



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: 1115P/351/4/0349L1 due on 19.11.2014, 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	1115P/351/4/0349L1	Exothermic Powder (Foundry)	30 MT	19.11.2014 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**Note:** Corrigendum if any shall not be published, kindly refers websites for any changes.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**  
सेंट्रल फाउन्ड्री फॉर्ज प्लांट- हरिद्वार - २४६४०३ (भारत)  
**Central Foundry Forge Plant, Haridwar-249403 (INDIA)**

AA-17001

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.*	<b>1115 P/ 351/4/0349L1</b>	दिनांक Date	<b>18-10-2014</b>
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M/S. :: कृपया निम्नलिखित के लिए निविदा दें। PLEASE QUOTE FOR THE FOLLOWING :

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**QUEDATE**

**19-11-2014**

:

**INDIA**

**Vendor Code**

**09285**

SL	MATERIAL CODE ITEM DESCRIPTION	QUANTITY	UNIT	LOTNO	LOT DELIVERY QTY SCHEDULE
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1 PF5550098016  
EXOTHERMIC POWDER  
(FOR USE ON RISERS IN FOUNDRY)  
Spec Rev not available ~~????????????????~~  
SIZE: -  
DIM.: S  
GRADE: X

AA53622 Rev 01 *V. Jain*

**\*\* 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
- CENVAT/ABL DUPLICATE COPY OF INVOICE.
- INSP AFTER RECPT AT CFFP.

**Special Instructions:**

- (A) OFFER MUST BE SUBMITTED STRICTELY IN LINE WITH SPECIFICATION, TERMS & CONDITIONS OF ENQUIRY ELSE OFFER MAY LIKELY BE IGNORED.
- (B) ALL TAXES/DUTIES/LEVIES ETC. MUST BE SPECIFIED SEPERATELY IN AMOUNT OR IN PERCENTAGE. INCOMPLETE OFFER SHALL NOT BE ACCEPTABLE.
- (C) "ANNEXURE-A" DULY FILLED & SIGNED WITH COMPANY SEAL IS TO BE SUBMITTED ALONGWITH OFFER.
- (D) SPECIFICATION No. AA53622 REV.01 IS ENCLOSED.
- (E) DELIVERY : AS PER ANNEXURE 'A'

**General Instructions:**

- 1. Please submit authorization letter (format enclosed) for facilitating e-payment/electronic transfer of funds
- 2. 100% payment within 30 days after receipt & acceptance of material at CFFP

*V. Jain*  
18/10/14

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



निविदा सूचना  
**TENDER ENQUIRY**

भारत हैवी इलैक्ट्रिकल्स लिमिटेड  
**Bharat Heavy Electricals Ltd**  
सेन्दल फाउन्ड्री फोर्ज प्लांट- हरिद्वार - २४६४०३ (भारत)  
**Central Foundry Forge Plant, Haridwar-249403 (INDIA)**

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

**MATERIAL CODE**                      **QUANTITY**    **UNIT**                      **LOTNO**  
**ITEM DESCRIPTION**

- BHEL, Hardwar through e-payment.
3. CFPP/BHEL RESERVES THE RIGHT TO PRE-INSPECT THE MATERIAL AT VENDOR'S WORKS / GODOWN/ PREMISES BEFORE DESPATCH.
  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. CFPP/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**  
**ENGINEER (PUR)**



**CORPORATE PURCHASING SPECIFICATION**

AA536 22

Rev. No. 01

PAGE : 1 OF 2

**EXOTHERMIC POWDER**

**1.0 GENERAL:**

This specification governs the quality requirements of Exothermic powder for use in the risers of steel and cast iron castings.

**2.0 APPLICATION:**

Used on the top of sand or sleeved risers to effect feeding of shrinkages, for iron and steel castings.

**3.0 COMPLIANCE WITH NATIONAL STANDARDS:**

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

IS : 10504-1983 : Exothermic feeding aid for foundry

**4.0 SHAPE AND SIZE:**

The material shall be supplied in dry powder form, free from lumps etc. General condition for supply of material shall be as laid down in IS : 1387.

**5.0 TEST SAMPLES:**

Representative samples shall be drawn as per mutual agreement between the supplier and BHEL.

**6.0 PROPERTIES:**

The material shall comply with the following properties when tested as per the methods given in Appendices of IS: 10504.

i) Ignition time (start of burn or glow) : 50 sec., max for cast iron and 60 sec., max for steel

ii) Temp, drop before start of reaction : 20° C max.

iii) Effective rise over max. temp. after addition : 50° C max.

iv) Time for completion of burning : 3-4 minutes. Porous slag should form simultaneously to insulate the riser top from heat loss by radiation.

v) Efficiency of powder : Heat generated should be sufficient enough to keep the metal molten for a minimum of 8 min. upon completion of combustion.

vi) Metal yield : shall not be less than 35%

Revisions:  
CI 19.9.39 of MOM of MRC-FN

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

Rev. No. 01	Amd.No.	Reaffirmed	Prepared CFEP, HARDWAR	Issued CORP.R&D	Dt.of 1 <sup>st</sup> Issue Feb 1996
Dt: 15.06.2005	Dt :	Year :Sep.2007			

AA536 22	CORPORATE PURCHASING SPECIFICATION	
Rev. No. 01		
PAGE: 2 OF 2		

**7.0 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 despatch documents to facilitate quick clearance of the material.

- AA 536 22 (Rev. No. 01): Exothermic Powder
- BHEL order no.
- Manufacturer's / supplier's name.
- Trade mark, if any.
- Batch / Lot no.
- Quantity Supplied.
- Test results as per clause 6.0.

**9.0 PACKING AND MARKING :**

- 9.1 Material shall suitably be packed in polyethylene lined gunny bags of 50 kg each.
- AA53622 : Exothermic Powder
- BHEL order No.
- Manufacturer's/Supplier's name and trade mark, if any. Trade mark if any Batch / Lot No.
- Quantity supplied.

**10.0 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.

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

- 1. IS: 1387
- 2. IS: 10504

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	<p><b>Pre-qualification Criteria:</b></p> <ol style="list-style-type: none"> <li>1. Vendor should have been supplying exothermic powder to other steel foundries. Proof of supply of at least 10 MT/year of exothermic powder for 2 years is to be given. The years of supply for which proof is being submitted should not be before 1/4/2010.</li> <li>2. Vendors who meet the PQC shall be required to submit a sample of 2 kg for testing of properties as per Clause 6.0 of specification. Only those vendors shall be considered technically suitable, whose samples are found acceptable in testing.</li> </ol> <p><b>Note: PQC not applicable for vendors approved for this item at CFFP.</b></p>	
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	<p>Payment Term: 100% within 30 days after receipt &amp; acceptance of material at CFFP / BHEL, Haridwar through e-payment.</p> <p>* 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.</p>	
8	<p>Delivery Schedule: 10MT-45 Days from PO date</p> <p>10MT-90 Days from PO date</p> <p>10MT-180 Days from PO date</p>	
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.