



An ISO 9001
Company

Bharat Heavy Electricals Limited

(High Pressure Boiler Plant)

Tiruchirappalli – 620014, TAMIL NADU, INDIA

MATERIALS MANAGEMENT /STEEL

TITLE Supply of Boiler quality Steel plates to Specification SA299 Gr.A	Phone: +91 431 2574247 Fax : +91 431 2520719 Email : kjoe@bheltry.co.in
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	Reference Number: Enquiry 1001400015	Enquiry Date: 04.04.2014	Due date for submission of quotation: 02.05.2014
You are requested to quote the Enquiry number date and due date in all your correspondences. This is only a request for quotation and not an order			

BHEL/Trichy is looking for empanelment of new vendors for supply of "Boiler Quality Steel plates to Specification SA299 Gr.A"

BHEL commercial terms & conditions with Price Bid formats and all annexure can be downloaded from BHEL web site <http://www.bhel.com> (Tender Notifications page) or from the Govt. Tenders website <http://tenders.gov.in> (Public Sector Units> Bharat Heavy Electricals Limited page) or from <http://eprocure.gov.in> (public sector units) Bharat Heavy Electricals Limited) under enquiry reference "1001400015"

Tenders should reach us before 14:00 hours on the due date
Technical bid will be opened at 14:30 hours on the due date
Tenders would be opened in presence of the tenderers who
have submitted their offers and who may like to be present.

Yours faithfully,
For Bharath Heavy Electricals Limited

SR.MANAGER / MM / STEEL / TRICHY

K. JOSEPH REGIS
Senior Manager
MM / RM / Steel (Purchase)
BHEL, TRICHY - 620 014.



BHARAT HEAVY ELECTRICALS LIMITED

(A Government of India Undertaking)
HIGH PRESSURE BOILER PLANT
PURCHASE DEPARTMENT - FOSSIL BOILERS
THIRUCHIRAPALLI - 620014
TAMILNADU (INDIA)

Page
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PHONE : 2574205
GRAMS : BHARATELEC
FAX NO: 2520250
E-mail : saruna@bheltry.co.in
WEB : http://mm.bheltry.co.in

429-002/A

	Enquiry No	Enquiry Date	Due Date for Quotation
	1001400015	04.04.2014	02.05.2014
Please quote Enquiry No, Date and due date in all correspondences. This is only a request for quotation and not an order			

Item	Description	Unit	Quantity	Delivery Quantity	Schedule Date
10	159116860000 PL 60 X 2600 X 8000 - 11-Nos-SA299GrA	TO	107.765	107.77	30.06.14
20	159119290600 PL 65 X 2600 X 8000 - 2-Nos-SA299GrA	MT	21.227	21.23	30.06.14
30	159119240000 PL 75 X 2600 X 8000 - 2-Nos-SA299GrA	MT	24.492	24.49	30.06.14
40	159114230000 PL 80 X 2600 X 8000 -8-Nos- SA299GrA	MT	104.500	104.50	30.06.14
50	159114240000 PL 85 X 2600 X 8000 - 4-Nos-SA299GrA	MT	55.516	55.52	30.06.14
60	159114200000 PL 90 X 2600 X 8000-11-Nos - SA299GrA	MT	161.648	161.65	30.06.14
70	159118400000 PL 110 X 2600 X 8000- 2-Nos-SA299GrA	MT	35.922	35.92	30.06.14
80	159114300000 PL 127 X 2600 X 8000 - 10-Nos-SA299GrA	MT	207.366	207.37	30.06.14

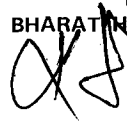
General Note:

Enquiry for supply of Boiler quality steel plate to specification ASME SA299 Gr.A and as per TDC:201/Rev.06 with third party inspection by any IBR approved agency. The tender terms & conditions is as per Annexure-A. To submit the offer, supplier has to fill the relevant details in "supplier comments" column corresponding to BHEL requirements in Annexure-A without fail.

Enclosure:

- 1) Annexure-A(Enquiry terms & conditions)
- 2) TDC:201/Rev.06.
- 3) General Terms & Conditions(Import, Indigenous)
- 4) Supplier Registration Form-Indigenous.

The offers should reach us 30 minutes before the time of opening of tenders. The offers will be opened at 14.30 hrs on the due date of tender in the presence of tenderers who have submitted their offer and who may like to be present for the tender opening. Late and delayed offers are liable to be rejected.

Yours faithfully,
For **BHARAT HEAVY ELECTRICALS LIMITED**

K. JOSEPH REGIS
Senior Manager
MANAGER / PURCHASE
(FOSSIL BOILERS) Steel (Purchase)
BHEL TRICHY - 620 014.
Yours faithfully,



BHARAT HEAVY ELECTRICALS LIMITED

(A Government of India Undertaking)
HIGH PRESSURE BOILER PLANT
PURCHASE DEPARTMENT - FOSSIL BOILERS
THIRUCHIRAPALLI - 620014
TAMILNADU (INDIA)


1001400015 / 04.04.2014

Enclosures:

"LD clause has to be confirmed without fail."

The offers should reach us 30 minutes before the time of opening of tenders.
The offers will be opened at 14.30 hrs on the due date of tender in the presence of tenderers who have submitted their offer and who may like to be present for the tender opening. Late and delayed offers are liable to be rejected.

Yours faithfully,
For **BHARAT HEAVY ELECTRICALS LIMITED**


K. JOSEPH REGI
Senior Manager
MANAGER / PURCHASE
(FOSSIL BOILERS)
THIRUCHIRAPALLI - 620014.
Yours faithfully,

ANNEXURE-A (Technical part)

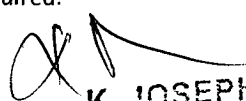
ENQUIRY TERMS & CONDITIONS FOR SUPPLY OF BQ PLATES TO SPECIFICATION SA299 Gr.A AND TO TDC:201/06.

Note: This Annexure has to be mandatorily filled & signed by the manufacturer (or) mill and submitted along with Technical Bid.

Sl.No	Enquiry terms & conditions	Supplier Comments (Acceptance or otherwise for each point to be given). In case no reply in any of this field, it will be deemed as 'ACCEPTED'
I	<u>All the bidders to confirm following points without fail:</u>	
1	<u>Material Specification:</u> ASME SA299 Gr.A. Supply as per TDC: 0:201/ Rev 06. TDC is attached for your reference. a) Confirm Point by Point acceptance to TDC:0:201/Rev06 attached. Any deviations against Specification & TDC shall be indicated clearly.	
2	a) Inspection is to be done by any IBR approved Third party inspection. Indicate your TPI agency.	
	b) Testing and inspection charges(If any) to supplier's account only.	
	c) MTC(as per specification & TDC) to be issued in IBR Form-IV certificate with duly signed and stamped by any IBR approved TPI.	
II	<u>Bidders who are not registered with BHEL, Trichy for this grade of material (SA299 Gr.A) to confirm following points without fail.</u>	
3	Whether supply is from your Mill?. Also, pls furnish the Mill details(Offer from trader will not be accepted)	
4	Reduction ratio (3:1 slab to finished thick) required	
5	Details of Maximum slab thickness that can be made in your mill.	
6	Whether Concast slab is used / Ingot is used?	
7	Whether it is an Integrated steel plant?	
8	If so Steel Making Process in detail - Along with flow chart.	
9	If not – Source of slab	
10	Copy of Test certificate, UT certificate, Micro structure analysis has to be provided along with offer	
11	Steel Making Process in detail (Chemistry including elements, Ladle and product analysis)	
12	List of testing equipment's and facilities	
13	List of furnaces, rolling details, Furnace calibration certificates	
14	Details of Own steel melting capacity	
15	BIS certification status (Copy of Certificate to be enclosed if obtained)	
16	Details of Quality Control procedures	
17	Details of heat treatment process	
18	Details of UT SA578 / level :B facility, Manpower	
19	Defect free smooth surface (Fusion welding prohibited)	
20	Hard Punching of Grade, Melt No, Plate no, Spec, Markers logo, Inspection authority seal (ref: TDC:0:201/ rev 06 /Clause 9- Marking)	
21	Additionally, MELT NO, PLATE NUMBER, SPECIFICATION & PLATE THICKNESS SHALL BE WRITTEN BY PAINT ON EACH PLATE ALONG THE THICKNESS FACE. This is to be confirmed in the offer	
22	All documents should be in English (Invoice, Test certificates etc.)	
23	Experience in supply of the above said Specification (SA299 Gr.A)	

➤ Kindly attach details for Each Sl. No. along with your offer where ever required.

