



Bharat Heavy Electricals Limited

(Seamless steel Tube Plant)

Tiruchirappalli – 620014, TAMIL NADU, INDIA

TITLE: SUPPLY OF Cooling Tower	Phone: +91 431 257 8480 Email : neerajxalxo@bheltry.co.in Web : www.bhel.com
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Reference Number: 9240973 E	Date: 14.10.2014	Due date for submission of application: 04.11.2014
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A. BHEL/SSTP, Trichy is looking for vendors to supply Bearings as per Tender documents attached.

B. Important Note to New Vendors (Thro' web Viewers and who have not received this tender directly)

The new vendors will be required to furnish the following documentary proof/ information along with their offers:

1. Certificate of registration (copy of certificate to be submitted).
2. Banker's information (copy of bank pass book first page to be submitted).
3. MSME vendor certificate (if applicable).
4. Address of your organization (complete postal address with PINCODE).
5. Contact person's Phone No. /Mobile No. / FAX No. /E-mail ID.
6. Statutory documents – VAT / TIN / EXCISE REGISTRATION / CST REGN / SERVICE TAX REGISTRATION etc. (copy to be furnished)
7. NSIC/SSI Certificate (if applicable)
8. ISO Certificate (if applicable)
9. Experience certificate as proof of supply of similar items to any Govt. agencies / PSU- Organisations (copy of PO's to be furnished).
"Those vendors who have enclosed the proof in Technical Bid for 3 years experience in design, manufacture, supply, erection & commissioning of similar type of cooling towers as mentioned in annexure of the technical specification and and as per the given dimensions in our enquiries are technically qualified for this tenders /or otherwise they will be technically rejected".
10. Audit Report/ IT Return (if applicable)
11. Agency agreement with manufacturer (if applicable)
12. Partnership Deed (if applicable).

If the new vendors fail to submit the above documentary proof/information, their offers will not be considered for this enquiry.

Purchase Officer / Purchase /SSTP

Phone: 0431-257 8440.

Mail: neerajxalxo@bheltry.co.in

 BHARAT HEAVY ELECTRICALS LIMITED (A GOVERNMENT OF INDIA UNDERTAKING) SEAMLESS STEEL TUBE PLANT TIRUCHIRAPALLI - 620 014. TAMILNADU (INDIA)	PHONE : 0431-2578480/8491 : 0431-2578406/8419 : 0431-2578568 FAX : 0431-2576828	TIN : 33243560005 CST. No. : 239383 Dated : 11.06.1991	Corp. Identity No: L74899DL1964GOI004281
	PURCHASE ENQUIRY		

VENDOR CODE 23048	ENQUIRY NUMBER 9240973E	ENQUIRY DATE 14/10/2014	ENQUIRY DUE DATE 04/11/2014	No. OF ITEMS 01
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Office Copy

IMPORTANT POINTS :

1. Tender Closing Time : 14.00 Hrs.
2. Tender Opening Time : 15.00 Hrs.
3. Tender should be submitted in a sealed cover, duly indicating enquiry No. Enquiry date & Enquiry Due Date on the cover.
4. Offer(s) received through Courier Services after 14.00 Hrs. on Enquiry Due Date will not be considered.
5. Late Tender(s) is/are liable for rejection.
6. Offer(s) shall be valid for 60 days from Enquiry Due Date.
7. Offer(s) in Vendor's Letter head shall contain.
 - a. Offer No. and Date
 - b. Delivery Period
 - c. Delivery Terms
 - d. Payment Terms
 - e. Excise Duty with Tariff Heading Sales Tax (against form-XVII/Form-C). etc.
 - f. Excise Regn. No. and SSI Regn. No.

Kindly arrange to submit your COMPETITIVE OFFER for the following item(s)
 If you are not in a position to submit your Offer, kindly arrange to send your REGRET LETTER.

