



ISO
9001:2000
&14001:2004
NAVARATNA
COMPANY

**MATERIAL MANAGEMENT(PURCHASE)
CENTRAL FOUNDRY FORGE PLANT,BHEL
RANIPUR, HARIDWAR (INDIA) – 249403**

Phone No.+91-1334-281277,284684 FAX No. 225892

e-mail: ranjank@bhelhwr.co.in,kraj@bhelhwr.co.in,manoj26@bhelhwr.co.in

OPEN TENDER

M/S.....

.....

Sub: Tender Enquiry No. 3024 P/940/2/0742P1

Dear Sir,

We are pleased to invite your offer in TWO PARTS strictly as per enclosed terms and conditions and '**Instruction to Bidders**' in sealed covers for the under mentioned equipment / systems.

Tender No.	Description of Equipment	Qty. (No.)	Tender Opening date and time	EMD (Earnest Money Deposit)
3024 P/940/2/0742P1	Gouging Rectifiers 1500 AMPS.	12	04.02.2013 At 2.00 PM	Rs. 1,00,000.00 (Rs. One lakh only) or equivalent foreign currency.

1. Tender can be downloaded from web site www.bhelhwr.co.in / www.bhel.com without any tender fee.
2. Tender opening date and time is indicated as above. Tenders in two part in line with '**Instruction to Bidders**' is required to be submitted on or before due date. On due date, tender can be submitted up to 1.45 PM and will be opened at 2.00 P.M. on same date in the Tender Room of Material Management Department, CFFP/BHEL, Haridwar.
3. BHEL will not be responsible for any type of postal delay .Please note that late offers shall not be accepted.
4. Intending vendors must remit the requisite EMD of **Rs 1,00,000/- (Rupees one lakhs)** in the form of **Cash (as permissible under Income Tax Act) / Pay Order / Demand draft / e-payment (in case of foreign bidders)** only (Cheque / Bank Guarantee are not acceptable) while submitting the tender documents as detailed in "Instruction to Bidders".

5. Part-1 bids shall be opened of those vendors **ONLY WHO HAVE SUBMITTED EMD drawn in favor of CFFP / BHEL Hardwar, IN ANOTHER ENVELOPE SUPERSCRIBED WITH BOLD LETTERS "EMD ")** on the due date in the presence of authorized representatives of the bidders who may like to be present . The authorized representative should bring authority letter from their principals for attending the bid opening.
6. All Govt. of India / Central & State PSUs / State Govt. entities / Micro and Small Enterprises are exempted from submission of EMD.
7. Other terms and conditions tender will be as per following attached tender documents:
 - Tender enquiry.
 - Annexure C of 'Instruction to Bidders'.
 - Annexure I of commercial terms.
 - Annexure E of 'Key terms and condition for procurement of capital items.
 - Annexure IV T&C regarding Indian agent of foreign suppliers.
 - Annexure A & B part of annexure IV.
 - Annexure II of BG Format.
 - Annexure III of Consortium Bank List.
 - Annexure V T & C of reverse auction.
 - Annexure D for e payment format.
 - Technical Specification no FT/SP/01 Rev. 02
 - Annexure – G of PQC.

NOTE: The vendor should submit their best price at this stage itself and they will not be allowed to revise the price. Any revision / discount given by vendor subsequently will be ignored.

[Any clarification on technical specifications can be obtained from BHEL before tender opening. Vendors are welcome to have pre-bid meeting with BHEL engineers for better understanding of our requirements.](#)

KINDLY READ "INSTRUCTIONS TO BIDDERS" **THOUROUGHLY**. QUOTATION NOT IN ACCORDANCE WITH INSTRUCTIONS ARE LIABLE TO BE DISQUALIFIED AND IGNORED

Thanking You,

Yours Faithfully,
For & ON BEHALF OF CFFP/ BHEL, HARIDWAR

Ranjan Kumar
SDGM (MM)



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.*	3024 P/ 940/2/0742P1	दिनांक Date	01-01-2013
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कृपया निम्नलिखित के लिए निविदा दें। PLEASE QUOTE FOR THE FOLLOWING :

M/S. ::

DUEDATE

04-02-2013

::

:

Vendor Code

09285

INDIA

SL	MATERIAL CODE ITEM DESCRIPTION	QUANTITY	UNIT	LOTNO	LOT DELIVERY QTY SCHEDULE
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1	FF4210310018 GOUGING RECTIFIERS 1500 AMPS AT 100% DUTY CYCLE SPEC: FT/SP/01-REV02 REV: ??	12	NO		
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** 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.
ERECTION/COMM REQ AT SITE.
OPERATION/MAINT MANUAL ALONGWITH EQPT.

Special Instructions:

01. ATTACHMENT-

- ANNEXURE-C OF GENERAL TERMS AND CONDITIONS.
- ANNEXURE-1 OF COMMERCIAL TERMS.
- ANNEXURE E OF 'KEY TERMS AND CONDITION FOR PROCUREMENT OF CAPITAL ITEMS'.
- ANNEXURE IV 'TERMS & CONDITION REGARDING INDIAN AGENT OF FOREIGN SUPPLIERS.
- ANNEXURE A & B PART OF ANNEXURE IV.
- ANNEXURE II OF BG FORMAT.
- ANNEXURE III OF CONSORTIUM BANK LIST.
- ANNEXURE V OF TERMS AND CONDITION OF REVERSE AUCTION.
- ANNEXURE D FOR E-PAYMENT FORMAT.
- TECHNICAL SPECIFICATION NO- FT/SP/01 REV. 02
- ANNEXURE- F OF PRICE BID FORMAT.
- ANNEXURE- G OF PQC.

General Instructions:

1. Please submit authorization letter (format enclosed) for facilitating e-payment/electronic transfer of funds

भारत हैवी इलैक्ट्रिकल्स लिमिटेड

Bharat Heavy Electricals Ltd

सेन्ट्रल फाउन्ड्री फोर्ज प्लांट- हरिद्वार - २४६४०३ (भारत)

Central Foundry Forge Plant, Haridwar-249403 (INDIA)



निविदा सूचना
TENDER ENQUIRY

AA-17001

Phone : (0091) 01334- 281639,281385,285336

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TIN NO. 05001763485

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

निविदा सूचना सं. ENQUIRY NO.★

3024 PI 940/2/0742P1

दिनांक Date

01-01-201

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

MATERIAL CODE	QUANTITY	UNIT	LOTNO
ITEM DESCRIPTION			

2. 100% payment within 30 days after receipt & acceptance of material at CFFP BHEL, Hardwar through e-payment.

3. CFFP/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. 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


MANOJ KUMAR YADAVA

SR. ENGINEER (PUR.)

