



ISO 9001:2008
&14001:2004
NAVARATNA
COMPANY

MATERIAL MANAGEMENT (PURCHASE)
CENTRAL FOUNDRY FORGE PLANT, BHEL HARDWAR
RANIPUR, HARIDWAR (INDIA) - 249403
Phone No. +91-1334-281277/284684, FAX No. 225892
e-mail : rohit_v@bhelhwr.co.in

Sub: Tender Enquiry No: 1209/P/351/3/0144E1 due on 02.08.13, at 2.00 PM

Dear Sir,

We are pleased to invite offer as per enclosed specifications, drawings with terms and conditions in sealed covers for the under mentioned items.

SI No	Tender No	Description of Material	Qty	Date & Time of Opening
01	1209/P/351/3/0144E1	Chromite Sand	1500 MT	02.08.13 at 2.00 PM

KINDLY READ TERMS AND CONDITIONS. OFFER NOT IN ACCORDANCE WITH THE INSTRUCTIONS IS LIABLE TO BE DISQUALIFIED OR IGNORED.

Please visit www.bhel.com or www.bhelhwr.co.in for more details and tender documents.

Unregistered vendors should download Vendor Registration Form and submit same duly filled along with offer.

Thanking You,

Yours Faithfully,
For & On behalf of CFFP, BHEL, Hardwar

(Rohit Varshney)
Dy. Manager (Purchase)

Note: Corrigendum if any shall not be published, kindly refer websites for any changes.

CFFP



निविदा सूचना
TENDER ENQUIRY

AA-17001

भारत हैवी इलैक्ट्रिकल्स लिमिटेड
Bharat Heavy Electricals Ltd

सेन्ट्रल फाउन्ड्री फॉर्ज प्लांट- हरिद्वार - २४६४०३ (भारत)

Central Foundry Forge Plant, Haridwar-249403 (INDIA)

Phone : (0091) 01334- 281639,281385,285336 Fax : 01334 225892 / 226458

TIN NO. 05001763485
C S T NO. HR-5018287 Dt. 16-03-1995

निविदा सूचना सं. ENQUIRY NO.*	1209 P/ 351/3/0144E1	दिनांक Date	02-07-2013
-------------------------------	----------------------	-------------	------------

कृपया निम्नलिखित के लिए निविदा दें। PLEASE QUOTE FOR THE FOLLOWING :

MATERIAL CODE QUANTITY UNIT LOTNO
ITEM DESCRIPTION

DOCUMENTS. IN CASE SUPPLIES ARE FROM TRADERS, IT SHALL BE THE RESPONSIBILITY OF THE TRADER TO PROVIDE ORIGINAL MANUFACTURER'S TEST CERTIFICATE WITH LINKAGE TO TRADER'S INVOICE STATING BATCH NO.

5. CFFP/BHEL Reserves the right to procure from more than one vendor.

6. Please quote prices in figures & words both. In case the prices quoted in words and figures are different, the values indicated in words will be considered for evaluation & establishing L1 status.

* The offers of the bidders who are on the banned list as also the offers of the bidders, who engage the services of the banned firms, shall be rejected. The list of banned firms is available on web site www.bhel.com


02/7/13
ROHIT VARSHNEY

Dy. Manager(Purchase)

★ महत्वपूर्ण : कृपया कोटेशन देने से पूर्व पीछे दिए गये अनुदेशों को ध्यानपूर्वक पढ़िये।

IMPORTANT : PLEASE READ CAREFULLY THE INSTRUCTIONS GIVEN ON REVERSE BEFORE QUOTING

Name of Vendor:.....

Evaluation shall be done on the basis of delivered cost (i.e.) "total cost to BHEL". Confirmation/comments on the conditions given below are mandatory. Please confirm the following or else your offer is liable to be rejected.