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K. JOSEPH REGIS
 Senior Manager
 MM / RM / Steel (Purchase)
 BHEL, TRICHY - 620 014.

ANNEXURE-A (Commercial part)

SI No	BHEL Requirements	Supplier Comments (Acceptance or otherwise for each point to be given). In case no reply in any of this field, it will be deemed as 'ACCEPTED'																																								
1.	<p>➤ <u>Size (Thickness x width x Length in mm) and Quantity(MT):</u></p> <table border="1" data-bbox="261 405 1027 790"> <thead> <tr> <th>Sl.No</th> <th>Size description in mm</th> <th>No of plates</th> <th>Qty in MT</th> </tr> </thead> <tbody> <tr> <td>10</td> <td>PL 60 X 2600 X 8000 - SA299 GrA</td> <td>11</td> <td>107.765</td> </tr> <tr> <td>20</td> <td>PL 65 X 2600 X 8000 - SA299 GrA</td> <td>2</td> <td>21.227</td> </tr> <tr> <td>30</td> <td>PL 75 X 2600 X 8000 - SA299 GrA</td> <td>2</td> <td>24.492</td> </tr> <tr> <td>40</td> <td>PL 80 X 2600 X 8000 - SA299 GrA</td> <td>8</td> <td>104.500</td> </tr> <tr> <td>50</td> <td>PL 85 X 2600 X 8000 - SA299 GrA</td> <td>4</td> <td>55.516</td> </tr> <tr> <td>60</td> <td>PL 90 X 2600 X 8000 - SA299 GrA</td> <td>11</td> <td>161.648</td> </tr> <tr> <td>70</td> <td>PL 110 X 2600 X 8000 - SA299 GrA</td> <td>2</td> <td>35.922</td> </tr> <tr> <td>80</td> <td>PL 127 X 2600 X 8000 - SA299 GrA</td> <td>10</td> <td>207.366</td> </tr> <tr> <td colspan="2"></td> <td>Total =</td> <td>718.436</td> </tr> </tbody> </table> <p>a. Supply of plates shall be in Trimmed condition only. b. Quantity tolerance: Nil. c. Thickness, Width & length of plates shall be as per enquiry only. Deviation in size of plate is not acceptable and offer will be rejected.</p>	Sl.No	Size description in mm	No of plates	Qty in MT	10	PL 60 X 2600 X 8000 - SA299 GrA	11	107.765	20	PL 65 X 2600 X 8000 - SA299 GrA	2	21.227	30	PL 75 X 2600 X 8000 - SA299 GrA	2	24.492	40	PL 80 X 2600 X 8000 - SA299 GrA	8	104.500	50	PL 85 X 2600 X 8000 - SA299 GrA	4	55.516	60	PL 90 X 2600 X 8000 - SA299 GrA	11	161.648	70	PL 110 X 2600 X 8000 - SA299 GrA	2	35.922	80	PL 127 X 2600 X 8000 - SA299 GrA	10	207.366			Total =	718.436	
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2.	<p><u>Draft MTC(for new supplier):</u></p> <p>a) Draft MTC shall be prepared as per TDC:201/06 and to be submitted before the shipment / despatch of materials. This is to be vetted by BHEL/Quality. Shipment / dispatch clearance shall be given only after acceptance of draft MTC.</p>																																									
3.	<p><u>Invoicing:</u></p> <p>➤ Invoicing will be done on theoretical weight basis ONLY; calculated as per the size indicated against respective item numbers with density factor of 7.85 gm/cc.</p>																																									
4.	<p><u>Offer Submission:</u></p> <p>A. <u>Indigenous: (Manufacturer)</u></p> <p>a. Submit your FIRM competitive offer rate per MT (basic price & freight) with best possible delivery on FOR BHEL-Trichy basis ONLY. However price break-up shall be given as firm basis price and Freight rate per MT with inclusive of all charges if any(like inspection(TPI), UT charges etc).</p> <p>b. Any other extra charges like ED, CST/VAT etc. are to be indicated clearly. The offer will be evaluated on total landed cost to BHEL, Trichy.</p> <p>c. Price Variation Clause (PVC) is not acceptable and offer shall be rejected.</p> <p>d. Service tax, Octroi, Entry tax etc to be indicated in offer and is payable extra only on submission of documentary proof.</p> <p>B. <u>Imports(Manufacturer):</u></p> <p>➤ BHEL is having rights to order on FOB or CFR whichever is beneficial to BHEL, Trichy.</p> <p>a. Suppliers to quote rate both in FOB and CFR basis. Offers mentioning CFR alone shall not be considered for evaluation.</p> <p>b. For CFR terms, moved through Containers (Suppliers should clearly specify this in their offer) it would be presumed by BHEL that the freight charges quoted is on LILO (LINER IN LINER OUT) basis including extra charges, if any, like Container Imbalance Charges, Trade Imbalance charges or any other charges payable to the Liner. No other charges other than the quoted Freight rate will be paid by BHEL excepting</p>																																									


	<p>applicable Terminal Handling Charges, Container cleaning Charges, DO charges to Shipping Liner at Discharge Port. If any deviation is taken by Tenderer, a loading of 22% on the freight rate per MT shall be considered by BHEL for arriving at the Total landed Cost.</p> <p>c. In case of shipment through Containers on CFR basis, the BL should bear the endorsement that "14 free days for Container Detention is applicable".</p> <p>d. For CFR terms, moved through Break Bulk basis (Suppliers should clearly specify this in their offer) it would be presumed by BHEL that the freight charges quoted is on LILLO (LINER IN LINER OUT) basis.</p> <p>e. Price Variation Clause (PVC) at the time of ordering is not applicable and offer shall be rejected.</p> <p>f. The offer will be evaluated on total landed cost to BHEL-Trichy as below :</p> <p style="padding-left: 40px;">Total landed cost = [CFR Chennai (or) (FOB+BHEL Freight)] + Customs duty as applicable + LC Charges (In case LC payment) + 22% loading on Freight in case of deviation mentioned in point B(b) above + Import Incidentals + Commercial loading as applicable.</p> <p style="padding-left: 40px;">For conversion of foreign currency into INR, foreign exchange rate on the day of technical bid opening will be considered.</p>	
5.	<p>Payment terms:</p> <p>A. Indigenous: (Manufactures)</p> <p>i) Payment term is 100% direct EFT payment after 45 days from the date of receipt and acceptance of materials.</p> <p>ii) Any deviation in the above payment term will attract loading as mentioned below. "Base rate of SBI (as applicable on the date of bid opening. Techno-commercial bid opening in case of two part bids) + 6% shall be considered for loading for the period of relaxation sought by bidders.</p> <p>iii) Offers of indigenous Suppliers with payment terms as LC / Advance Payment are liable for rejection.</p> <p>B. Imports:</p> <p>i) BHEL Payment term is 100% payment on CAD basis after 45 days from the date of receipt of documents, specified in PO, at BHEL bank. Respective bank charges to respective account.</p> <p>ii) Any deviation in the above payment term will attract loading as mentioned below. "Base rate of SBI (as applicable on the date of bid opening. Techno-commercial bid opening in case of two part bids) + 6% shall be considered for loading for the period of relaxation sought by bidders.</p> <ul style="list-style-type: none"> ➤ In the case of Usance LC the loading will be considered @ 1.5% on the offered Value. ➤ For LC at sight the loading will be considered @ 3.5% on the offered value. ➤ Normally CAD at sight and Confirmed LCs are liable for rejection. 	
6.	<p>a) Delivery: The offer shall clearly indicate delivery period in fixed number of weeks/Months from the date of Purchase Order. . We require delivery by 45 – 60 days from the date of placement of PO.</p> <p>b) Liquidated Damage:</p> <p>1. Liquidated damages shall be 0.5% of the total order value per week or part thereof subject to a maximum of 10% of the total order value.</p>	



