"

Issued by:

Outsourcing Department, Bharat Heavy Electricals Limited, Trichy, TamilNadu-620014, INDIA

Registered office at

Bharat Heavy Electricals Limited, having registered office at BHEL House, Siri Fort New Delhi-110049 (Hereinafter referred to as 'BHEL')



**BHARAT HEAVY ELECTRICALS LIMITED**  
**TIRUCHIRAPPALLI – 620014, TAMILNADU**  
**OUTSOURCING DEPARTMENT**

**INTRODUCTION**

This Expression of Interest (EOI) seeks response from Vendors who are capable of **Fabrication & Supply of COILS** which is a Pressure Part Item required in a Thermal Power Plant (Super Critical Boilers & Sub Critical Boilers).

Raw material procurement shall be in Vendor's Scope or Raw material shall be issued by BHEL as Free Issue of Material (FIM).

For more details, kindly refer attached **Annexure A**.

**INSTRUCTION TO APPLICANTS**

Prospective Partner / Respondent may submit their application by submission of **Annexure B** (along with supporting documents with respect to Monthly Fabrication Capacity and Experience) to the following contact detail via E-mail / Speed Post:

**Mr. Chitrlekha C / Manager / Contracts Section**

1<sup>st</sup> Floor, Building No. 53, Outsourcing Department

HPBP | BHEL | Tiruchirappalli – 620 014

Ph. No: 0431 – 257 7031 | 4617 | 4260

**Email:** chitrlekha@bhel.in | ashishkg@bhel.in | mvlakshmi@bhel.in

The details submitted by the applicant(s) shall be complete in all respects and BHEL may seek clarifications/additional information as considered necessary.

**Last Date for submission of EOI: 30-MAY-2026**



**BHARAT HEAVY ELECTRICALS LIMITED**  
**TIRUCHIRAPPALLI – 620014, TAMILNADU**  
**OUTSOURCING DEPARTMENT**

## Annexure – A

BHEL, Tiruchirappalli invites **Expression of Interest (EOI)** from Vendors for fabrication & Supply of **COILS (Pressure Part Items)** with **Vendor's Material / BHEL's Material (FIM)**. **The Vendor is expected to deliver 200 ~ 500 MT/Month** for the below mentioned products. The brief description is as follows:

<b>Product</b>	COILS (Pressure Part Item) required for 660/800 MW Thermal Power Plant (Coal Based)			
<b>MAXIMUM WEIGHT &amp; SIZES OF COILS</b>				
<b>PRODUCT</b>	<b>Unit Weight - (In MT)</b>	<b>L (mm)</b>	<b>B (mm)</b>	<b>H (mm)</b>
GR91 Coils	2	21,000	3,500	500
SS Coils	2.5	21,000	2,700	300
Alloy Steel Coils (T11, T12 & T22)	2.5	19,500	3,500	400
GrC Coils	6.5	15,700	200	3,310
<b>MINIMUM WEIGHT &amp; SIZES OF COILS</b>				
<b>PRODUCT</b>	<b>Unit Weight - (In MT)</b>	<b>L (mm)</b>	<b>B (mm)</b>	<b>H (mm)</b>
GR91 Coils	0.2	16,000	2,000	100
SS Coils	0.2	14,960	260	150
Alloy Steel Coils (T11, T12 & T22)	0.7	15,700	1,200	200
GrC Coils	6	15,700	200	3,310
<b>Raw Material:</b>	<ul style="list-style-type: none"><li>• Alloy Steel/ SS/ GrC –Tubes</li><li>• Plate</li><li>• SS Sheet</li><li>• Connectors</li></ul>			
<b>Major Processes involved</b>	<ul style="list-style-type: none"><li>• Preparation of Tubes (Cutting/Chamfering of Tubes &amp; Tube to Tube Butt Joints)</li><li>• Tube Bending as per relevant circuit drawing</li><li>• Intermesh all circuits to form layers of the coil</li><li>• Welding of Attachments on the Coils as applicable.</li><li>• Stress Relieving/ Heat Treatment.</li><li>• Hydro Test</li><li>• Painting of the Coils.</li></ul>			
<b>Handling requirements (Cranes)</b>	Up to 10 MT			
<b>Projected Quantum</b>	<b>Total Quantum Per Annum: 16000 MT (Approximately)</b>			
	<b>PRODUCT</b>	<b>Approx.Weight - (In MT)</b>		
	GR91 Coils	2300		
	SS Coils	3880		
	Alloy Steel Coils (T11, T12 & T22)	3872		
	GrC Coils	5188		
	<b>TOTAL</b>	<b>15240</b>		