Instruction to bidders

Clause 1.0:

The tenders shall be submitted in three parts (part I Techno -Commercial Bid, part II price Bid & part III supplier registration form as described below on or before the due date.

- **The Quotation should be from the Principal / Original Manufacturer, failing which the quotation is likely to be ignored.**
- Any corrections / amendments shall be properly & fully authenticated with signature.

The bidders (originals manufacturers) will have to submit ink-signed offer / bid in original directly to BHEL. In case the bid is submitted by fax / email, the bidders shall simultaneously ensure submission of ink-signed original bid to BHEL also in the manner prescribed in this tender. **Unsigned bids shall be ignored.**

However, the suppliers or their authorized person may be allowed to attend the tender opening, if duly authorized by their principals, through a specific letter for a particular enquiry for specific price bid opening on that particular day. General authorization letter is not acceptable.

Clause 1.1: PART-I (TECHNO-COMMERCIAL BID) shall comprise of following documents:

- a) Complete Technical offer
- b) Catalogue of the Equipment, Complete reference of the past supply of equipment for the same or similar specification giving details of customer with Name of the contact person, Fax no, phone no, E-mail if available.
- c) Acceptance of commercial terms by vendor as per **Annexure I**.
- d) Deviation with reference to specification to be laid down on separate sheet.

Cost of deviation is to be submitted along with the price bid essentially, in case vendor withdraws the deviation clauses the same will be considered for final evaluation,

- e. Copy of price Bid (**without prices**) as per **annexure 'F'**, this should be replica of part II bid without price.
- f. The rating of the company quoting for this tender from a third party (independent agency) preferably by M/S Dun and Bradstreet should be submitted. (DUN NUMBER). **Compliance of this clause is mandatory in case of foreign supplier, Indigenous suppliers to submit the copy of balance sheets for last three years.**
- k) Any additional documents (please specify).

Clause 1.2: PART-II (PRICE BID)

The price Bid (with price) to be submitted with part I, for the complete scope strictly as specified in the price Format attached as **Annexure- F**.

Prices are to be indicated in both figures and words. In case of any discrepancy of value the prices quoted in words shall be considered for evaluation and establishing L1 status in line with clause no 4.

If price bid is not submitted along with the technical bid, the offer will be rejected out rightly.

Clause 1.2.1

- a) Foreign Suppliers: The prices are to be quoted on CIF Mumbai (Sea). The bidder who quotes on other than CIF Mumbai basis then his offer will be loaded by the maximum freight, packing & forwarding , insurance charges quoted by any other bidder from the same or nearby port, against the enquiry/freight

rate & insurance available with BHEL. Further non-availability of ship will not be accepted for rescheduling or waiver of penalties.

b) Indigenous suppliers: Vendors to quote rates on FOR destination (BHEL / CFFP Haridwar) basis. Vendor can dispatch good through any Indian Bank Association approved transporters having their branch at Haridwar / destination. For the convenience name and address of transporters approved by IBA and BHEL are posted at website www.bhelhwr.co.in. If any bidder still quotes on other than FOR destination basis, then their offer will be loaded by maximum freight, packing & forwarding charges quoted by any other vendor from the same or nearby station, against the enquiry / freight rate available with BHEL. Further, non-availability of BHEL approved transporter will not be accepted for rescheduling of delivery or waiver of penalties.

c) Insurance during transportation shall be taken care of by vendor.

d) Applicable sales Tax, Excise duty, service tax, educational cess and any other statutory levy should be indicated separately and clearly in the quotation.

e) The comparison between foreign and indigenous bids shall be done based on the **Total** Landed price basis (FOR Destination).

f) Delivery: In case, delivery not possible to meet as per tender, earliest possible delivery may please be quoted.

Clause 1.3:

Part-III - Supplier Registration/ evaluation form (SRF)

The SRF duly filled up will be assessed for manufacturing capability, quality systems being followed, organizational soundness and financial worthiness

Vendor evaluation form can be downloaded from www.bhel.com / www.bhelhwr.co.in.

Clause 2.2:

PART-I containing techno-commercial part and part-III containing vendor Registration/ evaluation form will be opened on the date and time specified in the covering letter, in the presence of those **vendors**, who wish to attend **the tender opening**. Offer should be complete in all respect (i.e. Part-I, Part-II, Part-III and Part-IV)

Clause 2.3: First part IV containing EMD will be opened, in case same is found in order then only part I and part III (containing SRF) will be opened.

Clause 2.3.1:

The part-II price Bid along with supplementary priced bid (if necessary) will be opened at a later date of only those bidders whose techno-commercial bid is found acceptable.

BHEL reserves the right to evaluate vendors process capability / quality systems etc by visiting vendor works (if required)

Clause 3.1:

The following shall be superscribed on the envelopes:

1. PART-I

1. TENDER NO. AND ITEMS DESCRIPTION.
2. DUE DATE FOR OPENING.
3. "TECHNO-COMMERCIAL BID PART-I"

2. PART-II

1. TENDER NO. AND ITEMS DESCRIPTION.
2. DUE DATE FOR OPENING OF PART-I.
- 3."PRICE BID PART-II".

3. PART-III

1. TENDER NO. AND ITEMS DESCRIPTION.
2. DUE DATE FOR OPENING.
3. Supplier registration form duly filled.

4. PART-IV

EMD: Details of Drafts attached (Amount, No, Bank, Branch, Issue date)

Clause 3.2:

The part-I, part-II, part-III **and part-IV** shall be individually sealed and super scribed as indicated above and shall be enclosed further in the envelop duly sealed and super scribed as:

"TENDER FOR (ITEM NAME) AGAINST TENDER NO.----- DUE ON -----
CONTAINING PART-I, PART-II, PART-III & PART IV OF THIS OFFER." Vendor's full name and address should be clearly mentioned on the envelope

Clause 3.3:

Envelopes not marked as above are liable to be ignored and may not be opened.

Clause No 4 : If any discrepancy in Words & Figures found in quoted price bid, following is to be followed.

- a- If, in the price structure quoted for the required goods/services/works, there is discrepancy between the unit price and the total price (which is obtained by multiplying the unit price by the quantity), the unit price shall prevail and the total price corrected accordingly.
- b- If there is an error in a total corresponding to the addition or subtraction of subtotals, the subtotals shall prevail and the total shall be corrected; and
- c- If there is a discrepancy between words and figures, the amount in words shall prevail, unless the amount expressed in words is related to an arithmetic error, in which case the amount in figures shall prevail subject of (a) and (b) above.

Clause No. 5: As per directives of CENTRAL VIGILANCE COMMISSION, GOVERNMENT OF INDIA, One agent cannot represent two or more suppliers or quote on their behalf in a particular tender. If so found at any stage, BHEL Hardwar is likely to cancel Enquiries / POs to such suppliers. Further such Indian Agents are likely to be de-listed from BHEL.