	<p>2. For staggered delivery schedule, LD shall be 0.5% of the undelivered portion per week of the delay or part thereof subject to a maximum of 10% of the total order value.</p> <p>3. Any deviation from the above LD clause, loading will be applied to the extent to which it is not agreed by the bidder (at offered value).</p> <p>c) Risk Purchase clause: Alternatively the purchaser at his option will be entitled to terminate the contract and to purchase elsewhere at the risk and cost of the seller either the whole of the goods or any part which the supplier has failed to deliver or despatch within the time stipulated as aforesaid or if the same were not available, the best and the nearest available substitute thereof. The supplier shall be liable for any loss, which the Purchaser may sustain by reason of such risk purchases. In case the finalized L-1 vendor fails to serve the requirements of BHEL units/regions, the same will be viewed very seriously and the above clause will be applicable. Further such vendors will not be considered for any future requirements for entire BHEL requirements and suitable penal action will be imposed as per standard BHEL conditions.</p>	
7.	<p>a) Material Warrantee: Free replacement of whole material in case of notification of defect in material within the period of One year from TC/Invoice date. Warrantee certificate to be produced.</p> <p>b) Defective Material replacement: Supplier shall replace defective material free of cost (inclusive of all Testing, Inspection, TPI, Service charges etc.) up to destination within two months from defect notification date.</p>	
8.	Offer is to be submitted in TWO part bids system. Technical bid with commercial terms and conditions and Priced bid each in separate sealed covers. Enquiry reference and due date to be indicated on the envelope for both Technical & Priced bid.	
9.	Offer/Price validity of 45 days is required after the price bid opening in case you are technically and commercially qualified.	
10.	BHEL reserves the right to reject any or all the offers either in full or part thereof or short close the tender at our discretion without assigning any reasons considering BHEL's commercial interest. This is for information.	
11.	<p>For new Indigenous supplier: Indigenous manufactures can quote for this tender.</p> <p>Offers from trades/Stockiest will not be considered.</p>	
12.	<p>For registered Imports suppliers:</p> <p>a) Service charges, commission charges and any other incidentals will NOT be paid extra.</p> <p>b) Agency commission, if any should be clearly given in the offer (% on FOB, % on CFR Chennai inclusive).</p> <p>c) Port of shipment to be indicated in the offer.</p> <p>d) Country of origin to be indicated in the offer.</p> <p>e) Furnish supply details made to other customers in India for the above specification.</p>	
13.	<p>For New Indigenous Supplier (Not already registered with BHEL-Trichy) : Suppliers who are not already registered with BHEL-Trichy shall submit the Supplier Registration Form duly filled (see enclosure IV) along with the Techno-commercial Bid. Following details are to be ensured. Hard copy to be sent along with following documents in technical bid.</p> <p>For Indigenous manufactures:</p> <p>a) Details such as mill capacity and capability, credentials, Catalogues.</p> <p>a) Supply details for last five years to companies abroad / India for BQ plates(SA299 Gr.A) to be tabulated.</p> <p>b) ISO certification</p> <p>c) Details of facility (manufacturing/testing) installed</p> <p>d) To have in-house heat treatment facility</p> <p>e) To submit internal quality plan</p> <p>f) Quality manual</p> <p>g) Collaboration if any with suitable supporting documents.</p> <p>h) Sample MTC</p>	

	<p>i) Details of Indian Office</p> <p>The vendor registration form can also be downloaded from the website http://vis.bheltry.co.in/olsa and www.bhel.com.</p>	
14.	Only after technical bid evaluation and if offer is found technically suitable, price bid will be opened for further process.	
15	BHEL will consider the ranking after the loading is applied as referred above wherever deviations are observed.	
16.	<p>Competitive offer (Technical & Priced bid) to the following address is to be submitted within due date of this tender.</p> <p>TO: Sr. MANAGER/ PURCHASE / MM/ STEEL SECOND FLOOR, 24- BLDG, BHEL- TRICHY, INDIA PIN: 620014 Tel: 0431-2574247/ 4290 E-mail: kjoe@bheltry.co.in</p>	
17.	<p>Enclosure:</p> <p>I. Enq.No.1001400015 dt.04.04.2014 II. Terms and conditions(Import, Indigenous) III. TDC:201/06 IV. Supplier Registration Form – Indigenous</p>	

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K. JOSEPH REGIS
Senior Manager
MM / RM / Steel (Purchase)
BHEL, TRICHY - 620 014.

TERMS AND CONDITIONS (IMPORT SUPPLIERS)

1. OFFER:

Offer in ENGLISH LANGUAGE AND IN TRIPLICATE in a SEALED COVER SUPERSCRIBING the enquiry number and the due date shall be submitted addressed to:

**THE MANAGER / PURCHASE / FB
BHARAT HEAVY ELECTRICALS LIMITED
HIGH PRESSURE BOILER PLANT
THIRUCHIRAPPALLI – 620 014
TAMIL NADU
INDIA**

offers should be firm for net FOB Nearest Sea Port price and C&F Chennai port, indicating the shipping specifications and the earliest delivery in respect of offers from overseas suppliers. Offers from indigenous sources shall be firm for FOR TIRUCHIRAPPALLI

2. DOCUMENTS:

(1) offers should be accompanied by detailed technical literature, catalogue and detailed dimensional drawings in ENGLISH and in TRIPLICATE, or otherwise, the offers will not be considered.

(2) in case overseas suppliers route their offer through their accredited selling agents, a letter of authority should be furnished mentioning the name and address of their selling agents, who are authorized to bid, negotiate and conclude a contract on their behalf.

3. AGENCY COMMISSION:

(1) in respect of offers from overseas suppliers, agency commission, if any, payable to their agents in India, shall invariably be shown separately in the Performa invoice and this will be paid by us in India, in Indian rupees, on satisfactory completion of the contract.

(2) if overseas principal has any tie-up with any third party in respect of agency commission it should be declared while submitting offers.

(3) copies of current agency agreement / authorization letter in respect of agency commission shall be furnished along with offer, if not made available earlier.

(4) for calculation of rupee equivalent of agency commission, exchange rate as prevailing on the date of order will be taken.

4. SPARES:

The tenderer should quote separately for spares that are required for two years trouble free operation. The spares offer should accompany the offer of main equipment, otherwise the quotations will be overlooked.

5. VALIDITY:

The offers for main equipment and spares shall be kept open for acceptance for 120 days (one hundred and twenty days) from the date of opening of the tender.

6. TEST CERTIFICATES, OPERATING AND MAINTENANCE MANUALS:

The tenderer shall clearly mention in their offer, that test certificates and operation and maintenance manuals, etc., as called for in the technical specification, in the required number of copies will be provided at no extra cost. If any amount is payable as extra, the same shall be indicated separately in the offer.

7. TERMS OF PAYMENT:

In the event of an order the purchaser will arrange for an irrevocable letter of credit against presentation of documents. Under no circumstances confirmed and irrevocable letter of credit will be established by the purchaser.

8. GENERAL:

(1) preference will be given to suitable indigenous or ex-stock in ported offers, failing which imported offers from incoming consignment against the indigenous supplies "stock and license" will be accepted, if "stock and sale license" is not available with the indigenous suppliers, the same shall be indicated in their offer.

(2) bank guarantee: the supplier in the event of an order, should furnish a bank guarantee from an approved bank at no extra cost in a Performa which will be supplied to the supplier, along with the order, for an amount equivalent to 10% of the value of the contract. The bank guarantee should remain in full force and effect during the period that would be taken for successful completion of the contract and shall continue to be enforceable till 12 months from the date of receipt of consignment at purchaser's site or 18 months from the date of last shipment at the port of delivery whichever is earlier.

9. LD/ PENALTY AND INTEREST ON ADVANCES FOR DELAY IN DELIVERY:

" if the supplier fails to delivery the raw materials / equipment / components within the period specified in the contract the purchaser shall deduct liquidated damages a sum equivalent to 0.5% of the price for each week of delay upto a maximum of 15% of the price of the delayed / undelivered goods, in addition to the recovery of interest at normal cash credit rate plus 2% for the unadjusted portion of the advances. If the delay in delivery of a part contributes to delay in execution of total system, LD and interest on advances will be recovered on the total contract price / total advance paid"

TERMS AND CONDITIONS (Indigenous)

1.A) QUOTATIONS: Each tender should be sent in double cover, inner cover should be sealed with tenderer's distinctive seal and super scribed with correct tender no. Item of supply and due date of opening the outer cover should only bear the address of this office and should not have any indication that a tender is within. Two or more quotations should not be sent in one cover but the quotation against each tender should be sent separately to avoid confusion. Tender should not be addressed to any individual's name but only by designation.

b) Tenders should be free from CORRECTION AND ERASURES. Corrections if any must be attested; all amounts shall be indicated both in words as well as in figures. Where there is difference between amount quoted in words and figures, amount quoted in words shall prevail.

c) Price should be nett F.O.R. dispatching station inclusive of risk in transit and remain valid for 60 days from the due date.

d) If any sales tax is payable as extra to the quoted price it should be specifically stated in quotations along with CST & TNGST no falling which the purchaser will not be liable for payment of sales tax. Our T.N.G.S.T no 3560005 dt. 01.04.1995 CST no 239383 dt, 11.06.1991

e) No revision of prices will be entertained after tenders are opened.

f) Manufacturer's name trademark or patent no if any should be specified. Illustrative leaflets giving technical particulars are required along with quotation wherever necessary.

g) Products with I.S.I certification marks will be preferred.

h) The purchaser shall be under no obligation to accept the lowest or any other tender and shall be entitled to accept or full without assigning any reason whatsoever.