THIS IS ONLY A REQUEST FOR OFFER AND NOT AN ORDER

No.	BHEL Material Code and Description	Unit	Requirement		
			Quantity	Delivery	
01	BHEL Material Code : SP9012499100 ----- COOLING TOWER FOR NEW 7.5 T T91 FURNACE COOLING TOWER FOR CLOSED CIRCUIT WATER COOLING SCOPE:DESIGN,MANUFACTURE, TEST,SUPPLY,ERECTION AND COMMISSIONING TECHNICAL DELIVERY CONDITION IS ENCLOSED IN ANNEXURE-I THE SUPPLIER SHOULD SUBMIT HEAT TRANSFER CALCULATION IN CASE OF ORDER, THIS CALCULATION HAS TO BE APPROVED BY SSTP BEFORE STARTING MANUFACTURE.	Nos.	01	2.000	04/02/2015
Foot Note :: ----- 1. This Tender is floated on TWO-BID basis. 2. Following details are enclosed. a. Annexure-A - Important Note to Tenderers. Tenderers are requested to submit their Offers in TWO-BID basis, viz., I. Part I .. Technical and Un-Priced Commercial Bid II. Part II .. Price Bid b. Annexure-B - Technical Conditions c. Annexure-C - Commercial Conditions 3. Tenderers are required to fill in above Annexure-B and C and enclose them along with their UN-PRICED BID. 4.a. Delivery date furnished in the Enquiry is only indicative. 4.b. For Delivery Schedule - Pl. refer Clause No. C.4 of Annexure- C. 5. Price Bid of Vendors, who accept the Clause No. B.1 to B.5 of Annexure-B & C.1 to C.5 of Annexure- C. shall only be considered for further processing. Fill the Annexure-B & C and enclose it with Technical and Un-Priced Commercial Bid. 6. Annexure-D Note to MSE Vendors enclosed. Send your MSE Certificate accordingly. 7. We highlight Clause Nos. 6 and 7 (LD and Risk Purchase) of Enquiry Terms and Conditions, printed overleaf.					

IMPORTANT NOTE :

Delivery Terms : "Free Delivery at BHEL-SSTP STORES" is preferable.
 Payment Terms : 100% payment after 45 days after receipt and acceptance of materials by BHEL.
 Terms and Conditions of Tender : Please see reverse.
 The Technical Requirements/Specification Details/Quality Requirements/Commercial Terms & Conditions are clearly furnished in the Tender. If Deviation(s) is/are not explicitly brought out in the Offer, it will be construed that the Tenderer is complying with the requirement of BHEL in full without any deviation(s).

For and on behalf of
BHARAT HEAVY ELECTRICALS LTD.


PURCHASE EXECUTIVE

COLD MILL MECH MTCE

ANNEXURE FOR FRP COOLING TOWER 7.5 TON T91 FURNACE

Sl.No. Description

1. Type	Induced draft counter flow
2. No. of cell	1
3. <u>Duty condition:-</u>	
a) Circulating water	200 m ³ / hr
b) HWT/CWT/WBT	42 /30/26°C
4. <u>Mechanical Equipment Data</u>	
a) Motor HP/RPM	10 / 720
b) Motor	IP 55, Class "F" insulation, totally enclosed Fin cooling, flange mounted, 3 phase
c) Fan dia / RPM	1900 mm / 715
d) Type	Axial flow adjustable pitch 6bladed, FRP fan
5. Heat transfer area	36,450 sq.ft
6. Heat Dissipation	13, 75, 000 K.cal / hr
7. Overall Tower size (L x B x H)	12½' x 12½' x 11½'
8. Evaporation Losses	0.8% of circulating water
9. Drift Losses	0.5% of circulating water
10. Dry weight	6400 kg
11. Operating weight	9000 kg
12. <u>Material of construction:-</u>	
a) Shell	FRP
b) Supporting structure, Header Pipe & Fan Hub	HDG Steel
c) Internal Fill	PVC Honey Comb.
d) Drift Eliminator	PV C Double Pass
e) Fills & D.E. Support	S.S Mesh.
f) Fan Blade	FRP energy efficient hollow blade
g) Nozzle	Polypropylene
h) Hardware	SS-304 & HDG steel
i) Fan Guard	SS-304
j) Ladder	M.S Epoxy coated
k) Motor	Hindustan make
l) Colour of the tower	Blue
m) Basin	RCC – by SSTP/BHEL


06/10/07

A. KARUPPIAH
SR. MANAGER
Cold Mill Mech. Maintenance
SSTP BHEL, TRICHY - 14.

IMPORTANT NOTE TO TENDERERS
(FOR INDIGENOUS & OVERSEAS SUPPLIERS)

This Tender is floated on TWO-BID System. Tenders are requested to submit their offers in TWO-BIDS (Part I: Un priced bid and Part II: Price Bid) separately in a sealed cover as follows.