	Description	Vendor Confirmation /Comment (In case of blank, it shall be deemed to be accepted by vendor)
1	Guarantee Certificate (as per specification/enquiry) shall be provided along with despatch documents.	
2	Please specify whether you are a manufacturer or a trader of this material. In case of Trader, mention the name of manufacturer & provide authorisation from manufacturer. Also submit typical test certificate from manufacturer indicating grain size distribution, turbidity, chemical composition, clay & moisture content.	
3	Original Manufacturer's Test Certificate shall be provided along with despatch documents.	
4	Third party inspection shall have to be arranged by supplier from any of the five inspection agencies namely: LRS/ BVQI/ DNV/ TUV/ Alfred H Knight at their cost Scope of third party inspection attached with enquiry.	
5	Final inspection shall be carried out after receipt of material at CFFP. However, CFFP reserves the right to pre inspect the material at supplier works.	
6	Delivery shall be made on FOR Destination basis, destination being Stores/CFFP/BHEL Haridwar, Freight & Insurance charges to vendor's account. From foreign vendors (on whom order is placed) the delivery preferred is on DDP / DAP basis. However Delivery on CIF basis is also acceptable	
7	CFFP Reserves the right to open the price bid through Reverse Auction. Confirm your acceptance / participation.	
8	Payment Term. For indigenous suppliers: 100% within 30 days after receipt & acceptance of material at CFFP / BHEL, Haridwar through e-payment. For foreign suppliers: Payment through USANCE LC on 70 th day of bill of lading date. All bank charges shall be to vendor's account. * in case vendor does not agree, proper loading shall be done.	
9	Validity of offer: Minimum 90 days from tender opening date. Offers with validity less than 90 days may not be considered.	
10	Prices shall be firm till execution of Order	
11	Ordering will be done on two sources with L1 getting 70% of the enquired quantity. For balance 30% qty L2 will be counter offered L1 landed rate & if accepted ordering will be done accordingly. In case L2 does not accept, L3 & further L4 will be counter offered the balance qty. Offers received for less than 70% of enquired quantity shall not be considered.	
12	CFFP/BHEL reserves the right to order part quantity.	
13	Delivery schedule for FOR Destination / DDP / DAP basis (DDP / DAP for foreign vendors only on whom order is placed) is as under: 300 MT- 75 days from PO date 300 MT- 105 days from PO date 300 MT- 135 days from PO date 300 MT- 165 days from PO date 300 MT- 195 days from PO date The delivery schedule in case of CIF shall be: 300 MT- BOL date should be within 30 days of PO date 300 MT- BOL date should be within 60 days from PO date 300 MT- BOL date should be within 90 days from PO date 300 MT- BOL date should be within 120 days from PO date 300 MT- BOL date should be within 150 days from PO date	

14	Liquidated damage : The delivery of the goods shall be made strictly as per time limit specified in delivery schedule of purchase order, failure to supply within this period will make the supplier liable to penalty of 1/2 (half) percent of the price of the goods in arrears per week subject to a maximum of 10%.	
15	Provide name, mobile no. & email address of the contact person	
16	In case vendor is not registered with CFFP BHEL Haridwar for this material, duly filled up "Supplier Registration Form" must be submitted with techno-commercial bid (form available on website www.bhelhwr.co.in & www.bhel.com). If duly filled SRF is not received within 15 days of opening of techno commercial bid, offer will not be considered for price bid opening.	
17	In case of any difference observed in conditions confirmed above & elsewhere in the offer, terms quoted above shall be treated as final and binding on vendor.	

Date:

Signature with Seal of the Company

GENERAL TERMS AND CONDITIONS OF TENDER ENQUIRY
ANNEXURE-B

01 Submit the tender in two parts i.e.

- Part-I Techno-Commercial Bid**
- Part-II Price Bid**

Techo - Commercial (part one) Price Bid (part two) should be put in separate sealed envelopes. Both envelopes should be super scribed with **Tender Number, Date of opening & Technical / Commercial Bid and Price Bid** respectively along with name of firm. Both the envelopes i.e. containing Techno-Commercial Bid and Price Bid should again be kept in one envelope super scribed again with Tender No. and Date of opening and the name of firm submitting the tender and send it to **AGM (MM), Purchase Department, CFFP/BHEL, Hardwar, Ranipur, Hardwar 249403, Uttarakhand, India before due date / tender opening date & time**. Normally tender opening time is 2.00 PM on due date or as mentioned in enquiry.