2. SAMPLES: Wherever possible sample should be submitted separately whether specifically requested or not so as to reach the purchaser on or before the due date of the enquiry. They should be clearly marked with the enquiry no and the date on the outside cover to facilitate identification.

3. PACKING AND MARKING: The supplier shall arrange for securely protecting and packing the stores to avoid loss or damages during transit.

4. TERMS OF PAYMENT: Payment will be made after 45 days on acceptance of materials. Wherever required by the purchaser, the successful tenderer must send the Operation and Maintenance manuals, Test Certificates, drawings, etc., for the materials ordered. These should be sent immediately after dispatch of the materials and a statement to that effect should be made in the invoice. Failure to comply with this provision will result in delay in payment of the bills. Goods dispatched either by V.P.P or by the document presented through bank will not be accepted unless agreed to by the purchaser.

The duplicate copy of the invoice meant for the transporters should accompany the material as stipulated under C.E. rules 52a and 173 c (or) 57gg. A Photostat copy of the above invoice for each Delivery Chelan should be submitted along with the original bills routed through bank or submitted directly to BHEL finance department.

5. SECURITY DEPOSIT: For purchases over Rs. 5000/- the successful tenderers may be requested to furnish a Bank Guarantee, Security deposit for an appropriate value as may be determined by BHEL

6. LIQUIDATED DAMAGES PENALTY AND INTEREST ON ADVANCES FOR DELAY IN DELIVERY:

If the supplier fails to deliver the raw material equipment components within the period specified in the contract the purchaser shall deduct liquidated damages a sum equivalent to 0.5% of the price for each week of delay up to maximum of 15% of the price of the delayed undelivered goods. In addition to the recovery of interest at normal cash credit rate plus 2% for the unadjusted portion of the advances. If the delay in delivery of a part contributes to delay in execution of total system, LD and interest on advances will be recovered on the total contract price total advance paid.

7. 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 the seller either the whole of the goods or any part which the supplier has failed to deliver or dispatch within the time stipulated as aforesaid or if the same were not available, the best and the nearest available substitutes therefore. The supplier shall be liable for any loss, which the purchaser may sustain by reason of such risk purchases in addition to penalty at the rate mentioned in clause 6 above.


8. PREFERENTIAL DELIVERY: It should be noted if a contract is placed on a higher tenderer as a result of this invitation to tender in preference to the lowest acceptable offer in consideration of the earlier delivery, the seller will be liable to pay to the purchaser the difference between the contract rate and that of the lowest acceptable tender on the basis of final price F.O.R destination, including all eliminates of freights. Sales tax, duties and other incidents, incidental in case of failure to complete suppliers in terms of such contract within the date of delivery specified in the tender and incorporated in the contract.

9. MODVAT CREDIT: If any Excise Duty is payable, the chapter head / Sub -head reference and the rate of the duty should be quoted. If the tender is availing MODVAT credit for this input material, the effect of Proforma credit should be passed on to the purchaser. Tenderer under "MODVAT" shall be preferred.

10. PURCHASE: Preference will be given to CPSUS as per. Government guidelines.

11. GENERAL: The purchaser reserves the right to split up the tender and place order for individual terms with different tenderers and also increase or decrease the quantity.

Any other conditions which might have been quoted by the seller and are in contravention to the terms prescribed in the order and which have not been specifically accepted in by purchaser will not be applicable to the contract.

	Annexure-II GUIDELINES TO INDIAN SUPPLIERS FOR FILLING-UP SUPPLIER REGISTRATION FORM	Document No.	AA:MM:SR:01
		Revision No.	01
		Page No.	I of II

- Prospective Suppliers may also visit our web site www.bhel.com (link Supplier Registration -> New Supplier Required) to know more about the requirement of new suppliers for various items in our units.
- Registration Form may be obtained from BHEL website www.bhel.com.
- Application for registration, with a covering letter detailing where your products can find application (if possible) in BHEL unit(s), should be sent to:

Supplier Development Cell
Unit Name:
Bharat Heavy Electricals Ltd.
City:
India


- In case registration is being sought in multiple units of BHEL, please send the separate application to each unit.
- Any clarification with respect to procedure for registration may be obtained from the Supplier Development Cell of respective BHEL unit.
- The Supplier Registration Form has four parts:

Part A	Organisational Information	Form no. SRF(I)01 – page 1 to 10
Part B	Quality System	Form no. SRF(I)01 - page 11 to 12
Part C	Technical Competence	Form no. SRF(I)01 page 13 (if sent by BHEL)
Part D	Score Sheet (to be filled by BHEL)	Form no. SRF(I)01 page 14 to 17

The set of formats to be filled by different category of suppliers is as follows:

Sl.No	Supplier Category	Formats
1.	Indian Suppliers (manufacturers)	- Organisational Information - Quality System - Technical Competence
2.	Indian Stockist/ Trader/ Distributor/ Dealer/ Authorised Agent/ Channel partner/ Indian Sales office or Subsidiary of registered foreign principal	- Organisational Information SRF(I)01- Part A (page 1 to 10 except Sl. No. 5.1, 5.2, 6.6, 6.7, 7 & 8)

- All columns are to be filled up properly in the space provided for. Wherever it is not applicable, please mention “Not Applicable”. The form is to be signed by the authorised signatory.
- A separate sheet may be attached if the space provided is insufficient or additional information is to be given. Please put proper identification tag on the separately attached sheet.
- Please ensure that all required enclosures are attached with the filled up Supplier Registration Form and all enclosures are numbered & list of enclosures is given as required.
- As multiple copies of the application forms are required for processing at our end, please do not spiral bound the application forms or its enclosures and instead send them in two hole clip flat file.
- Incomplete forms will be rejected.
- Any information / clarification required by BHEL during evaluation must be given expeditiously.
- Please note that if you are registered and participate in Tender process and qualify to get order from BHEL, your performance based on Quality of your product, delivery performance and service rendered will be evaluated inline with Chapter VI.
- Please fill up the check- list given on next page and send along with the Supplier Registration Forms to BHEL.
- If you are attaching a document in a language other than Hindi/ English, a self attested Hindi/ English translated document may please be also attached.

	Annexure-II Check List for Indian Supplier Registration Form	Document No.	AA:MM:SR:01
		Revision No.	01
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Sl.No.	Check-Point	Yes/No
1.	Information against all points under “Organizational Information” (Part-A) has been given.	
2.	All enclosures and supporting documents have been enclosed.	
3.	Summary list of enclosures has been furnished as per S.N.10 of Organisational Information form no. SRF (I) 01 & S.N 12 of Quality system form no. SRF (I) 01.	
4.	Are you an ISO 9001 accredited supplier?	
5.	If yes, have you enclosed "Table of Contents" of your Quality Manual and copy of ISO 9001 accreditation certificate?	
6.	Have you filled up Quality System format given in Part B?	
7.	Technical requirements, specifications, drawings, standards have been received from BHEL before filling up Technical Competence, Part C.	
8.	All the parts of the form & enclosures have been signed by Authorised Signatory.	
9.	Have you attached EFT details? (In original, Certified by the bank)	
10.	If you are seeking registration for a MSME company (as per MSME Act of Government of India), have you attached requisite certificate as per Act?	

Date :

Signature & seal

(Authorised Signatory)

Note: This check list is to be attached with the filled up Supplier Registration Form.

**BHARAT HEAVY ELECTRICALS LIMITED
SUPPLIER REGISTRATION FORM**

FORM NO. SRF(I) 01 (INDIAN SUPPLIER)

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INFORMATION WITH * MARKS IS SCOREABLE.