1. **Part I: UN PRICED BID:** (Complete with technical & Commercial conditions as per enquiry including un priced copy of price schedule i.e. identical to part II with prices blanked and replaced by "Quoted").

The Tenderer should confirm their acceptance / comments to the Enquiry along with other commercial Terms & Conditions of the Tender. In case any deviation is taken by the Tenderer from the Tender requirements, it is to be clearly indicated in the offer with reference to the particular clause. If such deviations are not explicitly indicated in the offer, it will be construed by BHEL that the Tenderer is complying with Annexure Clause(s), Commercial terms & conditions and other conditions in full.

2. **Part II: PRICE BID:** Price (with break-up details wherever required) to be indicated.
3. **Both Un priced Bid and Price Bid is** to be submitted in a single envelop before 1400 hours (Indian Time) on tender Due Date.
4. The **Unpriced Bid** shall be put in a separate sealed cover superscribed with Tender number, Tender Date & Tender Due Date and also the cover should be clearly marked with "UNPRICED BID".
5. The **Price Bid** shall be put in a separate sealed cover superscribed with Tender number, Tender Date & Tender Due Date & the cover should be clearly marked with "PRICE BID".
6. Both the individually enveloped **UNPRICED BID** and **PRICE BID** covers as mentioned above, have to be put in another single bigger cover clearly indicating Tender number, Tender Date & Tender Due Date at the top of the cover.
This cover is to be addressed to

Purchase Executive,
Purchase Department,
Seamless Steel Tube Plant (SSTP),
BHEL, Tiruchirapalli-620014, India.
Phone No: 91 431 2578502, 2578491

7. Unpriced Bid shall only be opened on the Tender Due Date mentioned in the Tender, in the presence of Tenderers / their Authorized Representative, who may like to be present for such opening. The price bid will NOT be opened on the date of tender opening.
8. After opening the Unpriced Bid, they shall be evaluated by BHEL for their suitability. BHEL shall hold discussions with the responded Tenderers on the Technical and Commercial terms and freeze the terms & conditions of the offer.. These frozen technical specifications will be communicated to responded tenderers.
9. BHEL shall offer opportunity to the responded and technically / commercially suitable Tenderers, to submit their latest Price Bid/ Impact of prices, if any in line with the frozen technical, Commercial, delivery conditions.
10. This latest Price Bid & the Impact of prices for the frozen technical specifications submitted by the Tenderers will be opened in the presence of Tenderers. Based on the above, the ranking of the Tenderers shall be made and accordingly the Tender shall be finalized.

Important Note to MSE Vendors

1. 20% of the tendered quantity is earmarked for MSE suppliers in this tender.
2. Out of the 20% tendered quantity reserved for MSE suppliers, 4% shall be earmarked for procurement from MSE owned by SC / ST entrepreneurs.
3. In case MSE vendor participating in the tender quotes within the price band of L1 + 15%, they will be allowed to supply the portion of the requirement subject to acceptance of L1 price by MSE vendor. In case of more than one such MSE, the supply shall be shared proportionately.
4. MSE suppliers can avail the intended benefits only if they submit along with offer, attested copies of either EM II certificate having deemed validity (Five years from the date of issue of acknowledgement in EM II) or valid NSIC certificate or EM II certificate along with CA certificate (Format enclosed) applicable for the year, certifying quantum of investment in plant and machinery within the permissible limit as per the act for relevant status (Micro or small) where the deemed validity of EM II is over. Date to be reckoned for determining the deemed validity will be the last date of technical bid submission. Non submission of such documents will lead to consideration of their bids at par with other bidders and MSE status of such suppliers shall be shifted to Non MSE supplier till the supplier submits these documents.

Certificate by Chartered Accountant

This is to Certify that M/S
(hereinafter referred to as 'company') having its registered office at
..... is registered under MSMED Act 2006, (Entrepreneur
MeMemorandum No (Part—II).....dtd:.....,
Category:..... (Micro/Small)). (Copy enclosed).