Responsibility for submission of tender in time solely lies with vendor. Late offers received after specified time / Date shall not be considered.

1. Part-I Envelopes super scribed with **Techno-Commercial Bid** must contain all information especially-
 - (a) Specification of the material offered should be strictly as per CFFP/BHEL specifications of enquired material in tender documents **Deviations if any must be indicated clearly in the offer. Rates to be quoted on For Destination Basis.**
 - (b) All commercial terms i.e. packing, forwarding Custom duty, Additional Duty, ST/STT/VAT/CST, Excise Duty/CVD, Bank charges, payment terms & insurance etc as applicable (**except price**) should be clearly mentioned in Techno-Commercial bid. Also mention present rate of applicable taxes & duties even if inclusive in rates along with the concessional forms required if any.
 - (c) Confirm to submit all required commercial documents (tax invoice centvatable duplicate copy of invoice, packing list, transit sale agreement etc.) & technical documents (TC/GC/QP etc).
 - (d) Registration Numbers of SSI, Central Excise, Sales tax, Income Tax, DGS & D.ECC etc.
 - (e) **Un-priced copy of Price Bid.**

Part-II Envelopes super scribed with Price Bid should contain priced copy of Price Bid. The price should be mentioned both in figures and words.

2. Authorized Signatory should authenticate all tender documents.
3. **Techno-commercial bid (Part-I)** will be opened on the due date at 2.00 PM in the presence of participating vendors or authorized representatives, who may wish to be present. Representative deputed to witness tender opening must produce an authority letter from the signatory of offer. After evaluation of technical bids & finalization of technical, commercial terms & conditions, price bid of only successful vendors will be opened. Priced bid opening date shall be intimated separately.
4. The material offered must conform to the required BHEL specifications and drawings as well as instructions and details made available.
5. For new vendors, Vendor Registration form duly filled must be submitted along with the offer which can be downloaded from our web site www.bhel.com or www.bhelhwr.co.in.
6. Original manufacturer's Test Certificate is required along with dispatch documents. In case supplies are from traders, it shall be the responsibility of the trader to provide original manufacture's test certificate with linkage to traders invoice stating batch no.
7. **Validity** of offers should be minimum 90 working days from the date of tender (Techno-Commercial Bid) opening.

8. **Delivery** in the promised period is the essence of contract. Confirm to supply according to delivery schedule mentioned.
9. **Payment terms:**
For indigenous suppliers: 100% within 30 days after receipt & acceptance of material at CFFP / BHEL, Haridwar through e-payment.
For foreign suppliers: Payment through USANCE LC on 70th day of bill of lading date. All bank charges shall be to vendor's account.