PART- A : ORGANISATIONAL SOUNDNESS

ALL COLUMNS SHOULD BE PROPERLY FILLED IN THE SPACE PROVIDED FOR, WHEREVER IT IS NOT APPLICABLE, PLEASE WRITE "NOT APPLICABLE". INCOMPLETE OR INCORRECT FORMS MAY NOT BE CONSIDERED. **PLEASE ATTACH SEPARATE SHEET, IF SPACE AVAILABLE IS INADEQUATE.**

ALL THE PAGES OF THE FORM ARE TO BE SIGNED ALONGWITH SEAL BY THE AUTHORISED SIGNATORY

ORGANISATIONAL INFORMATION			
NAME AND CORRESPONDENCE ADDRESS OF THE SUPPLIER SEEKING REGISTRATION :-			
1.0 PRODUCTS / SYSTEMS / SERVICES FOR WHICH REGISTRATION IS APPLIED FOR :			
SL. NO.	DESCRIPTION	SIZE & RANGE	MFG. STD/ IS / DIN /BS ETC.
SUPPLIER'S AUTHORISED SIGNATORY		BHEL CERTIFIED ASSESSOR	

**BHARAT HEAVY ELECTRICALS LIMITED
SUPPLIER REGISTRATION FORM**

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ORGANISATIONAL INFORMATION

2.0 GENERAL INFORMATION :

2.1 NAMES OF THE WORKS/DIVISION (Products manufactured at each works to be mentioned :

ADDRESS :

E - Mail :

TELEPHONE : Landline

Mobile

FAX :

2.2 NAME OF CHIEF EXECUTIVE /
PROPRIETOR / PARTNER & ADDRESS :

2.3 DETAILS OF AUTHORISED SIGNATORY FOR SEEKING CLARIFICATION :

NAME :

DESIGNATION :

E - Mail :

TELEPHONE : Landline

Mobile

FAX :

SUPPLIER'S AUTHORISED SIGNATORY

BHEL CERTIFIED ASSESSOR

**BHARAT HEAVY ELECTRICALS LIMITED
SUPPLIER REGISTRATION FORM**

FORM NO. SRF(I) 01 (INDIAN SUPPLIER)

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ORGANISATIONAL INFORMATION

3.0 OWNERSHIP INFORMATION : DOCUMENTS TO BE FURNISHED

3.1 GOVT. OF INDIA UNDERTAKING:

OR

STATE GOVT. UNDERTAKING :

OR

LIMITED COMPANY, :

MEMORANDUM AND
ARTICLES OF ASSOCIATION

OR

PRIVATE COMPANY :

MEMORANDUM AND
ARTICLES OF ASSOCIATION

OR

CO-OPERATIVE SOCIETY, :

SOCIETY RULES AND
BYE LAWS

OR

PARTNERSHIP FIRM, :

PARTNERSHIP DEED

OR

PROPRIETORSHIP, :

PROFESSION TAX REGN.
AND MUNICIPAL REGN.

ANY OTHER (SPECIFY) :

3.2 NATURE OF BUSINESS :

(MANUFACTURING UNIT/
ENGG CONSULTANT/ EPC CONTRACTOR)

(AGENTS/ DISTRIBUTORS/STOCKISTS/DEALERS/
TRADERS/ INDIAN SUBSIDIARY/ CHANNEL PARTNER – attach authorization
certificate of principal)

3.3 YEAR OF ESTABLISHMENT :

* 3.4 YEAR OF COMMENCEMENT OF BUSINESS :

SUPPLIER'S AUTHORISED SIGNATORY

BHEL CERTIFIED ASSESSOR

**BHARAT HEAVY ELECTRICALS LIMITED
SUPPLIER REGISTRATION FORM**

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ORGANISATIONAL INFORMATION

4.0 REGISTRATION PARTICULARS

(FURNISH DETAILS AND ENCLOSE COPY OF CERTIFICATE FOR THE FOLLOWING)

- 4.1 PERMANENT ACCOUNT NO :
4.2 CENTRAL SALES TAX REGN NUMBER :
4.3 STATE SALES TAX / TIN NUMBER :
4.4 EXCISE DUTY REGN NUMBER :
4.5 EXCISE CONTROL CODE NUMBER :
4.6 SERVICE TAX REGN NUMBER :
4.7 CATEGORY AS PER MSMED ACT : MICRO/ SMALL/ MEDIUM
REGN NO. :
VALID UPTO :
(Attach Certificate)

5.0 TOTAL ORGANISATIONAL STRENGTH : (ATTACH ORGANISATION CHART)

- | | GRADUATE | DIPLOMA | SKILLED | NON-SKILLED |
|--|----------|---------|---------|-------------|
| ENGINEERING : | | | | |
| MANUFACTURING : | | | | |
| QUALITY : | | | | |
| COMMERCIAL /
SERVICE AFTER SALES : | | | | |
| OTHERS : | | | | |
| TOTAL : | | | | |
| * 5.1 POWER BACKUP :
(GIVE DETAILS) | YES/ NO | | | |
| * 5.2 DOES THE COMPANY SELL ITS PRODUCT DIRECTLY : | YES/ NO | | | |

SUPPLIER'S AUTHORISED SIGNATORY

BHEL CERTIFIED ASSESSOR

**BHARAT HEAVY ELECTRICALS LIMITED
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6.0 OTHER PARTICULARS :

(FURNISH DETAILS AND ENCLOSE DOCUMENTARY EVIDENCE/ COPY OF CERTIFICATE FOR THE FOLLOWING)

* 6.1 IF THE COMPANY IS ALREADY REGISTERED WITH ANY OF BHEL UNITS, GIVE :

6.1.1. BHEL UNIT'S NAME :

6.1.2. SUPPLIER REGN. CODE NO. :

6.1.3. ITEMS FOR WHICH REGISTERED & THEIR SPECIFICATION
(ENCLOSE PROOF OF SUCCESSFUL EXECUTION OF
ONE OR MORE PURCHASE ORDERS) :

* 6.2 IS THE COMPANY APPROVED BY
ASME / NTPC / NPC / EIL / DGS&D / RAILWAYS /
IBR / LLOYDS ETC FOR INTENDED
MATERIAL CATEGORY? : YES / NO
(ENCLOSE DOCUMENTARY EVIDENCE)

* 6.3 IS THE COMPANY ISO 9001 APPROVED? : YES / NO
(ENCLOSE CERTIFICATE & TOC OF QUALITY SYSTEM) :

* 6.4 IS THE COMPANY AN ISO 14000 APPROVED? : YES / NO
(ENCLOSE CERTIFICATE) :

* 6.5 IS THE COMPANY OHSAS - 18000 APPROVED?: YES / NO
(ENCLOSE CERTIFICATE)

* 6.6 TECHNICAL COLLABORATOR :
(FOREIGN OR INDIGENOUS)
(ENCLOSE DOCUMENTARY EVIDENCE)

* 6.7 R&D SET UP

6.8 DIRECTORS / PARTNERS, IF RELATED TO ANY
BHEL EMPLOYEE.
NAME :
STAFE NO. :
DESIGNATION :
Unit & DEPARTMENT :
RELATIONSHIP :

SUPPLIER'S AUTHORISED SIGNATORY

BHEL CERTIFIED ASSESSOR

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6.9 IF ANY EX-BHEL PERSONNEL IS EMPLOYED BY THE COMPANY, MENTION HIS / HER DETAILS OF LAST POSTING.

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

6.10 COMPANY'S WEEKLY HOLIDAYS :

WORKS OFFICE

6.11 EXPERIENCE LIST:

(ATTACH LIST OF PRESENT CUSTOMERS WITH NAME & ADDRESS FOR OFFERED / SIMILAR TYPE & SIZE OF ITEM / EQUIPMENT FOR WHICH REGISTRATION HAS BEEN SOUGHT AND WITH WHOM YOU HAVE CONTINUOUS BUSINESS SINCE LAST THREE YEARS . ALSO ATTACH PERFORMANCE CERTIFICATES ISSUED BY ANY TWO CLIENTS FOR SUCCESSFUL EXECUTION OF THE CONTRACTS FOR LAST TWO YEARS- FOR PEM)

*6.12 DETAILS OF PENDING LEGAL ISSUES ON CONTRACTUAL ASPECTS WITH CUSTOMER , IF ANY

6.13 The following information of Bank Account of the Company, duly endorsed by the Bank (required for Electronic Fund Transfer –EFT/RTGS) is to be submitted

1. Name of the Company
2. Name of Bank
3. Name of Bank Branch
4. City/Place
5. Account Number
6. Account type
7. IFSC code of the Bank Branch
8. MICR Code of the Bank Branch
9. Details of other Bankers (for reference purpose only)

NOTE :

Suppliers who have already submitted the above information are requested to submit a copy of the same.

