



ENQUIRY
(INDIGENOUS)

BHARAT HEAVY ELECTRICALS LIMITED

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

PHONE : 2577629
GRAMS : BHARATELEC
FAX NO: 2520719
E-mail: tsraj@bheltry.co.in
Web:

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Enquiry No	Enquiry Date	Due Date for Quotation
2610800109	12.07.2008	09.09.2008
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	54221140DNP Bare Ferritic SAW wire Dia 4.0 mm as per Specification WCPS-803. Batch testing at Supplier's works.	KG	9000.000	9,000.00	13.09.08
20	54221150DNP Bare Ferritic SAW wire Dia 5.0 mm as per Specification WCPS-803. Batch testing at Supplier's works.	KG	9000.000	9,000.00	13.09.08
30	54241100DNP Flux for Ferritic SAW wire as per Specification WCPS-803. Batch testing at Supplier's works.	KG	27000.000	27,000.00	13.09.08

General Note:

I) Test Certificate, Guarantee Certificate and Third Party Inspection Certificate as per WCPS-803 (copy enclosed) should be provided.

II. COMMERCIAL TERMS AND CONDITIONS

1., QUOTATIONS

The Bidders shall submit the offer in TWO INNER ENVELOPES as indicated below which shall be sealed in one outer envelope.

Envelope I This sealed envelope should contain all the copies of technical bid together with un-priced commercial bid. This envelope should be clearly marked "Part I - Technical and commercial bid", indicating Enquiry No., Due Date and Address & Reference of the Bidder.

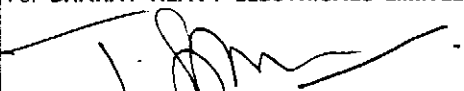
Envelope II This sealed envelope should contain price details. This envelope should be clearly marked "Part II - Price bid", indicating Enquiry No., Due Date and Address & Reference of the Bidder.

Both the envelopes (Part I & II) shall be put in one cover, duly sealed, superscribing as Part I and Part II of Enquiry No., due date of opening and the address and reference of the Bidder.

The above offer should reach this office on or before the due date by

The offers should reach us before the time of opening of tenders.
The offers will be opened at 14:30 hours on the due date in the presence of the tenderers who may like to be present.
Late tenders are liable to be rejected.

Yours faithfully,
For BHARAT HEAVY ELECTRICALS LIMITED


MANAGER / PURCHASE
(FOSSIL BOILERS)

T.SELVARAJ
Deputy General Manager
Capital Purchase,
BHEL, Thiruchirappalli-620 014.



BHARAT HEAVY ELECTRICALS LIMITED

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2/2

2610800109 / 12.07.2008

17770

14.00 Hrs (IST). Late offers will not be considered.

2. POINT TO POINT CONFIRMATION TO BHEL'S SPECIFICATION AND COMMERCIAL TERMS AND CONDITIONS SHOULD BE PROVIDED IN THE ENCLOSED SHEET.

3. DETAILED CATALOGUE AND DRAWINGS SHOULD BE SENT ALONG WITH YOUR TECHNICAL OFFER.

Enclosures:

"LD clause has to be confirmed without fail."

"Payment to vendors will be made only thro E-Payment mode"

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The offers will be opened at 14:30 hours on the due date in the presence of the tenderers who may like to be present.
Late tenders are liable to be rejected.

Yours faithfully,
For BHARAT HEAVY ELECTRICALS LIMITED

MANAGER / PURCHASE
(FOSSIL BOILERS)
Yours faithfully,

T.SELVARAJ

BHEL, THIRUCHIRAPALLI - 620014.

**1.0 SCOPE**

- 1.1 This specification prescribes the requirements for bare (copper - coated) ferritic electrode and flux for submerged arc welding process.

2.0 ELECTORDE (S3 Ni Mo1 or Equivalent)**2.1 General requirements**

- 2.1.1 The proposed electrode shall have the TUV approval for use on 20 Mn Mo Ni55 material.
- 2.1.2 The technical delivery conditions shall be as per DIN 1913-B.1.2.
- 2.1.3 The electrode shall be manufactured and controlled according to VdTUV 1753, ASME Section III NB Div. I & ASME Sec II - Part C.
- 2.1.4 The electrode shall be certified according to DIN 50049 - 3.1B.
- 2.1.5 The entire quantity ordered shall be supplied in minimum number of melts only.