* in case vendor does not agree, proper loading shall be done. Also in that case, third party inspection shall have to be arranged by supplier from any of the five inspection agencies namely: LRS/ BVQI/ DNV/ TUV/ Alfred H Knight at their cost.
10. CFFP/BHEL, Hardwar reserves the right to accept or reject any or all tenders without assigning any reason thereof.
11. Tenders not submitted in the prescribed manner are likely to be ignored / rejected.
12. Agent/Agency Commissioning: Payment of any kind at any stage will not be made to agent on account of agent commission or otherwise by CFFP/BHEL, Hardwar.
13. CFFP/BHEL, Hardwar may opt for E-auction/Reverse auction for obtaining best prices for part or full tendered quantity. BHEL also reserve the right to negotiate price with L1 vendor after reverse auction.
14. Please do intimate the personal contact details like Name, Mobile Number, Email-id etc of authorized executive for correspondence.
15. **Penalty:** Orders placed against this enquiry will be subject to normal clauses for imposing penalty. Liquidated Damages, Risk purchases, cancellation, arbitration as per terms and conditions of Tender Enquiry and Purchase orders in case of delay in effecting supply and/ or other defaults.
Liquidated damage: The delivery of the goods shall be made strictly as per time limit specified in delivery schedule, failure to supply within this period will make the supplier liable to an conditional penalty of 1/2 (half) percent of the price of the goods in arrears per week subject to a maximum of 10%.
16. **Inspection:** Final inspection of material shall be done after receipt of material at CFFP/BHEL, Hardwar. Acceptance of material shall be after final inspection and shall be binding. However, CFFP reserves the right to pre Inspect the material at supplier works. In case material is found defective during warranty period, the same will be returned for repair and/ or replacement. For this vendor has to bear all the charges such as Freight, to and fro insurance etc. Bank Guarantee for the equal amount to the cost of the item is to be furnished by vendor. In case the repair is done at CFFP/BHEL the amount on actual shall have to be reimbursed by the Vendor and or adjusted on actual from their bill.
17. **Currency of Payment:** Mention the currency in which payment has to be made. For evaluation of price bids, exchange rate (TT selling rate of SBI) as on scheduled date of tender opening (Part-1 bid in case of two part bid) shall be considered.
18. Traders should submit authorization letter from their principal alongwith offer.
19. **Disputes:** In event of any dispute arising out of contractual obligation, the order being finalized at Hardwar, India will be subject to Indian Laws and falls under jurisdiction of the court of Law at Haridwar, India. The overseas supplier hereafter referred to as "Vendor" shall therefore abide by the verdict of Court of Law at Hardwar, India.
OR
All disputes arising out of or in connection with the present contract, if any shall be finally settled under the rules of arbitration of International chamber of commerce by one or more arbitrator appointed in accordance with the said Rules in India.
20. BHEL reserves the right to place P.O. for part / full qty and on one or more than one sources.
21. Any Term & condition of the specific tender (if specified in tender & contradicts with above term) will supersede the above general terms & conditions.

The scope of third party inspection shall be as under:

1. The inspection is to be carried out as per the ordered specification ensuring original manufacturer's packing, Original manufacturer test certificates etc as per specification and the linkage.
2. The material should be identified as per the specification like original manufacturer's name, Batch/lot no, Net weight, material name. The material should be packed as per specification and sealed by the inspection agency. The seal details should be mentioned in the third party inspection report.
3. The test certificate should contain the complete witnessing of the chemical analysis of material as per IS1472 for nos of test required in a lot and their testing methodology for evaluating nos of element required by the material specification, size verification as per P.O. Specification, purchase order no, Batch/lot no of material, seal details of the inspector along with corresponding packing (packing list).



CORPORATE PURCHASING SPECIFICATION

AA 536 27
 Rev. No. 01
 PAGE 1 OF 3

CHROMITE SAND FOR USE IN FOUNDRIES

1. General:

This specification covers the requirements of Chromite sand for use in foundries.

2. Application:

The Chromite sand shall be used for facing of pattern and core boxes in mould and core making.

3. Compliance with national standard:

This specification is based on IS-6788:1973, reaffirmed 2003.

4. Physical and Chemical Characteristics:

4.1 Chromite sand grains shall be crystalline, mostly sub-angular in shape.

4.2 The material shall have shining black appearance and shall be free from foreign material, e.g. low melting point minerals, carbonates.