Thanking You,

Yours faithfully,
For & on behalf of CFFP BHEL, Hardwar.

Ranjan Kumar
SDGM (MM)

<u>COMMERCIAL TERMS</u>	Vendor Acceptance
1. Payment terms:	
To be specified as per Clause 5 of Annexure - E (Key Terms and Conditions for Procurement of Capital items) Attached. Note: For indian supplier, Direct payment will be applicable as per point no 5.2.	
2. Contract Execution Bank Guarantee (CEBG) : as per Clause 4 of Annexure - E (Key Terms and Conditions for Procurement of Capital items) Attached	
3. PBG terms	
Submission of Performance Bank Guarantee (PBG) by Supplier in the prescribed Format value for 30 days beyond the warranty period, from one of the Consortium Banks of BHEL or from a reputed Bank and confirmed by Consortium Bank of BHEL for 10% of total PO value. The PBG confirmation charges shall be borne by vendor.	
4. CURRENCY OF PAYMENT FOR FOREIGN VENDORS : (Euro / Dollar / YEN & GBP)	
5 . For indigenous supply the currency shall be Indian Rupees	
6. ERECTION AND COMMISSIONING VALUE : E&C value should be quoted separately by bidders. In case where quoted value of E&C is less than 5 % of basic Equipment cost or separate E&C values are not mentioned in the offer, value for E&C portion shall be considered 5 % of basic Equipment cost & accordingly supply value will be adjusted from that quoted value and balance will be released as E&C payment as per clause 5 of Annexure E.	
7. Time period for Supply and E&C :	
Delivery period required by BHEL - 5 machines within 03 Months and 7 machine within 5 months or earlier from the date of Purchase Order.	
Erection & Commissioning period - within 2 weeks after receipt of equipment at CFFP stores.	
8. ORDER ACCEPTANCE : Bank guarantee towards security deposit and order acceptance (ink-signed) will be submitted within 30 days from the date of PO.	
9. Submission of Bank Guarantee :	
All bank guarantees i.e CEBG as well as performance bank guarantee should be from one of the BHEL consortium banks (annexure-III) and the bank guarantees should be in the proforma as prescribed by BHEL (annexure-II). BGs shall be from one of the Consortium Banks of BHEL or from a reputed Bank and confirmed by any Consortium Bank of BHEL. All bank charges on account of issuance and confirmation of CEBG whether incurred in India or outside India will have to be borne by the vendor.	
10. Penalty for delay in supply and E & C : As per Clause 8 of Annexure - E (Key Terms and Conditions for Procurement of Capital items) attached.	
For calculating Late Delivery penalty, delivery date shall be considered as per following :	
1. Indigenous Suppliers:	
a. Delivery Ex-works:- Date of GR /LR	
c. Delivery FOR Destination:- Date of receipt at BHEL Hardwar	
2. Import Supply:	
a. Delivery CIF/CPT port of destination:- Date of AWB/BL	
11. Settlement of Disputes:	
Settlement of disputes through arbitration shall be in accordance with Arbitration Rules of Conciliation and Arbitration of the ICC, Paris. The venue of arbitration shall be Delhi. The courts of Delhi shall have exclusive jurisdiction.	
For Indigenous Source. The venue of arbitration shall be Haridwar Courts, which will have exclusive jurisdiction	
12. Authorization for pre-inspection: BHEL is authorized to pre inspect the material at vendor's works. The material will be dispatched only after getting clearance from BHEL.	
Indigenous suppliers should give Pre-Dispatch Inspection (PDI) call at least 15 days in advance and foreign suppliers should give PDI call at least 45 days in advance. If supplier fails to give pre-inspection call with in stipulated time, this will not be a reason of penalty waiver or delivery extension.	
Travel, Lodging & Boarding charges of BHEL inspectors / trainees during pre-inspection and training will be borne by BHEL	
13. Drawing / data approval :	
Any drawing / data approval required from BHEL after placement of order Shall be the responsibility of the vendor and any delay on account of the same shall be the responsibility of the vendor and have no bearing on the penalty applicable.	

14. Drawing / design / information use:	
The vendor will have to give an undertaking that the drawing / design / information enclosed with the enquiry / proposed order will not be parted to any other agency and will also not be used for manufacturing for any other customer.	
15. Delivery of the equipment:	
Delivery must essentially be CIF Mumbai Sea port for import and FOR BHEL Haridwar for indigenous. Sea freight charges for import and freight charges for indigenous items must essentially be quoted and indicated separately in price bid. Incase of FOB quote, loading for freight & others will be done.	
Categorically indicate time period required for delivery of the equipment.	
Firm delivery period for the equipment to be stated w.e.f. date of LOI/ Order.	
Period required for commissioning & handing over of each furnaces in weeks after providing site readiness by BHEL.	
16. 3 Sets of O&M Manual:	
3 Sets of Operation & Maintenance Manual shall have to be supplied along with the equipment. Final payment will be released only after receipt of the required documentation (No of sets if mentioned in technical specification then same will prevail).	
17. Training:	
Vendor shall provide required training to BHEL personnel free of cost.	
18. Details of Contact person Name, Designation, Department complete postal, E-mail address & Fax no, phone, Mobile no. to be mentioned.	
19. Import Supply: a. Phyto-sanitary Certificate essential for packages (Wooden)	
b. Country or origin certificate: Vendor to furnish the country of origin certificate from Chamber of Commerce with dispatch documents	
20. Validity: Validity of the offer should be 180 days from tender opening date.	
21. Bank Charges: As per Annexure E.	
22. Participation in Reverse Auction: BHEL may decide to process the case through RA. (As per Annexure -V attached). Vendors to give their confirmation for participation in Reverse Auction process.	
23. L1 price will be decided on landed cost to CFFP, BHEL basis. Equipment cost & recommended essential spares along with E & C, training, proving etc will form part for deciding L1 price. ** For evaluation, exchange rate (TT selling rate of SBI) as on scheduled date of tender opening (part –I bid in case of two part bid) shall be considered in case of foreign supplier.	
24. Price bid should clearly indicate separately the basic cost of Equipment, Mandatory spares cost as per annexure A of technical specifications , E&C charges and applicable taxes and duties. Replica of price bid (copy of price bid without price part) to be submitted alongwith techno commercial bid.	
25. Beneficiary of PO: Please confirm the beneficiary of PO along with the complete address	
26. Foreign Suppliers: Dispatching port & Country to be mentioned essentially	
27. Total weight - Gross / Net in Kg, package size essentially should be indicated (if not exact then approximate.)	
28. Risk Purchase Clause: In case of delays in supplies / defective supplies or non-fulfillment of any other terms and 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 from elsewhere / alternative source at the risk and cost of the supplier.	
29. Guarantee : 24 months from date of commissioning of the unit.	
30. Vendor who is not registered in CFFP/BHEL Haridwar should also submit duly filled up Supplier Registration Form (available at www.bhel.com) alongwith all supporting documents with techno commercial bid of their offer.	
31. Foreign suppliers and their Indian agent (If any) must comply with the terms and condition given in annexure -IV.	
Note: Attach separate sheet for additional information if necessary. The above terms & condition supersedes the terms & conditions found contradictory written else where in the tender enquiry	

Date

Signature with Seal of company.