2.2 Chemical Composition

- 2.2.1 The chemical composition of the electrode shall generally conform to EF1 of SFA 5.23 of Section II Part 'C' of the current ASME Code with the following restrictions:

C	0.12% max.
Mn	1.4 - 1.6%
Si	0.15% max.
P	0.010% max.
S	0.010%
Mo	0.55 - 0.70%
Ni	0.90 - 1.2%
Cu	0.06% max.

Elements Cr , Ti , Al , V , Ta , Sn , N & Co shall be analysed and Reported .



2.3 Finish and Temper

2.3.1 Finish

Electrodes shall have a smooth finish, free from slivers, depressions, seams, laps, scratches, scale or other foreign matter that would adversely affect the welding characteristics, the operation of the welding equipment, or the properties of the deposited weld metal.

2.3.2 Temper

Electrodes shall be suitable for uniform uninterrupted feeding on automatic or semi automatic welding equipment.

2.4 Winding Requirements

2.4.1 Liners used in coils with support are for the purpose of preventing damage or distortion during normal handling and use of electrode upon them. Liners shall be sufficiently clean and dry to maintain the cleanliness of the electrode.

2.4.2 Each coil shall be of only one heat and be of continuous length of electrode.

2.4.3 A spooled electrode shall be closely wound in layers with or without gap between layers and without kinks, waves, sharp bends which would interfere with the free feeding of the electrode or any unwinding of the spool. The free end of the spooled electrode shall be secured and identified to enable easy location.

2.4.4 The cast and helix of the electrodes shall be such as not to interfere with the uniform, uninterrupted feeding of the electrode. The cast and helix shall be conforming to the following.

Cast 380/420 mm.

Helix Max. 25 mm.

2.5 Packaging

**2.5.1 Coil Size**

Inner diameter 300 mm

Width 100 mm

Approx. weight 25 kg.

2.5.2 Each coil shall be wrapped in corrosion shielding gas paper and sealed with plastic foil. Each of such packs shall be contained in cardboard boxes and several such boxes being crated in sea-worthy wooden cases.

2.5.3 An identification tag shall be attached to each coil in addition to the label put on every spool and cardboard box.

2.6 Marking

2.6.1 Each spool and the outside of each package shall be legibly marked with the following information.

1. Classification and specification numbers.
2. Supplier's name and trade designation.
3. Electrode size and net weight.
4. Lot, control or heat number.

3.0 FLUX

Fused and ground, basic (LW -330 or Equivalent)

3.1 General Requirements

3.1.1 The proposed flux shall have the TUV approval for use on 20 Mn Mo Ni 55 material.

3.1.2 Flux classification as per DIN 8557 shall be 10 by 545 Type FFB.

3.1.3 The flux shall be manufactured and controlled according to VdTUV1753, ASME Sec. III NB Div I & ASME Sec II - Part 'C'.



3.1.4 The technical delivery conditions shall be as per DIN 1913-B1.2.

3.1.5 The flux shall be certified according to DIN 50049.3.1B.

3.1.6 The entire ordered quantity shall be supplied in one batch only.

3.2 Composition of Pure Weld Metal

3.2.1. The chemical composition of pure weld metal shall be generally conforming to F 108-EF1-F1 of SFA 5.23 Section II Part 'C' of the current ASME Code with the following limitations.

C	0.08 - 0.10%
Mn	1.4 - 1.6%
Si	0.15 - 0.25%
P	0.015%
S	0.008%
Mo	0.50 - 0.60%
Ni	0.90 - 1.0%
Cu	0.06%

3.3 Main Constituents of the Flux

3.3.1 Suggested constituents of the flux by weight is as follows

SiO ₂	+	TiO ₂	15%
CaO	+	MgO	30%



Al_2O_3 + MnO 20%

CaF_2 20%

Basicity 3 (after Tyler)

Each batch / lot of flux shall be subjected to check analysis and values reported.

