



**BHARAT HEAVY ELECTRICALS LIMITED**  
(A Govt. of India Undertaking)  
**ELECTRICAL MACHINE REPAIR PLANT**  
Plot No.D-1, Cross Road 'C', Road No.16, MIDC, Andheri (East),  
**MUMBAI – 400 093**  
[(28358707/28358711) Fax 022-28231161/28364587]  
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**NOTICE INVITING TENDER.**

NIT No: BHEL/EMRP/PUR/Y/210443873

O/C

Date: 22.09.2014

W.O.No.3864-12

Project: Parbati-II HEP

M/s \_\_\_\_\_

**Sub: NIT for Rectifier Welding Machine & Welding Generator**

Sealed tender are invited in two-bid system for supply of following material for **Mechanical Workshop** item.

1. Rectifier Welding Machine ..... Qty.05 Nos.
  2. Welding Generator ..... Qty.02 Nos.
- (Make: KIRLOSKAR / ESAB / STERCO / FELIS LEO / ADOR / CRUX WELD / UNITECH TRANSFORMER  
As per specn no EM-NHPC-PBTII-MWS-33 Rev.00 (sht.01 to 11)

**1. Rectifier Welding Machine**

- Rated welding current 40 -600 A
- 415 V,3Ph,50Hz, AC rated duty cycle 60%, class of insulation H
- Rated open circuit voltage: Max 80V (rms)
- Minimum hand welding current : not to be more than 10% of rated current
- Maximum hand welding current : not exceed 1.35 times of rated current
- Machine shall be used for MS and SS welding with low hydrogen and basic coated types of electrodes respectively. It can also be used for 'gouging by carbon electrodes

**Special Accessories:**

- (i) 20 mm of extra flexible rubber covered electrode, copper cable with electrode holder ... 01 no.
- (ii) Welding goggles ..... 02 nos.
- (iii) Hand gloves ..... 02 Pairs
- (iv) Head shield ..... 01 no.
- (v) Spare lenses (plain & dark) ..... 20 nos. each

**Spare parts:**

- (i) Indicating lamps of each type ..... 05 nos.
- (ii) Fuse of each type ..... 10 nos.
- (iii) Plug & Socket of each type ..... 04 nos.
- (iv) Cards of each type ..... 01 no.

**2. Welding Generator**

- Rated welding current 40 -400 A
- 415 V,3Ph,50Hz, AC rated duty cycle 60%, class of insulation F
- Rated open circuit voltage: Max 80V (rms)
- Minimum hand welding current : not to be more than 10% of rated current
- Maximum hand welding current : not exceed 1.35 times of rated current
- Machine shall be used for MS and SS welding with low hydrogen and basic coated types of electrodes respectively. It can also be used for 'gouging by carbon electrodes

**Special Accessories:**

- (i) 20 mm of extra flexible rubber covered electrode, copper cable with electrode holder ... 01 no.
- (ii) Welding goggles ..... 02 nos.
- (iii) Hand gloves ..... 02 Pairs
- (iv) Head shield ..... 01 no.
- (v) Spare lenses (plain & dark) ..... 20 nos. each

**Spare parts:**

- (i) Indicating lamps of each type ..... 05 nos.
- (ii) Fuse of each type ..... 10 nos.
- (iii) Plug & Socket of each type ..... 04 nos.
- (iv) Cards of each type ..... 01 no.

**Note:** The technical acceptance of the bid will be subjected to the approval of design memorandum and evaluation of technical bid.

**A - Technical Terms and conditions:**

- a) Acceptance Norms as per Specification No.EM-NHPC-PBTII-MWS-33 Rev.00.
- b) Please quote in Indian Rupee, offer received in other currency will not be accepted.

**Important Note:**

**1. The offers of the bidders who are on the banned list, as also the banned list of offers of the bidders, who engage the services of the banned firms , shall be rejected . the list of banned firms available on BHEL site [www.bhel.com](http://www.bhel.com).**

**2. "MSE suppliers can avail the indented benefits only if they submit along with offer, attested copies of either EM II certificate having deemed validity (two years from the date of issue of acknowledgement in EM II) or valid NSIC certificate or EM II certificate along with CA certificate (Format enclosed as per Annexure – I) applicable for the year, certifying quantum of investment in plant and machinery within the permissible limit as per the act for relevant status (Micro or small) where the deemed validity of EM II is over. Date to be reckoned for determining the deemed validity will be the last date of technical bid submission. Non submission of such documents will lead to consideration of their bids at par with other bidders and MSE status of such suppliers shall be shifted to Non MSE suppliers till the supplier submits these documents."**

Commercial terms & conditions, General terms & conditions and Procedure for submission of tender are enclosed herewith. Offer should be submitted strictly in accordance with the same.