Further verified from the Books of Accounts that the investment of the company as on
date as per MSMED Act 2006 is as follows:

1. For Manufacturing Enterprises: Investment in plant and machinery (i.e. original cost excluding land and building and the items specified by the Ministry of Small Scale Industries vide its notification No.5.0.1722(E) dated October 5, 2006:

Rs. Lacs

2. For Service Enterprises: Investment in equipment (original cost excluding land and building and furniture, fittings and other items not directly related to the service rendered or as may be notified under the MSMED Act, 2006:

Rs. Lacs

The above investment of Rs Lacs is within permissible limit of
Rs Lacs for Micro / Small (Strike off which is not applicable)
Category under MSMED Act 2006.

Date:

(Signature)

Name -

Membership number -

Seal of Chartered Accountant

Annexure – B.
Technical Conditions

Vendor Code:	Vendor Name:	
Tender No.:	Tender Date:	Tender Due Date:

Sl.No.	Technical Requirement	Accepted
B. 1.	To supply of Materials as per Tender Specifications with Annexure without any deviation.	
B.2.	Supplier has to submit the overall dimension details and Heat transfer calculation before starting actual manufacturing and also Drawings to be submitted and get the approval from SSTP /BHEL	
B.3	Supplier has to design, Manufacture and supply the tower and erect & commission at SSTP.	
B.4	Pre-despatch inspection at SSTP to be carried out BY SSTP/BHEL Executive.	
B.5.	To supply of materials with suitable preservation and packing.	

Signature with Date	Seal

Annexure – C.
Commercial Conditions
(Page No. 1 of 2)

Vendor Code:	Vendor Name:	
Tender No.:	Tender Date:	Tender Due Date:

Sl.No.	Commercial Terms	Accepted				
C1.	<u>Delivery Terms</u> : Free delivery at BHEL/SSTP Stores.					
C2.	<u>Payment</u> : 100% after 45 days after receipt and acceptance of materials by BHEL					
C3.	<p>LIQUIDATED DAMAGES: It is clearly understood among the parties to the Contract that TIME IS THE ESSENCE OF THE CONTRACT. Therefore, the delivery of the goods specified in the Purchase Order shall be made within the time prescribed. Where the Seller supplies or despatches the goods, beyond the delivery period specified, and the Purchaser will have no obligation to accept the goods. If accepted, Liquidated Damages at the rate of 0.5% (Zero point five Percent) of the value of goods delayed, per week of delay, subject to a maximum of 10% (Ten Percent) or part thereof, will be levied without prejudice to any other relief or compensation due to the Purchaser under any other conditions of the Contract.</p> <p>RISK PURCHASE: Alternatively, the Purchaser, at his option, will be entitled to terminate the Contract and to purchase elsewhere at the risk and cost of Seller, either the whole of the goods or any part, which the Seller has failed to deliver or dispatch within the time stipulated as aforesaid or if the same were not available the best and nearest available substitute thereof. The Seller shall be liable for any loss, which the Purchaser may sustain by reason of such Risk Purchase(s), in addition to penalty at the rate mentioned in Clause No.06 above.</p>					
C4.	<p><u>Delivery period required</u> :</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%; text-align: center;">Delivery</td> <td style="width: 50%; text-align: center;">Enq.Sl. No. 1</td> </tr> <tr> <td style="text-align: center;">14 Weeks from PO</td> <td style="text-align: center;">2 Nos.</td> </tr> </table>	Delivery	Enq.Sl. No. 1	14 Weeks from PO	2 Nos.	
Delivery	Enq.Sl. No. 1					
14 Weeks from PO	2 Nos.					
C5.	Validity of Offer - 60 Days from the Date of Tender Opening.					

Sl.No.	Commercial Terms	
C6.	a. Excise Duty Tariff Heading	
	b. Excise Duty (%)	
	c. CESS on ED (%)	
	d. Total of ED and CESS (%)	
C7	a. TVNAT (%)	
	b. CST (%)	
C8.	Other Cost (if any) - % (or) Rs.	
C9	Are you Micro/Small/Medium Industry? (If YES, please furnish MSM Regn.No., along with a copy of MSM Certificate)	YES / NO MSM No. MSM Certificate enclosed(Yes/NO)

Signature with Date & Seal ::