3.4 Particle Size

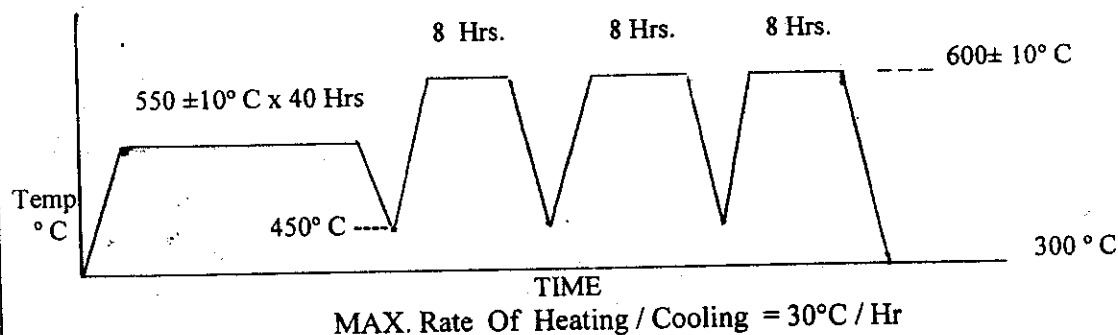
The flux shall have the following size

8 x 48 G (after Tyler)

Each batch / lot of flux shall be furnished with Mesh-size certificate.

3.5 Heat Treatment

Suitable test coupons shall be made using the above electrode flux combination for testing all weld metal properties. The weld test coupons, shall be subjected to the following heat treatment. Maximum Rate of Heating & Cooling shall be $30^\circ\text{C} / \text{Hr}$.



3.6 Mechanical Properties of All Weld Metal

3.6.1 Mechanical tests prescribed in 3.6.2 shall be conducted on specimens which have undergone a heat treatment indicated in 3.5. The weld metal mechanical properties shall be compatible and better than those for base metal. The guaranteed values shall be furnished in the bid.



3.6.2 The weld test coupons shall be subjected to the following tests:

- a) One tensile test along welding direction, each at Room Temperature and at 350° C and one tensile test in the through thickness direction (Test temperature to be reported).
- b) Charpy V - notch impact test shall be conducted at Six different temperatures including -15° C and +18° C to fully define upper and lower energy shelves. The upper energy shelf shall have 100% shear fracture and lower energy shelf a maximum of 10% shear fracture. The test reports shall include absorbed energy, percent shear fracture and lateral expansion plotted against temperature. The values shall meet the requirements of 3.7.2.
- c) The transverse side bend tests (full thickness).
- d) Drop weight test.
- e) Chemical analysis.

3.7 Mechanical properties of 20 Mn Mo Ni 55 Base Metal

3.7.1 Tensile Test

	RT	350°C
Tensile strength N/mm ²	580 - 700	510 min.
Yield strength N/mm ² (0.2% proof stress)	430 min.	363 min.
% Elongation in 50 mm Gauge length	19 min.	16 min.
% Reduction in area	45 min.	To be reported.

3.7.2 Impact Strength

ISO-V impact specimens tested at -15°C and + 18°C shall exhibit following minimum properties.

3.7.2.1 Average of 3 specimen (at -15°C)	41J
Min. Single value (at -15°C)	34J



3.7.2.2 At +18°C min. Impact strength 68J
Lateral expansion 0.9 mm min.

3.7.2.3 Charpy V transition curves shall be established using the minimum absorbed energy, lateral expansion and % shear fracture values against temperatures as specified in 3.6.2 (b). The Cv curves shall comply with the values in 3.7.2.1 and 3.7.2.2.

3.7.2.4 The Nil ductility transition temperature as determined by drop weight test as per ASTM-E-208-84a shall not be higher than -15°C.

3.7.3 Side bend Test

3.7.3.1 The specimen shall withstand being bent cold through 180° without cracking on the outside of the bent portion, using a mandrel of diameter of 4 x thickness.