SUPPLIER'S AUTHORISED SIGNATORY

BHEL CERTIFIED ASSESSOR

**BHARAT HEAVY ELECTRICALS LIMITED
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ORGANISATIONAL INFORMATION

7.0 MANUFACTURING FACILITIES:

***7.1 LIST OF MANUFACTURING FACILITIES/EQUIPMENTS (INCLUDING MATERIAL HANDLING FACILITY)**

SL. NO	DESCRIPTION OF MACHINE/EQUIPMENT	QUANTITY	MAKE & YEAR OF INSTALLATION	REMARKS

IN CASE OF SPACE LIMITATION, PLEASE ENCLOSE ANNEXURE / CATALOGUE WITH TAG

*** 7.2 IF IN-HOUSE MFG FACILITIES NOT AVAILABLE, INFORM SOURCE OF MFG. DETAILS ALONGWITH THEIR FACILITIES & EXPERIENCE**

SL. NO	PROCESS OUTSOURCED	NAME OF THE COMPANY	DESCRIPTION OF MACHINE / EQUIPMENT	REMARKS

IN CASE OF SPACE LIMITATION ENCLOSE ANNEXURE / CATALOGUE WITH TAG

*** 7.3 RATIO OF OUTSOURCED COST TO TOTAL PRODUCTION VALUE:**

SUPPLIER'S AUTHORISED SIGNATORY

BHEL CERTIFIED ASSESSOR

**BHARAT HEAVY ELECTRICALS LIMITED
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8.0 INSPECTION & TESTING FACILITIES:

*** 8.1 LIST OF INSPECTION & TESTING FACILITIES / EQUIPMENT**

SL. NO	DESCRIPTION OF FACILITY/ EQUIPMENT & CAPACITY	NOS.	MAKE & YEAR OF MANUFACTURING	LAST DATE OF CALIBERATION

IN CASE OF SPACE LIMITATION ENCLOSE ANNEXURE / CATALOGUE WITH TAG

*** 8.2 IF IN-HOUSE TESTING FACILITIES NOT AVAILABLE, INDICATE SOURCE OF TESTING ALONGWITH THEIR FACILITIES & EXPERIENCE**

SL. NO	TEST	SOURCE OF TESTING	DESCRIPTION OF FACILITY/ EQUIPMENT & CAPACITY	APPROVAL OF EQUIPMENT/ PROCESS/PERSONNEL QUALIFICATION

IN CASE OF SPACE LIMITATION ENCLOSE ANNEXURE / CATALOGUE WITH TAG

Note:

In case of outsourcing of major testing such as NDT, Electrical & Mechanical Testing, no marks will be awarded. However, material composition testing by chemical method from recognized laboratory shall not attract negative marking

SUPPLIER'S AUTHORISED SIGNATORY

BHEL CERTIFIED ASSESSOR

BHARAT HEAVY ELECTRICALS LIMITED SUPPLIER REGISTRATION FORM

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ORGANISATIONAL 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				
	1 a) Cash on hand				
	b) Account receivable				
	c) Inventories				
	Total				
	CURRENT LIABILITY				
	2 a) Sundry creditors				
	b) Interest accrued but not due				
c) Other liabilities					
Total					
3	* QUICK RATIO <u>CA - INVENT. {9.5(1)-9.5(1)c}</u> Current liability {9.5 (2)}				
* 9.6	SALES				
	Growth over previous year (%)	-----			
* 9.7	PROFIT BEFORE TAX				
	Growth over previous year (%)	-----			
* 9.8	Whether the supplier has been referred to BIFR / NCLT / any other Govt agency (If YES , enclose details)				YES / NO
* 9.9	Whether the supplier 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 which ever 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>					
SUPPLIER'S AUTHORISED SIGNATORY			BHEL CERTIFIED ASSESSOR		

BHARAT HEAVY ELECTRICALS LIMITED SUPPLIER REGISTRATION FORM

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10. 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 REGN. : YES / NO
- (ii) Copy of certificate of following:-
- PERMANENT ACCOUNT NO : YES / NO
 - CENTRAL SALES TAX REGN NUMBER : YES / NO
 - STATE SALES TAX / TIN NUMBER : YES / NO
 - EXCISE DUTY REGN NUMBER : YES / NO
 - EXCISE CONTROL CODE NUMBER : YES / NO
 - SERVICE TAX REGN NUMBER : YES / NO
 - REGN NUMBER OF CATEGORY AS PER MSMED ACT : 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 ORDERS : YES / NO
- (v) Letter of approval from ASME / NTPC / NPC / EIL / DGS&D / RAILWAYS / IBR / LLOYDS ETC : YES / NO
- (vi) Accreditation certificate for
- ISO: 9001 : YES / NO
 - TOC of Quality System Manual : YES / NO
 - ISO : 14000 : YES / NO
 - OHSAS , ISO 18000 : YES / NO
- (vii) Letter regarding technical collaboration : YES / NO
- (viii) Experience List / Performance certificate : YES / NO
- (ix) Balance Sheet for the last four years along with audit Report : YES / NO
- (x) Principal's authorization in case of dealers/ agents : YES / NO
- (xi) EFT Bank's certificate : YES / NO

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

Maximum Marks = 50

Negative Marks = -13

Minimum Qualifying marks = 30

SUPPLIER'S AUTHORISED SIGNATORY

BHEL CERTIFIED ASSESSOR

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SUPPLIER REGISTRATION FORM**

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FORM NO. SRF(I) 01

Part B (QUALITY SYSTEM):

Sl. No	PARAMETERS	SYSTEM IN EFFECT (Tick if exists & provide evidences if ticked in written procedure)		RECORDS (Tick if available & submit evidences)	REMARKS
		Written Procedure	Practice		
1*	Incoming Material Control System				Furnish a copy of system and organization.
2*	In process control				Furnish at least one work instruction & record of process control parameter
3*	Manufacturing / Testing Procedure Qualification				Procedure Qualification specification may be submitted
4*	Personnel qualification for 3 above.				Record of Personnel qualification (PQR) to be submitted
5*	Calibration system				Submit list of instrument & their calibration status
6*	System of Identification & Traceability of materials, tools, jigs, fixtures & processed components, etc.				Copy of procedure to be submitted
7*	System of Storage, Preservation , Painting & packing				Copy of procedure to be submitted
8*	System of NCR disposition & corrective preventive action				Two copies of NCR & CAPA
9*	Customer complaints handling system				Submit list of customer complaints & status for the last three years
10*	Safety measures				Submit copy of safety system & Record of accidents for last three years
11	Any other quality initiative				

SUPPLIER'S AUTHORISED SIGNATORY

BHEL CERTIFIED ASSESSOR

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FORM NO. SRF(I) 01

Part B (QUALITY SYSTEM):

12. LIST OF ENCLOSURES

- (i) Copy of system of control incoming materials and organization chart
- (ii) Copy of at least one process control work instruction
- (iii) Record of process control parameter
- (iv) Copy of at least one Procedure Qualification specification
- (v) Record of Personnel qualification (PQR)
- (vi) List of instrument & their calibration status
- (vii) Copy of procedure for Identification & Traceability of materials, tools, jigs, fixtures & processed components, etc.
- (viii) Copy of procedure for Storage/ preservation/ painting & packing
- (ix) Copies of two NCRs and their CAPA.
- (x) List of customer complaints & status for the last three years
- (xi) Copy of safety system
- (xii) Record of accidents for last three years

Maximum Marks = 25

Minimum Qualifying marks = 15

SUPPLIER'S AUTHORISED SIGNATORY

BHEL CERTIFIED ASSESSOR

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Part C: TECHNICAL COMPETENCE

Technical competence shall be evaluated in two parts viz. common competence and product/material category specific competence.