Price bid Format

Annexure- F

T.E	3024 P/940/2/0742P1	
S.N.	Parameters	Cost
1	Total cost of equipment complying all parameters of technical specification of FT /SP/01 Rev No. 02	
3	Applicable Taxes and duties.	Excise Duty.....
		CST.....
		Service Tax & Any other.....
4	Freight and transit insurance charges upto CFFP BHEL Haridwar Stores inclusive of service tax.	
5	Cost of of erection and commissioning i.e. minimum 5.0 % of total equipment cost.	

NOTE:

A.	Copy of this sheet without price part must be submitted alongwith techno-commercial offer.
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Signature with seal of company.

Key Terms and Conditions for Procurement of Capital items

1. Earnest Money Deposit :

Vendor will submit Earnest Money Deposit (EMD) of Rs 1,000,00/- (one lakhs) along with the Offer as under:

EMD is to be submitted in cash (as permissible under Income Tax Act) or Pay Order or Demand Draft only. In case of foreign bidders e-payment may also be accepted as EMD.

However, the EMD is not required in following cases:

- a) Central / State – PSUs / Government departments.
- b) Micro and Small Enterprises.

- 1.1 EMD by the Tenderer will be forfeited as per Tender Documents if, the Successful bidder/vendor refuses to honour the Order after award of the same on him and /or withdraws his bid and /or unilaterally changes the offer and/or any of its terms & conditions within the validity period.
- 1.2 EMD given by all unsuccessful Tenderers shall be refunded on acceptance of award / LOI/PO by successful Tenderer. The EMD of successful bidder shall be returned after submission of Contract Execution Bank Guarantee (CEBG).
- 1.3 EMD shall not carry any interest.

2 Bid Evaluation:

- 2.1 The bidder shall quote charges for ‘Supply’ and ‘Erection & Commissioning’ separately.
- 2.2 The evaluation of tender shall be on the basis of “total cost to BHEL” including Supply and Erection & Commissioning. For evaluation, exchange rate (TT selling rate of SBI) as on scheduled date of tender opening (part-I in case of two part bid) shall be considered.

3. Details on Capacity / Supply and E&C performance of Bidder:

(In case of tenders having high value items with estimated value more than Rs. 2.5 Crore of any item)

Bidder shall furnish specific details of company performance in the enclosed **Annexure-VI** (A. Capacity details; B. Performance of supplies to BHEL-submission of these details are mandatory) with supporting documents.

4. Contract Execution Bank Guarantee (CEBG) :

4.1 CEBG shall be required for all POs where value (Supply + E&C) of each P.O. is estimated to be more than Rs. 20 lakhs.

4.2 Contract Execution Bank Guarantee (CEBG) for 10% of the Total PO value in the prescribed format within 30 days from the date of P.O. but before L/C opening.

4.3 CEBG shall be from one of the Consortium Banks of BHEL or from a reputed Bank and confirmed by any Consortium Bank of BHEL. All bank charges on account of issuance and confirmation of CEBG whether incurred in India or outside India will have to be borne by the vendor.

4.4 CEBG shall be kept value until 30 days after the date of E&C Certificate, which will be issued on completion of Erection & Commissioning of equipment which includes erection, commissioning, job proving, performance tests, training to operators etc. as prescribed in PO.

4.5 If the supplier fails to submit the CEBG even within 60 days from the date of PO, BHEL reserves the right to cancel PO & forfeit the EMD given by the supplier. In addition, in such case, action will be initiated in line with extant guidelines for Suspension of Business dealings with Suppliers.

5. Payment Terms:

5.1 Payment through L/C:

Where the payments are through L/C (L/C opening charges are to be loaded), payment of Supply value shall be 80% on dispatch and 20% on issue of E&C Certificate. Payment of E&C value shall be made against E&C certificate issued by BHEL. E&C Certificate shall be issued on satisfactory completion of erection, commissioning, job proving, performance tests, and training to operators etc. as envisaged in PO. The L/C shall be opened by BHEL as per following:

- (i) Within 30 Days of receipt of acceptable CEBG, an irrevocable unconfirmed L/C will be opened for 30% of the payment towards supply, due on shipment i.e. 24% of the Supply value of PO (30% of 80%).

Not earlier than 60 days before the shipment date, the value of this irrevocable unconfirmed L/C would be enhanced from 24% to 80% of the Supply value of PO.

The above L/C can be negotiated after the Shipment against submission of B/L or AWB and such other documents as mentioned in the PO. The above L/C will be valid for a period extending 21 days beyond the shipment date for negotiation of documents.

- (ii) 15 days prior to the scheduled & confirmed arrival of the technicians of supplier with their names, an irrevocable unconfirmed L/C will be opened for a value equal to 20% of the Supply value of PO plus 100% of the E&C value of PO. The validity of L/C would be sufficient to cover the period required for the completion of E&C plus 21 days as negotiation period.

This L/C can be negotiated after (a) Completion of E&C of the equipment in BHEL and against E&C certificate issued by BHEL and (b) Submission of Performance Bank Guarantee (PBG) by Supplier in the prescribed Format value for 30 days beyond the warranty period, from one of the Consortium Banks of BHEL or from a reputed Bank and confirmed by Consortium Bank of BHEL for 10% of total PO value. The PBG confirmation charges shall be borne by vendor.

Under all circumstances, CEBG shall be kept valid till the PBG becomes operational.

5.2 Direct Payment:

In case of direct payment, 80% payment of Supply value shall be made within 45 days from the date of receipt of material at BHEL. Balance 20% of Supply value plus 100% of the E&C portion of PO value will be paid against E&C certificate issued by BHEL and submission of Performance Bank Guarantee (PBG) valid for 30 days beyond the warranty period by Supplier from any of the Consortium Banks of BHEL for 10% of total PO value in the prescribed Format. The PBG confirmation charges shall be borne by vendor.

5.3 Bank Guarantee and Loading against non acceptance of BHEL's Payment Terms:

If payment terms as mentioned by BHEL are not agreed by bidder, such bidder has to submit. Bank Guarantee at the time of payment / opening of LC in the prescribed Format of the amount, exceeding 80% of the PO value, valid till issue of E&C Certificate for the equipment. However, in no case, payment against dispatch shall exceed 90% of the PO Value.

