



An ISO 9001
Company

Bharat Heavy Electricals Limited

(High Pressure Boiler Plant)

Tiruchirappalli – 620014, TAMIL NADU, INDIA

MATERIALS MANAGEMENT

TITLE EXPRESSION OF INTEREST for SUPPLY OF IBR QUALITY PIPES AND TUBES TO BHEL TRICHY	Phone: +91 431 257448/2577785 Fax : +91 431 2520 719 Email : rmkrish@bheltry.co.in
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	Reference Number: SDC:TP:EOI	Date: 06.11.10	Due date for submission of EOI: 15.12.10
You are requested to furnish details as per attached format for evaluation w.r.t empanelment of you as an AGENCY (DEALER / STOCKIST / TRADER / DISTRIBUTOR) for supplying Boiler Quality PIPES & TUBES with IBR certificate for BHEL TRICHY.			

BHEL / Trichy is looking for empanelment of suitable AGENCY (DEALER / STOCKIST / TRADER / DISTRIBUTOR) for supplying Boiler Quality PIPES & TUBES with IBR certificate for BHEL / TRICHY. This is only a request for EOI. On technical evaluation, suitable agencies will be enlisted for sending enquiries.

BHEL technical terms & conditions and all annexures can be downloaded from BHEL web site http://www.bhel.com or from the Government tender website http://tenders.gov.in (public sector units) Bharath Heavy Electricals Limited) under reference “NIT-9060 ”	
EOIs should reach us before 14:00 hours on the due date of 15.12.2010.	Yours faithfully, For Bharath Heavy Electricals Limited SM / SDC / MM



BHARAT HEAVY ELECTRICALS LIMITED
(High Pressure Boiler Plant) TIRUCHIRAPPALLI – 620014, TAMIL NADU, INDIA
EOI for SUPPLY of BOILER QUALITY TUBES and PIPES

1.0 GENERAL INFORMATION :

1.1 NAME OF AGENCY :
(Dealer/Stockist/Trader/Distributor)

1.2 DETAILS OF HEAD OFFICE :
ADDRESS :

TELEPHONE :
(Landline with STD/ISD)
MOBILE :
FAX :
E-MAIL :

1.3 DETAILS OF STOCK YARD :
ADDRESS :

TELEPHONE :
(Landline with STD/ISD)
MOBILE :
FAX :
E-MAIL :

2.0 OWNERSHIP INFORMATION : DOCUMENTS TO BE FURNISHED
(Mark with √ in appropriate box)

2.1.1 LIMITED COMPANY ☐ : COPY OF MEMORANDUM & ARTICLES OF ASSN.

2.1.2 PRIVATE LTD.COMPANY ☐ : COPY OF MEMORANDUM & ARTICLES OF ASSN.

2.1.3 PARTNERSHIP FIRM ☐ : PARTNERSHIP DEED

2.1.4 PROPRIETORSHIP ☐ : PROFESSION TAX REGN. & MUNICIPAL REGN.

2.2 NAME OF CHIEF EXECUTIVE / :
PROPRIETOR / PARTNER

ADDRESS :

TELEPHONE :
(Landline with STD/ISD)
MOBILE :
FAX :
E-MAIL :



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2.3 OFFICIAL TO BE CONTACTED FOR CLARIFICATION:

ADDRESS :

TELEPHONE :

(Landline with STD/ISD)

MOBILE :

FAX :

E-MAIL :

2.4 YEAR OF ESTABLISHMENT OF AGENCY :

2.5 YEAR OF COMMENCEMENT OF BUSINESS :

3.0 REQUIRED TECHNICAL COMPLIANCE :

SEAMLESS PIPES:

3.1 The pipes must bear original hard stamping of details like melt no., spec., grade, size, Maker's emblem, BHEL Purchase Order(in English only) & Inspecting Authority's seal.

3.2 Seamless pipes to confirm to SA 106 Gr.C specification requirement. Additionally Ultrasonic Testing as per ASTM E213 with notch depth 5% of maximum thickness (min. 0.3 mm, max 1.5 mm), Scanning: clockwise & anti clockwise, Carbon-0.25% max. upto 19 mm thick & 0.30% max for others. Delivery condition: (a) Carbon Steel – normalised. No ground marks on the inside and outside surface of the pipes.

3.3 Straightness of pipes: The pipes shall not deviate from straightness by more than 1 mm in any one meter, and shall not be more than 6 mm over the entire length. A sharp bend at the end or kink and twist are not acceptable. These limitations are applicable for any given plane.