3.8 Chemical Analysis

Chemical composition of the pure weld metal shall conform to the requirements of 3.2.

3.9 The chemical and mechanical properties of the pure weld metal as specified above shall be obtained from a weld deposit made using the proposed flux in conjunction with a wire meeting the requirements of 2.2. The welding and testing procedures used shall be subjected to Purchaser's approval. The welding and testing specified herein are applicable to each batch/lot of welding consumable.

3.10 Packaging and Storage

3.10.1 Flux shall be suitably packaged to insure against damage during shipment or storage under normal conditions.

3.10.2 A flux in the original unopened package shall withstand storage under normal conditions for atleast four years without such storage affecting its welding characteristics or the weld properties.

3.10.3 The flux shall be packed in 250 kg. Water tight steel drum and sealed.

3.11 Marking

The outside of each drum and the package in which flux is furnished shall be legibly marked with the following information.

1. Flux classification and specification numbers.
2. Suppliers name and trade designations.
3. Net Weight.
4. Lot, batch or control number.

CAPITAL PURCHASE
COMMERCIAL TERMS AND CONDITIONS

1.0 QUOTATIONS

The Bidders shall submit the offer in **TWO INNER ENVELOPES** as indicated below which shall be sealed in one outer envelope.

Envelope I This sealed envelope should contain all the copies of technical bid together with un-priced commercial bid. This envelope should be clearly marked **"Part I - Technical and commercial bid"**, indicating Enquiry No., Due Date and Address & Reference of the Bidder.

Envelope II This sealed envelope should contain **price details**. This envelope should be clearly marked **"Part II - Price bid"**, indicating Enquiry No., Due Date and Address & Reference of the Bidder.

Both the envelopes (Part I & II) shall be put in one cover, duly sealed, superscribing as Part I and Part II of Enquiry No., due date of opening and the address and reference of the Bidder.

The above offer should reach this office on or before the due date by 14.00 Hrs (IST). Late offers will not be considered.

Tender should not be addressed to any Individual's name but only by designation to:

**DEPUTY GENERAL MANAGER / SP & WC
BHARAT HEAVY ELECTRICALS LIMITED
HIGH PRESSURE BOILER PLANT
TIRUCHIRAPALLI - 620 014
TAMIL NADU, INDIA**

Tenders should be free from **CORRECTION AND ERASURES**, Corrections if any, must be attested. All amount 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.

Offers should be in **ENGLISH** and accompanied by detailed technical literature, catalogue and detailed dimensional drawings in **ENGLISH** or otherwise, the offers will not be considered.

2.0 PART I (TECHNICAL & COMMERCIAL BID)

2.1 Technical

This part shall include / indicate the following :

- 2.1.1. Offer should contain complete scope of supply with all technical details, specifications, delivery and other commercial terms and conditions.
- 2.1.2. Point by point confirmation for the Technical Specification enclosed to be provided. if there are any deviation, the same should be clearly specified. Offers received without confirmation to our specification will be rejected.
- 2.1.3. Relevant catalogues to be attached
- 2.1.4. Information on shipping weight and cubage (length, width & height) to be provided.
- 2.1.5. Incase of foreign bidder offer, the Principal's technical offer should be enclosed.

2.2 Commercial

This part shall include / indicate the following :

- 2.2.1. Port of shipment / Station of despatch
- 2.2.2. Terms of payment
- 2.2.3. Taxes & duties applicable.
- 2.2.4. Delivery Schedule
- 2.2.5. Offer validity
- 2.2.6. Country of origin
- 2.2.7. Percentage of agency commission if any along with a copy of Agency agreement.
- 2.2.8. A copy of "Un-Priced Part II" i.e., a copy of the Price Bid **without the price details** to be enclosed

3.0 PART II (PRICE- BID)

This part should contain the schedule of price particulars and to be co-related to the technical details provided in Part I.

4.0 OPENING OF TENDERS

The Part I - Technical & commercial bid alone would be opened on the Tender opening date. The Part II - Price bid of Technically suitable Bidders alone would be opened. The Technically suitable Bidders would be informed about the tender opening date. Clarifications if any required by BHEL for Technical evaluation would be sought from Bidders before opening of Part II - price bid.