Additionally, for any deviation sought including as mentioned above, in Payment Terms by bidder w.r.t. tender conditions, following loading shall be followed:

- (a) Benchmark Prime Lending Rate (BPLR) of SBI as applicable on the scheduled date of tender opening +2%, for the amount & period of relaxation sought by bidder.
- (b) On account of payment through LC, if insisted by bidder, Bank charges shall also be loaded for the deviation in (i) opening of LC by BHEL and (ii) period and amount of LC w.r.t. NIT norms, as per the prevailing bank rates.

6. Value for Erection & Commissioning at BHEL:

Erection & Commissioning (E&C) value will include services to be rendered at BHEL like erection, commissioning, job proving, performance tests, and training to operators etc.

E&C value should be quoted separately by bidders. Only in case where quoted value is less than the value (in %) specified in the NIT or separate E&C values are not mentioned in the offer, value for E&C portion shall be deemed to be considered as the value indicated in NIT & accordingly supply value will be adjusted from that quoted value and balance will be released as E&C payment as per clause 5 above.

7. Time Period for 'SUPPLY' and 'E&C':

7.1 Bidder shall quote time period separately for 'Supply and 'E&C' of equipment.

7.2 "The bidders should quote their earliest schedule for Supply and E&C against the schedule indicated in the NIT". BHEL, however, reserves the right to accept an offer not meeting the NIT schedule.

8. Penalty for Delay in 'SUPPLY' and 'E&C':

8.1 For the purpose of penalty for delay E&C of the equipment the duration will be reckoned from the date of intimation by BHEL to vendor for readiness of site.

8.2 Penalty on delay in 'Supply' and/or 'E&C' will be applicable to the delays attributed to vendor. Penalty will be considered separately for 'Supply' and 'E&C'.

The rate of penalty for delayed Supply shall be @ 0.5% per week of delay of total PO value (Supply + E&C) in supply subject to a maximum of 10% of total PO value (Supply + E&C).

The rate of penalty for delayed E&C shall be @ 0.5% per week of delay of total PO value (Supply +E&C) in E&C subject to a maximum of 10% of total PO value (Supply + E&C).

Maximum penalty for delay in Supply and E&C together shall be limited to 15% of total PO value (Supply + E&C).

In case PO includes more than one machine, the penalty shall be @ 0.5% per week of delay on total Po value (Supply + E&C) for the delayed machine.

8.3 Loading on account of non-acceptance of Penalty. For delayed Supply and/or E&C shall be as under:

In case any bidder is not accepting the above penalty for delayed Supply and/or E&C, the offer of bidder shall be loaded to the extent to which it is not agreed by the bidder.

8.4 in case, any shortage is noticed viz-a-viz PO requirement in the main equipment /spares, such shortages shall be replenished by supplier on F OR destination basis without any cost implication to BHEL i.e. Custom Duty and freight charges etc. up to destination for such short supplies shall be borne by the supplier.

8.5 Supply period indicated by bidder should include reasonable time required for approval of drawings and other inputs from BHEL. in the Techno-Commercial Bid, the bidder shall submit milestones for various activities in co-relation with Supply and E&C period quoted by him.

Terms and conditions regarding Indian agent of foreign suppliers:

01. BHEL shall deal directly with foreign vendors, wherever required, for procurement of goods. However, if the foreign principal desires to avail of the services of an Indian agent, then the foreign principal should ensure compliance to regulatory guidelines- which require mandatory submission of an Agency agreement.
02. It shall be incumbent on the Indian agent and the foreign principal to adhere to the relevant guidelines of Government of India, issued from time to time.
03. The agency agreement should specify the precise relationship between the foreign OEM/Foreign principal and their Indian agent and their mutual interest in the business. All services to be rendered by agent/associate, whether of general nature or in relation to the particular contract, must be clearly stated by the foreign supplier / Indian agent. Any payment, which the agent or associate receives in India or aboard from the OEM, whether as commission or as a general retainer fee should be brought on record in the agreement and be made explicit in order to ensure compliance to laws of the country.
04. Any agency commission to be paid by BHEL to the Indian agent shall be in Indian currency only.
05. Tax deduction at source is applicable to the agency commission paid to the Indian agent as per the prevailing rules.
06. In the absence of any agency agreement, BHEL shall not deal with any Indian agent (authorized representatives/ associate/consultant, or by whatever name called) and shall deal directly with the foreign principal only for all correspondence and business purposes.
07. The "Guidelines for Indian Agents of Foreign Suppliers" enclosed at annexure- 'A' shall apply in all such cases.
08. The supply and execution of the Purchase Order (including indigenous suppliers/service) shall be in the scope of the OEM/ Foreign principal. The OEM/ Foreign principal should submit their offer inclusive of all indigenous suppliers/services and evaluation will be based on 'total cost to BHEL'. In case OEM/ foreign principal recommends placement of order(s) towards indigenous portion of supplies/services on Indian Supplier (s)/ agent on their behalf, the credentials/capacity/capability of the Indian Supplier (s)/ agent to make the supplies/Services shall be checked by BHEL as per the extant guidelines of Supplier Evaluation, Approval and Review Procedure (SEARP), before opening of price bids. In this regards, details may be checked as per Annexure- 'B' (copy enclosed). It will be the responsibility of the OEM/ Foreign Principal to get acquainted with the evaluation requirements of Indian supplier/agent as per SEARP available on www.bhel.com.

The responsibility for successful execution of the contract (including indigenous supplies/services) lies with the OEM/ foreign principal. All bank guarantees to this effect shall be in the scope of the OEM/Foreign principal.