**BHARAT HEAVY ELECTRICALS LIMITED**  
**TIRUCHIRAPPALLI – 620014, TAMILNADU**  
**OUTSOURCING DEPARTMENT**

<b>Type of Vendor</b>	Class I (Local Content $\geq 50\%$ ) or Class II Local Supplier ( $20\% \leq$ Local Content $< 50\%$ )
<b>Brief Scope of Work by Vendor shall be as follows:</b> <ul style="list-style-type: none"><li>• Procurement of Raw materials such as Tubes, Plates etc from BHEL's approved sources or Raw material shall be issued by BHEL as Free Issue of Material (FIM).</li><li>• Fabrication of COILS (Pressure Part Item) as per BHEL's approved Drawings, Quality Work Instructions (QWIs), Technical Specification(s)</li><li>• Stress Relieving/ Heat Treatment/Hydro Test</li><li>• Painting of items as per relevant Painting Scheme &amp;</li><li>• Transportation of Finished goods to respective Project site located within India.</li></ul>	

**For any clarifications, kindly contact:**

Manager / Contracts / OS

1<sup>st</sup> Floor, Building No. 53, Outsourcing Department | HPBP| BHEL | Tiruchirappalli – 620 014

Ph. No: 0431 – 257 4617 | 7031 | 4260

**Email:** [ashishkg@bhel.in](mailto:ashishkg@bhel.in) | [chitrlekha@bhel.in](mailto:chitrlekha@bhel.in) | [mvlakshmi@bhel.in](mailto:mvlakshmi@bhel.in)



**BHARAT HEAVY ELECTRICALS LIMITED**  
**TIRUCHIRAPPALLI – 620014, TAMILNADU**  
**OUTSOURCING DEPARTMENT**

**Annexure-B [Details required from Vendors]**

S#	Details	Supplier's Response		
1	Name of the Firm / Company			
2	Registered Works' Address			
3	PAN of the Firm / Company			
4	Details of Contact Person	Name: Designation: Mobile No.: E- Mail:		
5	Type of Ownership (Tick the applicable one)	Proprietorship / Partnership / Limited		
6	Product Manufactured / Area of Business (Tick the applicable one)	<b>Product</b>	<b>Years of experience</b>	<b>Monthly capacity (In MT per Month)</b>
		GR91 Coils		
		SS Coils		
		Alloy Steel Coils (T11, T12 & T22)		
		GrC Coils		
7	Vendor's IBR approval	Available / Not Available		
8	Past experience details in Fabrication of Coils with attachment welding with IBR approval			
9	List of Machineries available for Fabrication of <b>COILS (Pressure Parts)</b>			



**BHARAT HEAVY ELECTRICALS LIMITED**  
**TIRUCHIRAPPALLI – 620014, TAMILNADU**  
**OUTSOURCING DEPARTMENT**

S#	Details	Supplier's Response
10	Year of commencement of Business	
11	MSME Category (Tick the applicable one)  Type of Vendor (Tick the applicable one)	Micro / Small / Medium / Non-MSME  Class I Local Supplier / Class II Local Supplier (In case of Class II Local Supplier, kindly indicate the place(s) from where sourcing will be done.)
12	Approx. Land area of Works Address (in acres)	
13	Approximate Sales made in the last year (Rs. Lakhs)	
14	Profit Before Tax (PBT) (in Rs. Lakhs)	
15	Certification available (tick the applicable one)	ISO 9001 / ISO 14000 / ISO 18000
16	If already Registered with any other BHEL units	BHEL Unit Name: Supplier Code: Approved Product(s):
17	Any Feedback / Suggestion	
18	Any Deviation from above requirement	