5.0 GENERAL

- 5.1. Incomplete offers will not be considered.
- 5.2. **Fixed price:** Prices quoted by the bidder shall be fixed and not subject to any escalation whatsoever during the period of bid validity and execution of the Purchase Order. A bid submitted with an adjustable price will be treated as non - responsive and rejected. Prices shall be written in words and figures. In the event of difference, the price in words shall be valid and binding. Unit prices shall be considered correct in the event of any discrepancy with regard to total price.
- 5.3. **Bid currency:** Indian bidders should submit the prices only in Indian Rupees. Foreign bidders may submit their bid in their home currency.
- 5.4. **Terms of Delivery:** Bidders are required to quote their best delivery period. Foreign Bidders should submit their offer for net **FOB Nearest Sea / Air Port**. Indian Bidders should submit their offer for **FOR Despatching station**.
- 5.5. **Taxes and Duties :** All Taxes and Duties payable as extra to the quoted price should be specifically stated in offers along with CST & TNGST No / Tariff No. etc., failing which the purchaser will not be liable for payment of such Taxes and Duties. Our T.N.G.S.T No. 356005 Dt. 04-04-1995, C.S.T. No. 239383 dt. 11-06-1991.
- 5.6. **Validity :** The offers shall be kept open for acceptance for **120 days (one hundred and twenty days)** from the date of opening of the tender (Part I).
- 5.7. **Terms of Payment :**
 - 5.7.1. **Indian Bidders**
 - 5.7.1.1. The preferred payment terms are indicated below :

5.7.1.3. 100% payment, within 45 to 90 days, after receipt / acceptance / commissioning of equipment at BHEL, Tiruchi..

5.7.2. Foreign Bidders

An Irrevocable Letter of Credit shall be established for 90% of the value of the goods. Balance 10% shall be paid on receipt / acceptance / commissioning of the goods at BHEL. All bank charges outside India are to Vendor's account.

- 5.8. **Liquidated damages** : It is clearly understood among the parties to the contract the “**Time is the essence of the contract**”. Therefore, the delivery of the goods specified in the purchase order should be made within the time prescribed. Where the seller supplies or despatches the goods, beyond the delivery period specified the purchaser will have no obligation to accept the goods. If accepted liquidated damages at the rate of 1/2% of the value of goods delayed for each week of delay subject to a maximum of 15% of the order value will be levied.
- 5.9. **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 despatch within the time stipulated as aforesaid or if the same were not available, the best and the nearest available substitute therefor. The supplier shall be liable for any loss which the Purchaser may sustain by reason of such risk purchases.
- 5.10. **Agency commission** : In case of Foreign Bidders, agency commission if any, payable to their Indian Agents, shall shown separately in the Offer. This will be paid by us in India, in Indian Rupees, on satisfactory completion of the Contract. Copies of current Agency Agreement / Authorization Letter in respect of Agency Commission shall be furnished alongwith offer. For calculation of Rupee equivalent of Agency Commission, exchange rate as prevailing on the date of offer will be taken.
- 5.11. **Test certificates / Operating and Maintenance manuals** : The Bidders shall clearly mention in their offer, that Test Certificates and Operating Maintenance Manuals, etc., as called for in the Technical Specification, in the required number of copies will be provided at no extra cost.
- 5.12. **Modvat credit** : (for Indian Bidders only) 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 his input materials, the effect of proforma credit should be passed on to the purchaser.
- 5.13. **Packing and marking** : The Supplier shall arrange for securely protecting and packing the stores to avoid loss or damages during transit.
- 5.14. **Indian agents representing Foreign Manufacturer**: Indian agents representing foreign manufacturer should enclose with their offer the letter from their Principal authorising the Indian agent to submit the offer on the Principal's behalf. However the original offer should be directly from the Principal. In case the Indian agent submits offer on their Letter head then a cover letter (in original) from the Principal should be enclosed, clearly mentioning that they are bound by the offer submitted by the Indian agent on their behalf.
- 5.15. Purchase preference will be given to CPSUs as per Government guidelines.
- 5.16. BHEL shall be at liberty to reject or accept any tender, part or in full, at their own discretion and any such action is not liable for any question or claim against BHEL.