3.4 Mechanical test as per specification and IBR (Indian Boiler Regulations) with minimum 2 pipes per 100 and 1 per 100 part thereof for pipes over 100 numbers.

3.5 Pipes shall be supplied with (a) longitudinal color coding (blue color for SA 106 Gr.C) over the entire length of the pipe and (b) Resin type Rust Preventive Oil with visibility to stencilled details on outside.

3.6 Original Mill Test Certificate (in English only) as per relevant IBR forms certified by Inspecting Authority of that country of origin. Indigenously supplied items: Boiler Inspectorate / Directorate of Respective State.

SEAMLESS TUBES:

3.7 Tubes must bear original stencilling of details like melt no., spec., size, BHEL Purchase Order No. (in English only) details to be identified: 1. PO number 2. Maker's Emblem / Code 3. Specification & grade 4. Heat Number 5. Size 6. No. of tubes 7. Inspector's Seal 8. Condition: Hot finished or Cold finished 9. Tube minimum wall thickness designation (for SA213 specification only) below OD 31.8 mm (excl). SI.No.1 to 9 to be stamped on Metal/Plastic tag attached to bundle. OD 31.8-76.1mm.(incl). SI.No.1 to 5, 8 and 9 to be paint stenciled on each tube, SI.No.1 to 9 to be stamped on Metal/Plastic tag attached to bundle. OD >76.1 mm – SI.No. 2, 3, 4 & 7 to be hard stamped with round edge stamp at 100 mm from both ends and SI.No.1 to 5, 8 and 9 to be paint stencilled on each tube - color coding: longitudinally on the entire length of the tube on all tubes:



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(a) SA210 Gr.A1-Yellow (b) SA210 Gr.C-Blue (c) SA213 Gr.T11-Yellow & Silver (d) SA213 Gr.T22-Red & Green
(e) SA 213 TP 347H-Yellow & Black.

3.8 Seamless tubes to conform to SA210 Gr.A1, SA213 Gr.T22, SA213 Gr.TP 347H, SA213 Gr.T11, SA210 Gr.C requirement. Additionally Ultrasonic Testing as per ASTM E213 with notch depth 5% of nominal thickness (min. 0.3 mm), scanning: clockwise & anti clockwise. Delivery Condition: Carbon Steel: hot finished & no heat treatment required. Cold finished: sub-critical annealed, fully annealed or normalized, Alloy Steel: normalized and tempered. Stainless Steel: Solution Annealed.

3.9 Process of Manufacture: CS & AS: Either cold finished or hot finished. SS: Only cold finished. Ladle & product analysis is required for all steels. Carbon Steel: max. Carbon: SA210 Gr.A1: 0.25%, SA210 Gr.C: 0.30%. Stainless Steel: Boron: 0.01% max., Vanadium: 0.10% max.

3.10 Dimensional Tolerances:

a) For cold finished tubes: For CS tubes: As per SA 450 & for AS & SS tubes as per SA 1016.
Tolerance on thickness shall be: for OD \leq 38.1 mm: 0% to +20% and for OD > 38.1 mm: 0% to +22%.

b) For hot finished tubes, the tolerance shall be as follows:
For OD: \pm 0.4 mm; For thickness(T): 0% to +22% for T > 4.5 mm and 0% to +24% for T between 3.6 and 4.5 mm (both inclusive).

3.11 Inside and outside free from loose scales and defects like laps, seams, folds, cracks, pitting etc. All tubes, except SS to be applied with Resin Type Rust Preventive Coating with visibility to stencilled details on outside and with rust preventive coating or rust inhibitor inside. SS tubes to be surface treated as per ASTM A380 both inside and outside ends to be closed with Plastic End Caps / Plugs secured for storage.

3.12 Certification: The Mill Test Certificate must be countersigned by the Inspecting Authority as indicated below. Imported items: Inspecting Authority approved by IBR for the country of origin (to be concurred by BHEL before placing PO). Indigenously supplied items: Boiler Inspectorate/Directorate of respective state.

