



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 : [ranjank@bhelhwr.co.in](mailto:ranjank@bhelhwr.co.in); [rohit\\_v@bhelhwr.co.in](mailto:rohit_v@bhelhwr.co.in);  
[v\\_kumar@bhelhwr.co.in](mailto:v_kumar@bhelhwr.co.in)**

**Sub:** Tender Enquiry No: 5423P/351/4/0321K1 due on 21.11.2014, at 2.00 PM

Dear Sir,

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

Sl No	Tender No	Description of Material	Qty	Date & Time of Opening
01	5423P/351/4/0321K1	Fire Clay Mortar	60MT	21.11.2014 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](http://www.bhel.com) or [www.bhelhwr.co.in](http://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

(Vipin Kumar)  
Engineer (Purchase)

**Note:** Corrigendum if any shall not be published, kindly refers websites for any changes.



निविदा सूचना  
**TENDER ENQUIRY**

भारत हैवी इलैक्ट्रिकल्स लिमिटेड

**Bharat Heavy Electricals Ltd**

सेन्ट्रल फाउन्ड्री फोर्ज प्लांट- हरिद्वार-249 403 (भारत)

**Central Foundry Forge Plant, Hardwar-249 403 INDIA**

AA-17001

Phone : (0091) (133) 485356, 485269

• Telefax : (0091) (133) 425892 • Telex : 05909-213

UPTT NO. HR-0041496 Dt. 01-04-1994  
C S T NO. HR-5018287 Dt. 16-03-1995

निविदा सूचना सं. ENQUIRY NO.★	5423 P/ 351/4/0321K1	दिनांक Date	17-10-2014
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कृपया निम्नलिखित के लिए निविदा दें। PLEASE QUOTE FOR THE FOLLOWING :

M/S. ::

DUE DATE

21-11-2014

::

:

Vendor Code

09285

INDIA

SL	MATERIAL CODE ITEM DESCRIPTION	QUANTITY	UNIT	LOTNO	LOT DELIVERY QTY SCHEDULE
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1	FF5331687016	60000	KG		
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FIRE CLAY MORTAR (PACKING IN  
50KG HDPE BAGS ACCEPTABLE)  
SPEC: AA53305 REV.01 REV: ??

\*\* IMPORTANT: This enquiry is 2 part tender. Techno-Commercial bid (Part-1) & Price Bids (Part-2) should be submitted in separate envelopes. These two envelopes should be submitted in a common sealed envelope. Techno-Commercial Bid shall contain detailed Technical Specification, Drawings Technical documents, Catalogues, taxes & duties, payment terms, delivery period, Validity of offer, Replica of Price Bid (Copy of price bid without price part) etc. The confirmation to the special terms & conditions must be submitted alongwith Techno-Commercial bid.

Standard Instructions:

TEST CERTIFICATE REQUIRED.  
GUARANTEE CERTIFICATE REQUIRED.  
BASIC RATES, TAXES DUTIES SEPERATELY  
CENVATABL DUPLICATE COPY OF INVOICE.  
INSP AFTER RECPT AT CFFP.

Special Instructions:

- OFFER MUST BE SUBMITTED STRICTELY IN LINE WITH SPECIFICATION, TERMS & CONDITIONS OF ENQUIRY ELSE OFFER MAY LIKELY BE IGNORED.
- ALL TAXES/DUTIES/LEVIES ETC. MUST BE SPECIFIED SEPERATELY IN AMOUNT OR IN PERCENTAGE. INCOMPLETE OFFER SHALL NOT BE ACCEPTABLE.
- "ANNEXURE-A" DULY FILLED & SIGNED WITH COMPANY SEAL IS TO BE SUBMITTED ALONGWITH OFFER.
- SPECIFICATION No. AA 53305 REV.01 IS ENCLOSED.
- DELIVERY : AS PER ANNEXURE 'A'

General Instructions:

- Please submit authorization letter (format enclosed) for facilitating e-payment/electronic transfer of funds
- 100% payment within 30 days after receipt & acceptance of material at CFFP BHEL, Hardwar through e-payment.
- CFFP/BHEL RESERVES THE RIGHT TO PRE-INSPECT THE MATERIAL AT VENDOR'S WORKS / GODOWN/ PREMISES BEFORE DESPATCH.

Page No

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

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

*V. Jais*  
17/10/14



निविदा सूचना  
**TENDER ENQUIRY**

भारत हैवी इलैक्ट्रिकल्स लिमिटेड  
**Bharat Heavy Electricals Ltd**

सेन्ट्रल फाउन्ड्री फॉर्ज प्लांट- हरिद्वार-249 403 (भारत)

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निविदा सूचना सं. ENQUIRY NO.★	5423 P/ 351/4/0321K1	दिनांक Date	17-10-2014
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कृपया निम्नलिखित के लिए निविदा दें। PLEASE QUOTE FOR THE FOLLOWING :

MATERIAL CODE	QUANTITY	UNIT	LOTNO
ITEM DESCRIPTION			

4. ORIGINAL MANUFACTURER'S TEST CERTIFICATE IS REQUIRED ALONG WITH DESPATCH 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](http://www.bhel.com)

*Vipin Kumar*  
17/10/14  
VIPIN KUMAR  
ENGINEER (PUR)



**CORPORATE PURCHASING SPECIFICATION**

AA 533 05  
Rev. No. 01  
PAGE 1 OF 2

**FIRECLAY MORTAR**

**1.0 GENERAL:**

This specification governs the quality requirements of Fireclay Mortar used for laying of fireclay refractories in furnaces and ladles. Fireclay mortar is mainly a suitable mixture of plastic fireclay and fireclay grog (calcined fireclay or broken fireclay refractories).