For any queries / clarifications the bidders may contact us through our FAX NO. +91 431 2520719 or through e-mail tsraj@bheltry.co.in (or) psivasub@bheltry.co.in

As on 1st January 2007.

INSPECTING AUTHORITIES

<u>NAME OF THE AUTHORITY</u>	<u>AREA OF OPERATION</u>
1. Chief Inspector of Boilers Assam	Assam
2. Chief Inspector of Boilers West Bengal.	West Bengal
3. Chief Inspector of Boilers Bihar.	Bihar
4. Director of Boilers, Maharashtra.	Maharashtra
5. Chief Inspector of Boilers, Gujarat.	Gujarat, Daman & Diu and Dadra & Nagar Haveli
6. Chief Inspector of Boilers, Delhi.	N.C.T.D.
7. Chief Inspector of Boilers, Tamil Nadu.	Tamil Nadu
8. Director of Boilers, Madhya Pradesh.	Madhya Pradesh
9. Director of Boilers, Punjab.	Punjab
10. Chief Inspector of Boilers, Orissa	Orissa
11. Director of Boilers, Uttar Pradesh.	Uttar Pradesh
12. Director of Boilers, Andhra Pradesh.	Andhra Pradesh
13. Chief Inspector of Boilers, Karnataka.	Karnataka
14. Chief Inspector of Boilers, Rajasthan.	Rajasthan
15. Chief Inspector of Boilers, Kerala.	Kerala
16. Chief Inspector of Boilers, Haryana.	Haryana & Chandigarh
17. Dy. Chief Inspector of Boilers, Pondicherry Administration, Pondicherry.	Pondicherry
18. Chief Inspector of Boilers, Himachal Pradesh.	Himachal Pradesh

CBF 11364

CBF 113427

CBF 113427

19. Chief Inspector of Boilers,
Goa.
20. Chief Inspector of Boilers,
Chhatisgarh
21. Deputy Director of Factories & Boilers,
Uttaranchal.
22. Chief Inspector of Boilers
Jharkhand
23. The Hartford Steam Boiler Inspection and Insurance
Company of Connecticut,
Code Services, One State Street,
P.O. Box 299, Hartford,
CT 06141-0299 USA.
24. M/s. TÜV Nord (RWTUV)
Langemarckstrasse 20,
451141 Essen,
GERMANY.
25. M/s. Royal & Sun Alliance Engineering,
17, York Street, Manchester,
M2 3RS, ENGLAND
26. M/s. Japan Inspection Company Limited,
No10-7, 1-Chome,
Hatchobori chuo-ku, Tokyo-104-0032,
JAPAN.
27. M/s. S.G.S. Korea Company Limited,
Industrial Division,
Yoochang Building,
25-2, 4-Ka, Jungang-Dong Jung-Gu,
Busan, KOREA.
28. M/s. Bureau Veritas,
17 bis, Place des Reflets,
La Defense 2,
92400 Courbevoie,
FRANCE
29. M/s. Lloyds Register of Verification Limited,
71, Fenchurch Street,
London EC3M 4BS,
U.K.
30. M/s. Technischer Überwachungs Verein
Saarland e.V.
Saarbrucker Straße 8,
66280 Sulzbach, GERMANY
31. M/s. Veritas Certification Bureau Ltd.,
311a Kings Road, Clifton House,
Reading, RG1 4RQ,
United Kingdom

Goa

Chhatisgarh

Uttaranchal

Jharkhand

In whole of world except India

All countries except India

In whole of world except India

Japan

Korea/Japan

All countries except India.

All countries except India.