4.0 TYPICAL SIZES / SPEC. REQUIREMENT – ABILITY IN MEETING BHEL REQUIREMENT:

4.1 PIPES:

Sl. No.	Size, OD x t x length mm	Spec.	Appx. Annual Requirement (MT)	Agency's ability to meet the requirement (strike-off whichever is not applicable)
1	914 x 102 x 3750	SA 106 Gr.C	3400	YES / NO
2	368 x 36 x 5000	SA 106 Gr.C	2800	YES / NO
3	159 x 18 x 6000	SA 106 Gr.C	2150	YES / NO
4	457.2 x 40 x 5000	SA 106 Gr.C	2000	YES / NO
5	127 x 11.5 x 6000	SA 106 Gr.C	1150	YES / NO
6	273 x 32 x 6000	SA 106 Gr.C	1000	YES / NO
7	159 x 16 x 6000	SA 106 Gr.C	1000	YES / NO
8	508 x 64 x 6000	SA 106 Gr.C	1000	YES / NO
9	368 x 48 x 6000	SA 106 Gr.C	1000	YES / NO
10	559 x 72 x 6000	SA 106 Gr.C	1000	YES / NO



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4.2 TUBES:

Sl. No.	Size, OD x t x length mm	Spec.	Appx. Annual Requirement (MT)	Agency's ability to meet the requirement (strike-off whichever is not applicable)
1	38.1 x 5.3 x 13800	SA 210 Gr.A1	6700	YES / NO
2	38.1 x 4.5 x 13800	SA 210 Gr.A1	6000	YES / NO
3	54 x 4 x 10000	SA 213 T22	4000	YES / NO
4	63.5 x 5 x 10000	SA 213 TP 347H	3300	YES / NO
5	51 x 6.6 x 12150	SA 213 T11	3200	YES / NO
6	51 x 11 x 12150	SA 210 Gr.C	3200	YES / NO
7	63 x 5.6 x 12150	SA 210 Gr.C	3000	YES / NO
8	47.63 x 5 x 10000	SA 213 T11	2500	YES / NO
9	51 x 6 x 12150	SA 213 T11	2500	YES / NO
10	38.1 x 4 x 12150	SA 210 Gr.A1	2000	YES / NO

5.0 DETAILS OF MILLS FROM WHOM THE MATERIALS WILL BE PROCURED & STOCKED BY THE AGENCY:

NAME OF MILL 1 :
ADDRESS :

TELEPHONE :
(Landline with STD/ISD)
MOBILE :
FAX :
E-MAIL :

(If the agency deals with more than 1 mill, please furnish similar details for all the mills separately).

6.0 REGISTRATION PARTICULARS :

6.1 AGENCY'S INCOME TAX

PERMANENT ACCOUNT NO. (PAN) :
(Attach Copy of Certificate)

7.0 OTHER PARTICULARS

7.1 IS THE AGENCY ALREADY REGISTERED WITH ANY : YES / NO (Tick whichever is applicable)
OF THE BHEL UNITS?

7.2 IF 'YES', PL. FURNISH :

7.2.1 BHEL UNIT'S NAME :

7.2.2 AGENCY REGN. CODE :

7.2.3 MATERIALS FOR WHICH REGISTERED & :
SPEC.

7.2.4 IF ANY ORDER / CONTRACT ALREADY :
EXECUTED, PL. FURNISH DETAILS OF THE
SAME WITH RELEVANT ENCLOSURES



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7.3 IS THE AGENCY ISO 9001-2000 CERTIFIED : YES / NO
(If yes, pl. enclose copy of the certificate)

7.4 IS DIRECTORS / PARTNERS OF THE AGENCY : YES / NO
RELATED TO ANY BHEL EMPLOYEE?

7.4.1 IF YES, PLS FURNISH THE FOLLOWING DETAILS :

NAME OF BHEL EMPLOYEE :
STAFF NO. :
DESIGNATION :
DEPARTMENT :
UNIT :
RELATIONSHIP :

7.5 IS ANY EX-BHEL PERSONNEL EMPLOYED BY THE AGENCY : YES / NO

7.5.1 IF YES TO 9.5, PLS MENTION HIS/HER DETAILS :

NAME OF BHEL EMPLOYEE :
STAFF NO. :
DESIGNATION :
DEPARTMENT :
UNIT :
DATE OF LEAVING BHEL SERVICE :

7.6 EXPERIENCE LIST:

7.6.1 ATTACH LIST OF CUSTOMERS (FOR THE LAST 3 YEARS) WITH NAME & ADDRESS FOR WHOM SIMILAR
SIZES & SPEC. OF PIPES / TUBES ARE SUPPLIED BY THE AGENCY

7.6.2 PROVIDE THE TYPICAL STOCK QUANTITIES AVAILABLE FOR TUBES & PIPES CURRENTLY.
(SEPARATE SHEET TO BE ATTACHED, IF REQD.)



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8.0 FACILITIES

8.1 LIST OF HANDLING FACILITIES/EQUIPMENTS AVAILABLE AT THE AGENCY / STOCKYARD

Sl. No.	Description of Handling Equipment / Facility	Qty.	Make & Year of Installation	Remarks if any
1				
2				
3				
4				
5				

PL. ATTACH A SEPARATE ANNEXURE / CATALOGUE IF REQUIRED.