(i) COMMON TECHNICAL COMPETENCE

TECHNICAL COMPETENCE (where design specification is given by BHEL)	MARKING RANGE	Marking range, if product specific technical competency not required	SUPPLIER RESPONSE (ALONG WITH SUPPORTING DOCUMENTS)#	MARKS BY BHEL
1. Supplier understands the product specification.	(0-3)	(0-8)		
2. Supplier understands the inspection requirements.	(0-2)	(0-5)		
3. Supplier has process capability to achieve the product specification/dimensional requirement.	(0-3)	(0-8)		
4. Supplier has experienced manpower to carry out the job.	(0-2)	(0-4)		
TOTAL MARKS OUT OF POSSIBLE	10	25		

OR

TECHNICAL COMPETENCE (where performance specification is given by BHEL)	MARKING RANGE	Marking range, if product specific technical competency not required	PROCEDURE		SYSTEM IN EFFECT		RECORDS	
			SUPPLIER RESPONSE (ALONG WITH SUPPORTING	MARKS BY BHEL	SUPPLIER RESPONSE (ALONG WITH SUPPORTING	MARKS BY BHEL	SUPPLIER RESPONSE (ALONG WITH SUPPORTING	MARKS BY BHEL
1. Design capability	(0-3)	(0-8)						
2. Adequacy of quality assurance plan	(0-2)	(0-5)						
3. Process capability for components	(0-3)	(0-8)						
4. Adequate of testing	(0-2)	(0-4)						
TOTAL MARKS OUT OF POSSIBLE Average of Total (Total/3) = -----	10	25						

(ii) PRODUCT/ MATERIAL CATEGORY SPECIFIC TECHNICAL COMPETENCE

(Max Marks: 15)

Unit MISCC to structure the parameters to be considered for the technical competence depending on material category. The score of individual parameter selected is to be decided by MISCC. MISCC shall identify the requirement of enclosures to be furnished by supplier.

Product:

Sl. No	Material category	Tech Parameter	Supplier's response	Remarks

To be filled up only on receipt of technical requirements/ specification, drawings, standards from BHEL and to be sent to BHEL for further scrutiny. Enclose documentary evidence where ever required.

LIST OF ENCLOSURES:

Maximum Marks = 25

Minimum Qualifying marks = 15

No marks is to be given by the supplier. Only supplier response along with supporting documents.

SUPPLIER'S AUTHORISED SIGNATORY

BHEL CERTIFIED ASSESSOR

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Part D : SCORE SHEET

1. ORGANISATIONAL SOUNDNESS (for Manufacturers):

S.N.	PARAMETER	CRITERIA	Maxm. Marks	Marks Awarded
1.	Whether all relevant information like ownership, PAN no., sales tax no., excise duty no., etc. submitted	Yes: 2 No: 0	2	
2.	3.4 YEAR OF COMMENCEMENT OF BUSINESS	More than 5 years : 2 1-5 years : 1 Less than 1 year : 0	2	
3.	5.1 POWER BACKUP	Yes : 1 No : 0	1	
4.	5.2 DOES THE COMPANY SELL ITS PRODUCT DIRECTLY	Yes : 1 No : 0	1	
5.	6.1 REGISTERED WITH ANY OF BHEL UNITS	Yes (same item) : 2 Yes (another item) : 1 No : 0	2	
6.	6.2 APPROVAL BY ASME/ NTPC/ NPC/ EIL/ DGS&D/ RAILWAYS/ IBR/ LLOYDS ETC	Yes : 2 No : 0	2	
7.	6.3 ISO 9001 ACCREDITATION	Yes : 3 No : 0	3	
8.	6.4 ISO 14000 ACCREDITATION	Yes : 1 No : 0	1	
9.	6.5 OHSAS - 18000 ACCREDITATION	Yes : 1 No : 0	1	
10.	6.6 TECHNICAL COLLABORATOR : (FOREIGN OR INDIGENOUS)	Yes : 1 No : 0	1	
11.	6.7 R & D SET UP	Yes : 1 No : 0	1	
12.	6.12 PENDING LEGAL ISSUES ON TECHNO – COMMERCIAL ASPECTS WITH CUSTOMER	Yes : -5 No : 0	0	
13.	7.1 & 7.2 MANUFACTURING FACILITIES INCLUDING OUTSOURCING	Adequate : 3 Substantial : 2 Inadequate : 0	3	
14.	7.3 RATIO OF OUTSOURCED COST TO TOTAL PRODUCTION VALUE	Less than 10% : 2 10 to 30 % : 1 More than 30% : 0	2	
15.	8.1 INSPECTION & TESTING FACILITIES	Adequate : 2 Substantial : 1 Inadequate : 0	2	
16.	8.2 OUTSOURCING OF MAJOR TESTING FACILITY (Refer Note)	Yes : 0 No : 1	1	
	TOTAL		25	

1. ORGANISATIONAL SOUNDNESS (for Indian Stockist/ Trader/ Distributor/ Dealer/ Authorised Agent/ Channel partner/ Indian Sales office or Subsidiary of registered foreign principal):

S.N.	PARAMETER	CRITERIA	Maxm. Marks	Marks Awarded
1.	Whether all relevant information like ownership, PAN no., sales tax no., etc. submitted (clause 6.0 of chapter V to be referred in this regard)	Yes: 7 No: 0	7	
2.	3.4 YEAR OF COMMENCEMENT OF BUSINESS	More than 3 years : 2 1-3 years : 1 Less than 1 year : 0	2	
3.	6.1 REGISTERED WITH ANY OF BHEL UNITS	Yes (same item) : 2 Yes (another item) : 1 No : 0	2	
4.	6.2 APPROVAL BY ASME/ NTPC/ NPC/ EIL/ DGS&D/ RAILWAYS/ IBR/ LLOYDS ETC	Yes : 2 No : 0	2	
5.	6.3 ISO 9001 ACCREDITATION	Yes : 2 No : 0	2	
6.	6.12 PENDING LEGAL ISSUES ON TECHNO – COMMERCIAL ASPECTS WITH CUSTOMER	Yes : -5 No : 0	0	

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Part D: SCORE SHEET

2. FINANCIAL INFORMATION (for Manufacturers):

S.N.	PARAMETER	CRITERIA	Maximum Marks	Marks Awarded
1.	9.1 Growth of Net Worth over previous year (%) Average of three years to be worked out	More than 20 % : 5 10 – 20 % : 4 5 – 10 % : 3 > 0 & < 5 % : 2 0 or below : 0	5	
2.	9.3 DEBT EQUITY RATIO <u>Long term Debt (9.2)</u> Net worth (9.1)	1 : 1 : 5 1.1 upto 1.5 : 1 : 4 1.6 upto 2.0 : 1 : 3 2.0 & above : 1 : 2	5	
3.	9.5 QUICK RATIO <u>CA - INVENTORIES {9.5(1)-9.5(1)c}</u> Current liability {9.5 (2)}	1 : 1 : 5 1 : 1 upto 1.5 : 4 1 : 1.5 upto 1.75 : 3 1 : 1.75 upto 2.5 : 2 1 : > 2.5 : 0	5	
4.	9.6 Growth in Sales over previous year (%) Average of three years to be worked out	More than 35% : 5 20 -35 % : 4 10 – 20 % : 3 5 – 10 % : 2 > 0 & < 5 % : 1 0 or negative : 0	5	
5.	9.7 PROFIT BEFORE TAX Growth over previous year (%)	More than 20 % : 5 10 – 20 % : 4 5 – 10 % : 3 > 0 & < 5 % : 2 0 or below : 0	5	
6.	9.8 Whether the supplier has been referred to BIFR / NCLT/ any other similar Govt agency	Yes: -5 No : 0	0	
7.	9.9 Whether the supplier is a potentially sick company	Yes: -3 No : 0	0	
TOTAL			25	

Note: If the supplier is new in business and does not have past data, then the evaluation will be done on the basis of information provided by him and will be decided by MISCC.