Europe

All countries except India

CBF 113664

CBF 113427

CBF 113427

33. M/s. Velosol Certification Bureau Ltd.,
318a Kings Road, Clifton House
Reading, Berkshire, RG1 4JG,
United Kingdom
34. M/s ABSG Consulting Inc.
16855, North Chase Drive,
Houston, Texas 77060-6008, U.S.A.
35. M/s Moody International Ltd.,
Cuckfield House, High Street,
Cuckfield, West Sussex,
RH 17 5EL, U.K.
36. M/s TÜV Rheinland,
Berlin-Brandenburg, Am
Grauen Stein - 51195 Klon,
Germany.
37. M/s OOO "Tekhnologicheskie Energostime",
1, Kalinina St. Belgorod, 308001,
RUSSIA.
38. M/s Det Norske Veritas,
Veritasveien 1, P.O. box 300,
N-1322, Hovik,
NORWAY.
39. M/s National Test House,
11/1, Judges Court Road,
Alipore, Calcutta - 700027.

CBF113664

CBF113427

CBF113427

CAPITAL PURCHASE & SP / MM / MFG.
Bharat Heavy Electricals Limited, Tiruchirapalli 620 014
(To be filled and submitted along with offer)

BHEL Commercial Terms and Conditions for Imports(Overseas supplies)	Vendor's Conformation / comments
Technical confirmation to BHEL's specification as called for in BHEL format shall be furnished. If needed additional sheets shall be used	
Prices shall be quoted item wise only as per the model format enclosed	
Prices shall be quoted on 'FIRM PRICE' basis only. The prices should be only on F.O.R./Despatching station basis inclusive of Packing & Forwarding charges if any. Applicable % of ED & Sales Tax should be clearly indicated.	
Validity of offer shall be for a minimum period of 120 days from the date of tender opening	
Delivery period from the date of Letter of Intent shall be clearly mentioned in the offer	
Liquidated Damages @ 1 / 2 % per week subject to a maximum of 15% of the order value shall be applicable for delay in deliveries	
Following Risk Purchase Clause shall be applicable 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 or if the same were not available, the best and the nearest available substitute therefore. The supplier shall be liable for any loss which the Purchaser may sustain by reason of such risk purchases.	
Payment terms for supply portion: • 100% on CAD BASIS alternatively 100% THROUGH L.C.	
Payment terms for Indian Agent: Indian Agency commission, if any, shall be clearly specified in the offer and same will be paid in Indian rupees against acceptance/commissioning of the equipment.	
The materials shall be guaranteed for a period of 12 months from the date of commissioning	
Part shipment or transshipment is not permissible	
In case of any short shipment in the main equipment / spares, where separate rates are not available in the contract, the customs duty levied on such supplies, shall be borne by the supplier/Indian agent.	
Equipment will be inspected and proved at vendor's works prior to dispatch wherever applicable. However final inspection and acceptance of equipment will be after installation at BHEL Tiruchi.	
The vendor shall provide necessary drawings. Test Certificates and Operating Maintenance Manuals etc. as called for in the Technical specification, in the required number of copies at no extra cost	
Any warranty replacement during warranty period shall be supplied free of charges on FOR BHEL Tiruchi basis	
Offers should be submitted only in sealed cover super-scribing clearly the enquiry reference and due date.	

NOTE:

- b) It is confirmed that all the terms and conditions stipulated in the Enquiry have been fully understood by us and all clarifications & details have been obtained.
- c) Your specific acceptance to our payment terms, LD, Risk Purchase Clause & Submission of PBG for 10% of the order value are essential for consideration of your offer. Otherwise your offer is liable for rejection.

Signature & Office seal of the vendor

BHEL ENQUIRY NO & DATE

VENDOR OFFER REF NO. & DATE

MODEL PRICE BID FORMAT FOR FOREIGN VENDORS

S.No. Description of Item

Unit Qty Rate Value

Ex-works Value

Packing & Forwarding Charges, if any

FOB charges, if any

FOB Value

Approximate Freight charges

Approximate Transit Insurance
charges

Approximate Gross Weight, Nett

Weight & Dimensions of the

Consignment

Signature & Seal of Vendor

**NOTE: The Price bid should submitted strictly in line with the above FORMAT.
(Model Price Bid Format for Indigenous vendors on the reverse)**