4.3 Chemical Composition:

Chromite sand shall have typical analysis as under:

Cr ₂ O ₃	46% Min.
Fe ₂ O ₃	27% Max
MgO	12% Max
Al ₂ O ₃	16.5% Max.
SiO ₂	1.1% Max.
CaO	0.5% Max


4.4 Clay – 0.5 % max.

4.5 Moisture - 0.2% max.

4.6 pH value of sand shall be in between 6.5 and 8.0

Revisions : As per 24 th MOM of MRC-FN			APPROVED : INTERPLANT MATERIAL RATIONALISATION COMMITTEE-MRC (FN)		
Rev. No.01	Amd.No.	Reaffirmed	Prepared CFFP	Issued Corp. R&D	Dt. of 1st Issue JANUARY, 2004
Dt. : Apr 2012	Dt :	Year :			

COPYRIGHT AND CONFIDENTIAL
 The Information on this document is the property of BHARAT HEAVY ELECTRICALS LIMITED
 It must not be used directly or indirectly in any way detrimental to the interest of the company.

AA 536 27	CORPORATE PURCHASING SPECIFICATION	
Rev. No. 01		
PAGE 2 OF 3		

4.7 Acid Demand Value, when measured in accordance with IS6788 shall conform to the requirement as given below:

pH	3	4	5
ADV (max)	10 ml	8 ml	6 ml

4.7 Turbidity - 210 ppm max.

4.8 When tested in accordance with IS1918, the fusion temperature of chromite sand shall not be less than 1800 °C.

5. Grain size & distribution:

5.1 The Grain Fineness No.(GFN) of chromite sand shall be AFS 45 to 55 .

Grain distribution:

Total retention on ASTM Sieve Nos.50, 70,100 and 140 shall be 90% min.

(Sizes corresponding Sieve Nos. 50, 70 and 100 are 300, 212, 150 and 105 microns)

5.2 Fines i.e. grains having size less than 53 microns (-270 ASTM) shall be 1.0% max.

6. Sampling:

Samples shall be drawn in accordance with IS-1811: 1961 for testing purposes.

7. Inspection, Deviation and Replacement:

7.1 BHEL reserves the right to inspect material at site before despatch. The supplier shall intimate in advance about readiness of material enclosing a copy of test certificate of the material offered for inspection. However inspection at BHEL shall be final. The supplier shall offer BHEL representative all reasonable facilities without charge to satisfy the latter that the material being furnished is in accordance with this specification. The supplier shall prepare and provide necessary test specimens for testing to be carried out at his premises. If facilities are not available at his works, the supplier shall make necessary arrangements for carrying out the prescribed tests elsewhere.

7.2 The material shall be tested in BHEL as per Clause 4,5,6,7 for new suppliers. For established supplier, the testing shall be done on surveillance basis.

7.3 If the material received at BHEL is not found in accordance with the requirements, it shall be rejected and the supplier will have to replace it free of cost at the earliest.

7.4 For any deviation from the specification sought by the supplier, prior approval of BHEL must be obtained in writing.



8. Test Certificates:

8.1 Unless otherwise specified, one original and three copies of test certificate from the original manufacturer shall be supplied with each consignment bearing the following information. In order to facilitate quick clearance of material, the supplier shall ensure to send a copy of test certificate along with despatch document.

- a. BHEL PO No. with Date
- b. Specification No.
- c. Supplier reference / trade mark
- d. Identification No. / Batch No.
- e. Properties as per Clause 4 & 5
- f. Any other specific information which the supplier would like to convey.

8.2 Suppliers other than the original manufacturer shall ensure providing original manufacturer's test certificates with linkage to supplier's invoice stating the batch No., lot No., etc of the supply.

9. Packing and Marking:

9.1 Chromite sand shall be packed in 1/1.5 MT Jumbo bags. However the purchaser may specify his own requirement in the purchase order. Adequate protection from moisture pickup/contamination during transportation and storage shall be provided.

9.2 The packing shall be of the original manufacturer's. The bags containing chromite sand shall be clearly marked with the following The bags containing chromite sand shall be clearly marked with the following:

Specification No. and name of material
Manufacturer / Supplier' name/Trade mark, if any
Batch / Lot No.
Net weight

10. Referred Standards (Latest publications including amendments):

IS6877
IS1811
IS1918
IS1387