2. FINANCIAL INFORMATION (for Indian Stockist/ Trader/ Distributor/ Dealer/ Authorised Agent/ Channel partner/ Indian Sales office or Subsidiary of registered foreign principal):

S.N.	PARAMETER	CRITERIA	Maximum Marks	Marks Awarded
1.	9.6 Growth in Sales over previous year (%) Average of three years to be worked out	More than 35% : 5 20 -35 % : 4 5 - 20 % : 3 >0 - 5 % : 2 0 or negative : 0	5	
2.	9.7 PROFIT BEFORE TAX Growth over previous year (%)	More than 20 % : 5 5 – 20 % : 4 >0 – 5 % : 3 0 or below : 0	5	

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Part D : SCORE SHEET

3. QUALITY SYSTEM :

S.N.	PARAMETER	CRITERIA	Maxm. Marks	Marks Awarded
1.	Incoming Material control System	System availability : Yes: 1 No : 0	1	
		Availability of Organisation chart Yes: 1 No : 0	1	
2.	Process control	Work instruction available: Yes: 1 No : 0	1	
		Record of process Control : Available : 2 Partial record : 1 Not available: 0	2	
3.	Manufacturing / Testing Procedure Qualification	Procedure Qualification Specification : Adequate : 3 In adequate: 1 Not available : 0	3	
4.	Personnel qualification	Record of PQR: Adequate : 3 In adequate: 1 Not available : 0	3	
5.	Calibration system	Adequate : 3 In adequate: 1 Not available : 0	3	
6.	System of Identification & Traceability of materials, tools, jigs, fixtures & processed components, etc.	Procedure available : Adequate : 2 In adequate: 1 Not available : 0	2	
7.	System of Storage/ preservation/ painting & packing	Procedure available : Adequate : 2 In adequate: 1 Not available : 0	2	
8.	System of NCR disposition & corrective preventive action	Two copies of NCR & CAPA Available :2 Not available : 0	2	
9.	Customer complaints handling system	System available : Yes: 1 No : 0	1	
		Complaints registered & resolved :2 Complaints registered & partially resolved : 1 Complaints not registered or not resolved : 0	2	
10.	Safety measures	System available : Yes: 1 No : 0	1	
		Record available : Yes: 1 No : 0	1	
TOTAL			25	

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Part D : SCORE SHEET

4. TECHNICAL COMPETENCE

	Maximum Marks (1)	Marks obtained (2)
A. Common Technical Competence		

And/ or

B. Product Specific Technical Competence

Column no. 1 to 4 to be filled by MISCC before sending to supplier. Column no. 5 to be filled by BHEL certified Assessor after evaluation of supplier response.

Sl. No (1)	Parameter (2)	Scoring criteria (3)	Maximum Marks (4)	Marks obtained (5)
	Sub-Total		15	

TOTAL (A+B): 25 ()

SUMMARY:

Sl. No	Criteria	Maxm Marks	Qualifying marks *	Marks obtained	Recommendation for registration
1.	Organisational Soundness	50	30		Recommended : Permanent code /Development code/ Trial code Not recommended
	Financial Information				
2.	Quality System	25	15		
3.	Technical Competence	25	15		
	TOTAL	100	60		

***Minimum Qualifying Score in Each category shall be 60%.**

REGISTRATION CRITERIA:

Sl. No	Score	Recommendation
1.	More than 90	Supplier is to be registered and given Permanent code, Normally no visit is called for.
2.	>75 <=90	Supplier may be visited if recommended by MISCC or to be registered and given permanent code.
3.	>=60 <=75	Supplier may carry out suggested improvements if advised by MISCC Supplier's visit is mandatory. Trial/ Development code may be given.
4.	Less than 60	Not to be registered

Note: Indian Stockist/ Trader/ Distributor/ Dealer/ Authorised Agent/ Channel partner/ Indian Sales office or Subsidiary of registered foreign principal are to be awarded marks on pro-rata basis and registered accordingly.

Signatures: MISCC and Suppler Evaluation Team (in case of visit)

1) 2) 3)
4) 5) 6)

BHEL CERTIFIED ASSESSOR

Product: **BOILER QUALITY PLATES TO SA 299 Gr A (BOILERS)**Document No.: **TDC:0:201**Rev. No.: **06**Effective date: **24-03-08**

Page: 1 of 2

Rev Record: 01: 27.06.95: Modified based on feed back & amendment. Rev:02: text re-written. Rev 05: 27/02/04: Al.% relaxed to 0.05 from 0.03max. Bend test details indicated as supplementary test reference in the material Spec. is deleted .Rev: 06:14/02/08 SA 299 changed to SA 299 Gr A. Cl 1.0,3.0,4.0 and Cl 6.0 modified.

1.0 MATERIAL SPECIFICATION:

ASME: SA 299 Gr A (Latest as on PO date)., Additional Requirements as listed below (supplementary to Specification). Size, and Qty.: As per Purchase order (PO)

2.0 CHEMICAL COMPOSITION & PROCESS:

Killed steel, Final rolling: lengthwise. Vacuum treatment (S1 of SA 20). Plate thick(t)>80mm to be made only from ingots. Plate of $t \leq 80$ mm. can be made from continuous cast slabs. Reduction ratio in thickness from slab to plate shall be 3:1. Sufficient 'Top of Ingot' to be discarded to ensure plate free of segregation. After top discard, the increase in carbon content at the top-mid width-mid thickness of the plate shall not exceed 20% of the reported ladle analysis value. This value shall be reported in TC. Ladle analysis: 1 sample per cast, Product analysis: minimum one sample per plate as rolled.

Max. Carbon: 0.28%, Max. Al: 0.05%. CE: $C + Mn/6 + Si/24 + Ni/40 + Cr/5 + Mo/4 + V/14 \leq 0.55\%$ for $t \leq 150$ mm., 0.58% for > 150 mm.

3.0 HEAT TREATMENT (HT):

As rolled or Normalized as per mill practice. If Normalize Temperature: 870-900deg.C

4.0 SIMULATION HEAT TREATMENT for test coupons in addition to Cl.:3.0:

Normalize: 870-900deg.C for 0.5hr/inch t, SR: 615+/-10deg.C, 3 hr./inch t, furnace cool to 400deg.C. ROH/ROC for SR: $< 220/t$ deg.C/hr. (t in inch), but need not be slower than 55 deg.C/hr.

5.0 MECHANICAL TESTS on simulation Heat Treated coupon:

Extent of test: For each rolled plate. Bend test: The longitudinal axis of the test specimen shall be transverse to the final rolling direction of the plate. The specimen thickness shall be 30 mm and width 45 mm, to be bent on a pin dia. of 3 times the thickness of the specimen. The as rolled surface of the specimen shall be on the outer surface. Two specimens shall be taken to cover the entire thickness of the plate. The angle of bend shall be 180°

High temperature tensile test: S7 of SA 20. Min. yield strength at 350 deg.C: 21.2 Kg/sq.mm.

6.0 NON DESTRUCTIVE TEST:

Ultrasonic test: SA578. Acceptance criterion : Level B.

7.0 DIMENSIONAL TEST:

Tolerance on thickness of plates shall be positive only.

8.0 FINISH AND REPAIRS:

Plates to be free from loose mill scales & injurious defects. Repairs by fusion welding prohibited. Mechanical Removal of defects permitted subject to min. thickness & smooth surface.

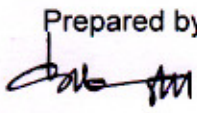
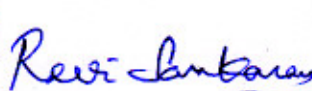
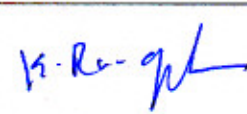
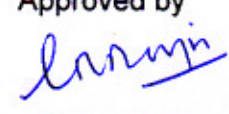
9.0 MARKING:

Specification, grade, Melt number, Plate number, Maker's emblem/code, Inspecting Authority's seal to be stamped with low stress stamp on each plate and bordered by white paint. Rolling direction shall be marked by paint. PO No., "BHEL - Tiruchirappalli" & weight to be painted on the product.

10.0 INSPECTION AND CERTIFICATION:

Products to be inspected at works & test certificates(in ENGLISH)countersigned by Inspecting Authority as below: Imported: Inspecting Authority approved by IBR for country of origin.(to be concurred by BHEL) Indigenously supplied IBR items: Boiler Inspectorate/directorate of Boilers of respective State. Test certificate in English for each product with following details shall accompany the product.(in format approved by Boiler Inspectorate):

1. Purchase Order No.(BHEL),TDC No., Test certificate number & Quantity.
2. Specification and Grade with applicable year of code, Heat Number, Plate number.
3. Steel making process, Chemistry including incidental elements - Ladle and Product analysis.
4. HT details of material and test coupons like temperature, soaking time, cooling medium etc.
5. Mechanical, NDE & other test results with reference, acceptance standards.
6. Print of the stamp of Inspecting Officer, which is used on the plate.

Prepared by  V.Kalyanaraman	Reviewed by <div style="display: flex; justify-content: space-around;"> <div style="text-align: center;">  U. Revisankaran </div> <div style="text-align: center;">  K.Rengachari </div> </div>		Approved by  C.R.Raju
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