Guidelines for Indian Agents of Foreign Suppliers

- 1.0 There shall be compulsory registration of agents for all Global (Open) Tender and Limited Tender. An agent who is not registered with BHEL shall apply for registration in the registration form in line with SEARP.
 - 1.1 Registered agents will file an authenticated Photostat copy duly attested by a Notary Public/Original certificate of the Principal confirming the agency agreement and giving the status being enjoyed by the agent and the commission/ remuneration/ salary/ retainership being paid by the principal to the agent before the placement of order by BHEL.
 - 1.2 Wherever the Indian representatives have communicated on behalf of their principals and the foreign parties have stated that they are not paying any commission to the Indian agents, and the Indian representative is working on the basis of salary or as retainer, a written declaration to this effect should be submitted by the party (i.e. Principal) before finalizing the order.
- 2.0 Disclosure of particulars of agents/ representatives in India, if any.**
- 2.1 Tenderers of Foreign nationality shall furnish the following details in their offers:
 - 2.1.1 The Bidder(s)/ Contractor(s) of foreign origin shall disclose the name and address of the agents/ representatives in India if any and the extent of authorization and authority given to commit the Principals. In case the agent/ representative be a foreign Company, it shall be confirmed whether it is existing Company and details of the same shall be furnished.
 - 2.1.2 The amount of commission/ remuneration included in the quoted price(s) for such agents/ representatives in India.
 - 2.1.3 Confirmation of the Tenderer that the commission/ remuneration, if any, payable to his agents/ representatives in India, may be paid by BHEL in Indian Rupees only.
 - 2.2 Tenderers of Indian Nationality shall furnish the following details in their offers:
 - 2.2.1 The Bidder(s)/ Contractor(s) of Indian Nationality shall furnish the name and address of the foreign principals, if any, indicating their nationality as well as their status, i.e. whether manufacturer or agents of manufacturer holding the Letter of Authority of the Principal specifically authorizing the agent to make an offer in India in response to tender either directly or through the agents/ representatives.
 - 2.2.2 The amount of commission/ remuneration included in the price (s) quoted by the Tenderer for himself.
 - 2.2.3 Confirmation of the foreign principals of the Tenderer that the commission/ remuneration, if any, reserved for the Tenderer in the quoted price(s), may be paid by BHEL in India in equivalent Indian Rupees on satisfactory completion of the Project or supplies of Stores and Spares in case of operation items.
 - 2.3 In either case, in the event of contract materializing, the terms of payment will provide for payment of the commission/ remuneration, if any payable to the agents/ representatives in India in Indian Rupees on expiry of 90 days after the discharge of the obligations under the contract.
 - 2.4 Failure to furnish correct and detailed information as called for in paragraph 2.0 above will render the concerned tender liable to rejection or in the event of a contract materializing, the same liable to termination by BHEL. Besides this there would be a penalty of banning business dealings with BHEL or damage or payment of a named sum.

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This format is applicable only to Indian Suppliers/ Agents supplying indigenous portion of Foreign Purchases.

* In all other cases, extant guidelines of SEARP, 2010 are to be followed.

SEARP (SRF) Clause No	Detail
	Name & address of the firm
1.0	Products/ Systems / Services being considered for
2.0	General Information
2.2	Name of Chief Executive
2.3	Details of authorized signatory
3.0	Ownership Information
3.1	Type of firm
3.2	Nature of Business <ul style="list-style-type: none"> • <i>Attach authorization letter and agency agreement from Principal (from whom capital equipment is procured)</i> • <i>Attach copy of declaration from Foreign Principal for total guarantee/ warranty of indigenous supplies</i>
3.3	Year of establishment
3.4	Year of commencement of business
4.0	Registration particulars
4.1	Permanent Account No.
4.2 / 4.3	Sales Tax / TIN no
4.6	Service tax no. (in case of E&C)
5.0	Organisational strength
6.0	Other particulars
6.1	If the company is already registered with other units
6.2	Directors/ Partners, if related to any BHEL Employee
6.9	If any Ex BHEL Personnel employed by the Company
6.12	Details of pending legal issues with BHEL
6.13	Bank Account information
9.0	Financial information
9.6	Sales/ Turnover details of last 3 years (or from the date of incorporation whichever is less)

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ANNEXURE-II

WAM-28

Proforma for Bank Guarantee

In consideration of the Bharat Heavy Electrical Limited Siri fort N. Delhi through Division CFFP Hardwar (hereinafter called the Company') having agreed to exempt----- (hereinafter called 'the said Contractor' which term includes 'Suppliers' for the purpose of this Bond) from the demand under the terms and conditions of an Agreement no / PO no ----- date. ----- made between -----and ----- for (hereinafter called 'the said Agreement') of Security Deposit for the due fulfillment by the said Contractor of the terms and conditions contained in the said Agreement, on production of a Bank Guarantee for Rs. ----- (Rupees-----only).

1. We, _____(Indicate the name of the Bank)_____
(hereinafter referred to as 'the Bank') at the request _____
_____(Contractor (s) do hereby undertake to pay to the Company an amount not exceeding Rs. _____
_____ against any loss or damage caused to or suffered or would be caused to or suffered by the Company by reason of any breach by the said Contractor (s) of any of the terms and conditions contained in the said Agreement.
2. We, _____(indicate the name of the Bank)_____ do hereby undertake to pay the amounts due and payable under this guarantee without any demur, merely on a demand from the Company stating that the amount claimed is due by way of loss or damage caused to or would be caused to or suffered by the Company by reason of breach by the said Contractor(s), of any of the terms of conditions contained in the said Agreement or by reason of the contractor(s), failure to perform the said Agreement. Any such demand made on the Bank shall be conclusive as regards the amount due and payable by the Bank under this guarantee. However, our liability under this guarantee shall be restricted to an amount not exceeding Rs. _____.
3. We undertake to pay to the Company any money so demanded notwithstanding any dispute or disputes raised by the Contractor(s) in any suit or proceeding pending before any court or Tribunal relating thereto our liability under this present being absolute and unequivocal.

The payment so made by us under this bond shall be a valid discharge of our liability for payment there under and the Contractor(s) shall have no claim against us for making such payment.

4. We, _____(indicate the name of the Bank)_____ further agree that the Guarantee herein contained shall remain in full force and effect during the period that would be taken for the performance of the said Agreement and that it shall

continue to be enforceable till all the dues of the Company under or by virtue of the said Agreement have been fully paid and its claims satisfied or discharged or till _____ Office / Department / Division of Bharat Heavy Electrical Limited certifies that the terms and conditions of the said Agreement have been fully and property carried out by the said contractor(s) and accordingly discharged this guarantee. Unless a demand or claim under this guarantee is made on us in writing on or before the _____ we shall be discharged from all the liability under this guarantee thereafter.

5. We, _____(indicate the name of the Bank)_____ further agree with the Company that the Company shall have the fullest liberty without our consent and without affecting in any manner our obligations hereunder to vary any of the terms and conditions of the said Agreement or to extend time of performance by the said contractor(s) from time to time or to postpone for any time or from time to time any of the power exercisable by the company against the said contractor(s) and to forbear or enforce any of the terms and conditions relating to the said Agreement and we shall not be relieved from our liability by any reason of any such variation or extension being granted to the said contractor(s) or for any forbearance, act or omission on the part of the company or any indulgence by the company to the said contractor(s) or by any such matter or thing whatsoever which under the law relating to sureties would but for this provision have effect of so relieving us.

6. This guarantee will not be discharged due to the change in the constitution of the Bank or the contractor(s).

7. We, _____(indicate the name of the bank)_____ lastly undertake not to revoke this guarantee during its currency except with the previous consent of the Company in writing.