**2.0 APPLICATION:**

Used as a lining material for joining and repair of fireclay refractory bricks in furnaces and ladles.

**3.0 COMPLIANCE WITH NATIONAL STANDARD:**

The material shall comply, in general, with the requirements of the following national standard and also meet the requirements of this specification.

IS : 195-1991, Gr.: I : Fireclay Mortars For Laying Fireclay Refractory Bricks

**4.0 TEST SAMPLES:** As per IS:1528

**5.0 PROPERTIES:**

When tested in accordance with the relevant clauses of IS: 1527 and IS :1528, mentioned against each, the test sample shall show the following values:

**5.1 CHEMICAL COMPOSITION:**

The material, when analysed in accordance with IS:1527, shall conform with the following composition:

Element	Percent
Al <sub>2</sub> O <sub>3</sub>	37 minimum
Fe <sub>2</sub> O <sub>3</sub>	3 maximum

**5.2 PHYSICAL:**

**5.2.1 DRYING AND FIRING SHRINKAGE (IS:1528):**

Drying and firing shrinkage shall be measured on hand moulded briquettes made after through mixing of mortar with 10-20% of water. Samples shall be prepared by casting in to a size of 160 mm X 40 mm X 40 mm.

5.2.1.1 **DRYING SHRINKAGE:** 2% maximum, at 110°C

5.2.1.2 **FIRING SHRINKAGE:** 0.5% maximum, at 1400°C for 2 hours

5.2.2 **FIRENESS:** 95% passing through IS sieve : 150 micron, minimum

No particle of fireclay powder shall be so large as to be retained on IS sieve 1.6 mm.

Revisions :  
CI 19.9.27 of MOM of MRC-FN

**APPROVED :**  
**INTERPLANT MATERIAL  
RATIONALISATION COMMITTEE-MRC (FN)**

Rev. No. 01	Amd.No.	Reaffirmed
Dt: 15.06.2005	Dt :	Year :

Prepared BHOPAL	Issued Corp. R&D	Dt. of 1st Issue April, 1995
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**5.2.3 REFRACTORINESS (IS:1528):**

Pyrometric Cone Equivalent ASTM Cone No. (Min) : 31, minimum

**6.0 INSPECTION AT SUPPLIER'S WORKS:**

Whenever specified, tests and inspection are to be conducted in the presence of BHEL's representative.

The supplier shall offer BHEL's representative all reasonable facilities, without charge to satisfy the latter that the material is being furnished 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. The supplier shall notify BHEL in advance about the readiness of the material for inspection and testing. BHEL reserves the right to test the material at BHEL's work and the final acceptance of the material shall be based on these test results.

**8.0 TEST CERTIFICATES:**

Unless and otherwise stated, three copies of certificates shall be supplied along with each consignment giving the following information.

In addition the supplier shall ensure to enclose one copy of test certificate along with their dispatch documents to facilitate quick clearance of the material.

AA 533 05 (Rev. No. 01) : Fireclay Mortar

BHEL order no.

Manufacturer's / supplier's name.

Trade mark, if any.

Batch / lot no.

Quantity Supplied.

Test results of clause 5.0.

**8.0 PACKING AND MARKING:**

The material shall be packed in air tight, moisture proof steel drums of 50 kg each. Each container shall be legibly marked or labelled with the following information.

AA 533 05 : Fireclay Mortar

BHEL Order No.

Manufacturer's / supplier's name.

Trade mark, if any

Batch / Lot No.

Quantity supplied

**9.0 REJECTION AND REPLACEMENT:**

If the material does not comply with the requirements of this specification during receipt inspection at BHEL or if any defect is found during further processing of the material, BHEL reserves the right to reject the whole consignment notwithstanding any previous certification of satisfactory testing and / or inspection. The supplier shall undertake to replace the rejected material at his own cost and the rejected material shall be taken back by the supplier after fulfilling the commercial terms and conditions.

**10.0 REFERRED STANDARDS (Latest Publications Including Amendments):**

1) IS:195

2) IS : 1527

3) IS : 1528

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	<b>Pre-qualification Criteria:</b> Vendor must have supplied 20MT of Fire Clay Mortar once in last three years as per our specification. Copy of purchase order/purchase agreement/Invoice required to be submitted by vendor along with offer in support of same.	
2	Guarantee Certificate (as per specification/enquiry) shall be provided along with despatch documents.	
3	Please specify whether you are a manufacturer or a trader of this material	
4	Test Certificate shall be provided along with despatch documents.	
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.	
7	Payment Term: 100% within 30 days after receipt & acceptance of material at CFFP / BHEL, Haridwar through e-payment.  * In case vendor does not agree, proper loading shall be done. 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.	
8	Delivery Schedule: 30MT-45 Days from PO date 30MT-120 Days from PO date	
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	CFFP/BHEL reserves the right to order part quantity.	
12	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%.	
13	Provide name, mobile no. & email address of the contact person	
14	Risk Purchase: In case of delayed/defective supplies or non fulfillment of any other terms & conditions given in the Purchase Order, the purchaser may cancel the purchase order in full or part thereof and may also make the purchase of such material at the risk & cost of supplier.	
15	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 <a href="http://www.bhelhwr.co.in">www.bhelhwr.co.in</a> & <a href="http://www.bhel.com">www.bhel.com</a> ). If duly filled SRF is not received within 15 days of opening of techno commercial bid, offer may not be considered for price bid opening.	
16	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 from duly filled must be submitted along with the offer which can be downloaded from our web site [www.bhel.com](http://www.bhel.com) or [www.bhelhwr.co.in](http://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 70<sup>th</sup> 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.