8.2 LIST OF INSPECTION / TESTING FACILITIES / EQUIPMENT (INCLUDING NDE, LAB. TESTING, PMI) AVAILABLE AT THE AGENCY / STOCKYARD

8.3 STORAGE FACILITIES AVAILABLE AT THE AGENCY / STOCKYARD

8.3.1 AREA OF STORAGE SPACE IN SQUARE METERS

- | | | |
|--------------------------------|---|---------------------|
| a) IN COVERED SHED | : | SQ.MTR. |
| b) IN UNCOVERED SHED | : | SQ.MTR. |
| c) TITLE DEED OF THE STOCKYARD | : | COPY TO BE ATTACHED |

8.3.2 METHODOLOGY ADOPTED FOR PRESERVATION : SEPARATE SHEET TO BE ATTACHED, IF REQD.



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9.0 FINANCIAL INFORMATION

FINANCIAL INFORMATION FOR THE PREVIOUS FOUR YEARS					
9.0	Parameter	Year 1	Year 2	Year 3	Year 4
(Years in ascending order, Money value in Rs. Lakhs)					
*9.1	NET WORTH (Share Capital + Reserves)				
	Growth over previous year (%)	-----			
9.2	LONG TERM DEBT / LOAN				
*9.3	DEBT EQUITY RATIO <u>Long Term Debt (9.2)</u> <u>Net Worth (9.1)</u>				
*9.4	INVESTMENT IN: Land & Building				
	Plant & machinery				
	Other Fixed Assets				
9.5*	NET CURRENT ASSETS				
	a) Cash on hand				
	b) Account Receivable				
	c) Inventories				
	Total				
	CURRENT LIABILITY				
	a) Sundry Creditors				
	b) Interest accrued but not due				
	c) Other liabilities				
	Total				
	QUICK RATIO <u>CA-INVENT.{9.5(1)-9.5(1)C}</u> <u>Current liability {9.5 (2)}</u>				
9.6	SALES				
	Growth over previous year(%)				
9.7	PROFIT BEFORE TAX				
	Growth over previous year (%)				
9.8	Whether the Agency has been referred to BIFR / NCLT / any other Govt. Agency (If Yes, enclose details)				YES / NO
9.9	Whether the Agency is a potential sick Company. (If Yes, enclose Details)				YES / NO
<p>NOTE: 1. Copies of annual accounts (Balance Sheet) for the last four years (or from date of incorporation Whichever is less) along with audit report are to be submitted. The above details shall be highlighted in the Balance Sheet.</p> <p>2. Status of Tax assessments done under various laws (Income Tax, VAT/Sales Tax, Excise & Service Tax, Custom) and details of disputes pending, if any, with these authorities to be submitted.</p>					
AGENCY'S SIGNATORY & SEAL :					



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10.0 LIST OF ENCLOSURES (Tags to be put on enclosures):

- (i) MEMORANDUM AND ARTICLES OF ASSOCIATION / SOCIETY RULES AND
BYE LAWS / PARTNERSHIP DEED / PROFESSION TAX REGN & MUNICIPAL : YES / NO
REGN.
- (ii) COPY OF CERTIFICATE OF FOLLOWING :
PERMANENT ACCOUNT NO. : YES / NO
- (iii) ORGANISATION CHART : YES / NO
- (iv) IF REGISTERED WITH ANY OTHER BHEL UNIT,
 - LETTER OF REGISTRATION WITH BHEL UNIT : YES / NO
 - PROOF OF SUCCESSFUL EXECUTION OF ONE OR MORE PURCHASE : YES / NO
ORDERS
- (v) ACCREDITATION CERTIFICATE FOR ISO 9001-20000 : YES / NO
- (vi) EXPERIENCE LIST : YES / NO
- (vii) BALANCE SHEET FOR THE LAST FOUR YEARS ALONG WITH AUDIT REPORT : YES / NO
- (viii) MILL AUTHORIZATION & AGREEMENT : YES / NO

I / WE GIVE THE UNDERTAKING THAT BHEL DRAWINGS / SPECIFICATIONS SHALL NOT BE USED IN ANY
WAY DETRIMENTAL TO BE INTEREST OF BHEL AND / OR FOR SUPPLY OF ANY MATERIAL, PRODUCT OR
SERVICES DIRECTLY TO ANY OTHER CUSTOMER / AGENCY.