Dated the _____ day of _____

For _____(indicate the name of the bank)_____

LIST OF BHEL CONSORTIUM BANK	
1	State Bank of India
2	Canara Bank
3	Bank of Baroda
4	Punjab National Bank
5	State Bank of Hyderabad
6	State Bank of Travancore
7	Corporation bank
8	Syndicate Bank
9	Indian Bank
10	Oriental Bank of Commerce
11	UCO bank
12	Central bank of India
13	IDBI Ltd.
14	HDFC Bank Ltd.
15	ICICI Bank Ltd.
16	Kotak Mahindra Bank ltd
17	The Federal bank Limited
18	Abn-Amro Bank
19	Citi Bank
20	HSBC
21	Deutsche Bank
22	Standard Chartered Bank
23	United bank of India
24	Vijaya Bank
25	Union Bank of India
26	Bank of India
27	Andhra Bank
28	Punjab & Sind Bank
29	Axis Bank

GENERAL TERMS AND CONDITIONS OF REVERSE AUCTIONING

Against this enquiry for the subject item /system with detailed scope of supply as per enquiry specifications, BHEL may resort to “REVERSE AUCTION PROCEDURE” i.e., ON LINE BIDDING ON INTERNET.

1. For the proposed reverse auction, technically and commercially acceptable bidders only shall be eligible to participate.
2. BHEL will engage the services of a service provider who will provide all necessary training and assistance before commencement of on line bidding on internet.
3. BHEL will inform the vendor in writing in case of reverse auction, the details of Service Provider to enable them to contact & get trained.
4. Business rules like event date, time, start price, bid decrement, extensions etc. also will be communicated through service provider for compliance.
5. Vendors have to fax the Compliance form in the prescribed format (provided by Service provider) before start of Reverse auction. Without this, the vendor will not be eligible to participate in the event.
6. BHEL will provide the calculation sheet (e.g., EXCEL sheet) which will help to arrive at “Total Cost to CFFP/BHEL” basis which covers all parameters of specification and commercial terms for each of the vendor to enable them to fill-in the price and keep it ready for keying in during the Auction.
7. Reverse auction will be conducted on scheduled date & time.
8. At the end of Reverse Auction event, the lowest bidder value will be known on the network.
9. The lowest bidder has to Fax the duly signed Filled-in prescribed format as provided on case-to-case basis to BHEL through Service provider within 24 hours of Auction without fail.
10. Any variation between the on-line bid value and the signed document will be considered as sabotaging the tender process and will invite disqualification of vendor to conduct business with BHEL as per prevailing procedure.
11. In case BHEL decides not to go for Reverse Auction procedure for this tender enquiry, the Price bids and price impacts, if any, already submitted and available with BHEL shall be opened as per BHEL’s standard practice.

**AUTHORISATION LETTER
FOR E-PAYMENT/ELECTRONIC FUNDS TRANSFER (EFT/RTGS)
PLEASE FILL UP THE FORM IN CAPITAL LETTERS ONLY**

TYPE OF REQUEST (Tick One) CREATE CHANGE

BHEL Vendor/ Supplier Code
Company's Name
Address
City
Pincode
State

Contact Person(S)
Telephone NO.
FAX. No.
e-mail id

1. Bank Name
2. Bank Address
3. Bank Telephone No.
4. Bank Account No.
5. Account Type.
6. Bank's Branch Code
7. Bank's IFSC Code
8. Bank Swift Code
(aplicable to EFT only)
9. Enclose blank cancelled cheque

DECLARATION

1. I as representative/Owner of the above named company, hereby authorize BHEL CFFP, Ranipur, Haridwar to electronically make payments to the designated bank account. I hereby certify that the particulars given above are true, complete and correct.
- (2) If the transsation is delayed or not effected at all for reasons of incomplete or incorrect information, I would not hold BHEL/transfereing Bank responsible.
3. This authority remains in full force untill BHEL, CFFP, Ranipur, Haridwar receives & acknowledge written notification requesting a change or cancellation.
4. I have read the contents of the covering letter and agree to discharge the responsibility expected of me as a participant under E-payment/EFT/RTGS.

Date:
Authorized Signatory
Designation

Company Seal

Verification By Bank

Please provide e-payment details verified by Bank along with cancelled cheque in the Format (above) to CFFP / BHEL Haridwar for enabling e-payments.



BHARAT HEAVY ELECTRICALS LIMITED
CENTRAL FOUNDRY FORGE PLANT

SPECIFICATION FOR GOUGING RECTIFIERS (1500 amperes) -FT/SP/01- Rev 02

1.0 DESCRIPTION

This specification governs the requirement of heavy duty Gouging Rectifier (1500 Amperes)

2.0 OBJECTIVE

The Gouging rectifiers shall be used for air arc gouging (with copper coated gouging electrode of $\phi 6$ mm to $\phi 19$ mm) on steel castings by Manual Air Arc Gouging Process at 100% manual duty cycle and current range of 200 to 1500 amperes.

3.0 SCOPE

The scope of supply includes design, manufacture, supply, erection and commissioning of the equipment (including performance proving) at our works. The technical and general requirements of the equipment are given below.

The supplier shall give guarantee for trouble-free operation of the equipment for a period of two years from the date of commissioning of the unit.

4.0 TECHNICAL SPECIFICATION OF GOUGING RECTIFIER

3.1	Gouging rectifier shall be diode bridge controlled, with 6 diodes	
3.2	Unit	Single unit and having single operator mode
3.3	Out put current	DC, 200 to 1500 amperes, Stepless
3.4	Out put current rating	1500 amperes at 100% manual duty cycle
3.5	Output current variation	5% of set current
3.6	Open circuit voltage	40 - 80 Volt
3.7	Class of Insulation	Class "F"
3.8	Cooling	Forced air cooling
3.9	Input supply	415 Volt \pm 10 % , Three phase AC, 50 Hz
3.10	Working Condition	A) Atmospheric Temperature : 3 - 50 ° C B) Relative Humidity : 95% RH max. C) Condition of heavy fumes, dust laden with iron particles associated with steel foundry.