Tender Enquiry: BHEL/EMRP/PUR/Y/210443873 Dt.22.09.2014  
Tender Submission date: 13.10.2014 up to 2.00 pm.  
Tender Opening date: 13.10.2014 at 2.30 pm. in conference Hall.

Anticipating your reply,  
Yours faithfully  
For Bharat Heavy Electricals Ltd.

  
22/9/14  
Sr DGM (MM)

Tender Enquiry: BHEL/EMRP/PUR/Y/210443873 Dt 22.09.2014

Bidder's Ref No: \_\_\_\_\_

**NO DEVIATION CERTIFICATE**

We here by accept and agree to all the Techno-Commercial & general terms & conditions given in the tender enquiry No. **BHEL/EMRP/PUR/Y/210443873 Dt.22.09.2014** without any deviation.

Authorized Signatory,  
With seal of the company

----- OR -----

**PROFORMA FOR DEVIATION TO TENDER TERMS SOUGHT BY BIDDERS**

BHEL expects the bidders to fully accept the terms and conditions of the NIT. However, deviations if any considered essential by the bidder may be communicated in the following proforma. **Deviation not listed in the following deviation proforma, even if mentioned else where in the offer document shall not be considered.**

Sr. No.	Clauses	Accepted	Not Accepted	Deviation
<b>A</b>	<u>Technical terms &amp; Conditions</u>			
1	Acceptance norms as per Specification No. EM-NHPC-PBTII-MWS-33 Rev.00.			
2	Quote in Indian Rupee			
<b>B</b>	<u>Commercial Clause:</u>			
1	Price clause 1.1			
2	Documentation clause 1.2			
3	Validity clause 1.3			
4	Price variation clause 1.4			
5	Delivery period clause 1.5			
6	Delivery schedule clause 1.5.1			
7	Delayed Delivery Penalty clause 1.6			
8	Place of dispatch 1.7 ( <b>Vendor to mention</b> )			
9	Delivery place clause 1.8			
10	Transportation clause 1.9			
11	Packing & Forwarding clause 1.10			
12	Payment terms clause 1.11			
13	Taxes & duties clause 1.12			
14	Excise Duty / PAC acceptance clause 1.12.1			
15	Sales Tax clause 1.12.2			
16	Transit Insurance clause 1.13			
17	Entry / Octroi clause : 1.14			
18	Inspection clause 1.15			
19	Interpretation of Contract 1.16			
20	Evaluation criteria clause 1.17			
21	Guarantee Certificate clause 1.18			
22	General terms & conditions clause 1.19			

We confirm acceptance of all other terms and conditions of NIT

Signature of the bidder  
Seal of the company

Tender Enquiry No.: **BHEL/EMRP/PUR/ Y/210443873 Dt.22.09.2014**  
 Bidder's Ref No: \_\_\_\_\_

**Proforma for Price Bid Part "B"**

Description	Qty. (No.)	Unit Rate per no as per total cost to BHEL as per break up below in Rs.	Total Price
<p><b>Rectifier Welding Machine</b></p> <ul style="list-style-type: none"> <li>Rated welding current 40 -600 A</li> <li>415 V,3Ph,50Hz, AC rated duty cycle 60%, class of insulation H</li> <li>Rated open circuit voltage: Max 80V (rms)</li> <li>Minimum hand welding current : not to be more than 10% of rated current</li> <li>Maximum hand welding current : not exceed 1.35 times of rated current</li> <li>Machine shall be used for MS and SS welding with low hydrogen and basic coated types of electrodes respectively. It can also be used for 'gouging by carbon electrodes</li> </ul> <p>As per Specn No EM-NHPC-PBTII-MWS-33 Rev.00 + Special accessories + Spare parts</p>	05		
<p><b>Welding Generator</b></p> <ul style="list-style-type: none"> <li>Rated welding current 40 -400 A</li> <li>415 V,3Ph,50Hz, AC rated duty cycle 60%, class of insulation F</li> <li>Rated open circuit voltage: Max 80V (rms)</li> <li>Minimum hand welding current : not to be more than 10% of rated current</li> <li>Maximum hand welding current : not exceed 1.35 times of rated current</li> <li>Machine shall be used for MS and SS welding with low hydrogen and basic coated types of electrodes respectively. It can also be used for 'gouging by carbon electrodes</li> </ul> <p>As per Specn No EM-NHPC-PBTII-MWS-33 Rev.00 + Special accessories + Spare parts</p>	02		