5.0 TECHNICAL AND GENERAL REQUIREMENTS

- 5.1 The equipment should be of Constant Current characteristics.
- 5.2 Coil winding material shall be of copper only.
- 5.3 The equipment should have excellent arc stability throughout the entire range (200 - 1500 amperes).
- 5.4 The equipment should be fitted with energy saving device with bypass switch.
- 5.5 The transformer of rectifier unit should be designed for heavy duty gouging service with upto $\phi 19$ mm copper coated gouging electrodes and should have extra durability. The equipment should be fitted with protection against single phasing, under/over input voltage and short circuit and thermal overload protection.
- 5.6 The equipment should be equipped with suitable incoming line reactor to reduce harmonics in incoming supply.
- 5.7 Equipment should be robust and compact in construction for use at rough shop floor condition with proper ventilation in between components and winding layers of individual coils for proper cooling during continuous duty.
- 5.8 The front panel of the Rectifier should have
 - a) Indicating lamps for 3 phase supply, single phasing, under/over input voltage & short circuit and thermal overload protection etc for ease of trouble shooting.
 - b) Rectifier ON / OFF Switch
 - c) Digital voltmeter and Ammeter with Selector switch to read whenever needed.
 - d) Welding Current Setting Knob.
- 5.9 The equipment should have easy accessibility to major components from maintenance view point.
- 5.10 All contactors and isolating switches should be of higher rating (at least one step above) and should be of Siemens /L&T make.
- 5.11 The equipment should have provision of lifting/ handling and moving at shop floor.
- 5.12 Rectifier should be workable under conditions of heavy fumes & dust laden with iron particles associated with steel Foundry.
- 5.13 Supplier should be able to provide prompt after sales service during and after expiry of guaranty period and the response time should not be more than 48 hrs.

6.0 PACKING

The rectifier should be supplied in suitable packing to avoid any damage during handling, transit and storage.



Handwritten signatures and dates:
1. A signature followed by a horizontal line.
2. A signature followed by a horizontal line.
3. A signature with the date 08/12/12 written below it.
4. A signature with the date 8/12/2012 written below it.

7.0 DETAILS TO BE INCLUDED IN THE OFFER

Following details are to be included while submitting the offer

- a) Clause wise confirmation against this specification.
- b) Technical literature/photographs/ list of complete spares with specification used the gouging rectifier at the first instance.
- c) List of customers to whom similar Gouging Rectifiers have been supplied & working satisfactorily.
- d) The gouging rectifier shall be demonstrated to ensure loading at 1000 amp, 50 volts continuously for 1 hour without any interruption during inspection.

8.0 DOCUMENTS TO BE PROVIDED BY THE SUPPLIER

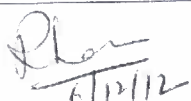
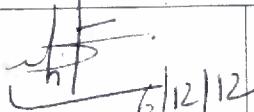
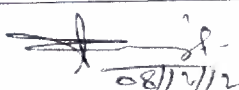
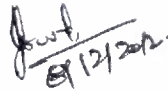
Five sets of documents as given below shall accompany the equipment. Alongwith hardcopy, the information shall also be provided in form of a compact disc (CD) contain documents in Autocad format (for drawings) or Microsoft office formats.

- (a) Operation and Maintenance Manual including do's and don'ts and fault diagnostics.
- (b) Assembly drawings, Electric and electronic circuit diagrams, wiring diagrams and General diagram with part placement alongwith make, rating and specification.
- (c) Test and Guarantee certificate of the equipment as a whole and Test certificate of all measuring instruments.
- (d) List of spares, alongwith individual prices, identification number and also details of all bought out items with their specification and make.

9.0 INSPECTION AND REPLACEMENT

9.1 The equipment shall be inspected at CFFP, BHEL which will be binding on the supplier. IF the equipment received at CFFP 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.

9.2 BHEL reserves the right to inspect the equipment at site before despatch. The supplier shall give prior intimation at least fifteen days in advance. The supplier shall submit a copy of test certificate in advance of the equipment offered for inspection. However, inspection at CFFP shall be final. The supplier shall offer BHEL representative all reasonable test facilities without charge to satisfy the latter that the equipment is being furnished in accordance with the specification. The final dispatch shall be made after clearance from BHEL.

Prepared by	Checked and Approved by		
 6/12/12	 6/12/12	 08/12/12	 09/12/2012
R Lakra Manager (FT)	SK Gupta Sr. Manager (M&S)	Abhay Singh AGM(SF- Fett & BMG)	VK Agarwal AGM (QM)

GOUGING RECTIFIER (1500 AMPS.)**SECTION - I: PRE QUALIFYING CRITERIA**

The BIDDER has to compulsorily meet the following requirements to get qualified for considering the technical offer:

S.No.	REQUIREMENTS	VENDOR's RESPONSE
1.0	<p>Only those vendors (OEMs), who have Designed, supplied at least 30 numbers of Gauging Rectifiers with minimum capacity of 1200 A in the past three years (on the date of opening of Tender) and such Gauging Rectifiers are presently working satisfactorily for more than one year after commissioning (on the date of opening of Tender) should quote.</p> <p>However, if such Gauging Rectifiers had already been supplied to BHEL, then that Gauging Rectifiers should be presently working satisfactorily for more than one year after it's commissioning and acceptance (on the date of opening of Tender).</p>	
	The vendor should submit following information where similar machine has been supplied for qualification of their offer.	
1.1	Name and postal address of the customer or company where similar Gauging Rectifiers are installed.	
1.2	Name and designation of the contact person of the customer.	
1.3	Phone, FAX no and email address of the contact person of the customer.	
1.4	Month and Year of commissioning of the Gauging Rectifiers.	
1.5	Along with the Technical offer, the Vendor should submit at least 10 nos. Performance certificate from the customer for the satisfactory performance in last one year, of the Gauging Rectifiers supplied to them. For obtaining the Performance certificate, a suggestive format is provided in SECTION- III .	
1.6	BHEL reserves the right to verify the information provided by vendor. In case the information provided by vendor is found to be false/ incorrect, the offer will be rejected.	
1.7	The Supplier should have annual turnover of Rs 1 Crore. and above for past 3 years. (Audited Balance sheet required as supporting document).	

SECTION - II

The BIDDER / VENDOR is requested to provide the following information:

S.No.	REQUIREMENTS	VENDOR's RESPONSE
3.0	The BIDDER/VENDOR to furnish Reference List of Customers, with full address, details of contact person, where Gauging Rectifiers have been supplied in the past.	
4.0	Details of Gauging Rectifiers supplied to other BHEL units, if any. (Year of commissioning, Capacity)	
5.0	Details on SERVICE-AFTER-SALES Set-Up in India including the Address of Agents / Service Centres in North India along with PAN, TAN, and Registration certificate & Deed of agreement with Indian agent.	
6.0	Any Additional Data to supplement the manufacturing capability of the BIDDER for the subject equipment.	

SECTION - III

The performance certificate should be produced on Customer's Letter Head.

PERFORMANCE CERTIFICATE

1. Supplier of the machine	
2. Make & Model of the M/C	
3. Month & Year of Commissioning	
4. Application for which M/C is used	
5. Parameters a) Output Current b) Output voltage at 1200 A c) Input Current	
6. Performance of the Machine (Strike off whichever is not applicable)	Satisfactory / Good / Average / Not Satisfactory
7. After sales service (Strike off whichever is not applicable)	Satisfactory / Good / Average / Not Satisfactory
8. Any Other remarks	
Date:	Signature & Seal of the Authority Issuing the Performance Certificate