**Break-up of above total unit rate**

Sr. No.	Description	Rectifier Welding Machine	Welding Generator
1	Basic rate per unit.		
2	P&F		
3	Excise duty if any(Specify rate)		
4	CST / VAT if any(Specify rate)		
5	Transportation cost		
6	Octroi/Entry Tax. <b>(Not in vendor scope)</b>		
7	Any other (Specify)		
8	Total (1+2+3+4+5+6+7)		

**Note:**

- Vendors should clearly indicate the rates of taxes and duties applicable as per above Proforma.
- Final evaluation shall be carried out after considering CENVAT / VAT credit available to BHEL.
- Vendor to confirm relevant documents will be provided to BHEL for availing CENVAT / VAT credit.

Authorized Signatory.  
with Seal of company

**B - COMMERCIAL TERMS AND CONDITIONS**

**1.1 Price:** Price should be quoted strictly as per proforma for price bid on FOR destination basis Inclusive of transportation, or any other transit expenditure. For bid evaluation, price will be calculated on the basis of landed cost to BHEL as per the price proforma.

**1.2 Documents Required: Vendor has to submit following documents with Technical Bid :**

- a) Product catalogue with complete specification, Make and Model No., physical dimension of the Product, etc,
- b) Guarantee Certificate valid for 24 months from the date of supply or 18 months from the date of commissioning whichever is earlier.
- c) OEM certificate if any.
- d) Completely filled in Annexure – II of NIT in a Price Bid (Separate Envelope)
- e) Also documents as per clause 6 of Specification No.EM-NHPC-PBTII-MWS-33 Rev.00.

**1.3 Validity of offer:** - 90 days from the date of Technical Bid opening / extended date.

**1.4 Price variation clause:** Price offered shall be firm and valid till complete execution of the order without any escalation /increase for any reason whatsoever.

**1.5 Delivery Period:** Within **16 weeks** from the date of PO/LOI. Early delivery will be preferred.(i.e., material to be delivered to destination site within the stipulated delivery period) (Delay in dispatch clearance will not be counted)

**1.5.1 Delivery Schedule: 16 weeks.** The material is required to complete the project in stipulated time .Vendors are requested to accept the delivery schedule stated above. In case BHEL do not get sufficient response accepting our delivery schedule, then the offers with deferred delivery schedule will be accepted. In such cases, loading @0.50% of basic price per week will be done to arrive at the landed cost to BHEL.

**1.6 Delayed Delivery Penalty:** Penalty will be levied @ 0.5 % per week of delay on the undelivered portion subject to a maximum of 10% of purchase order value. Grace period of 2 weeks shall be allowed for calculating penalty period. Penalty will be calculated on basic cost.

**1.7 Place of dispatch:** - The vendor has to clearly specify the place from where material will be dispatched.

**1.8 Delivery Place:** Material shall be delivered to site directly on door delivery basis. Free delivery at our site:

**BHEL Site Address  
Asst. Manager (BHEL Store)  
NHPC Parbati II HEP  
VPO.- Sainj  
Dist.-Kullu (HP)-175134.**

**1.9 Transportation:** Shall be arranged by Vendor. (Vendor scope). Charges, if any may be given in the price bid.

**1.10 Packing & Forwarding:** Price should normally be quoted inclusive of all Packing & Forwarding charges. The charges if any may be given in the price bid. The equipment should be secured in Road-worthy packing material and packed in wooden casing duly secured to avoid any damage. The Packing Box shall have following Markings:

- a) Item Description & Quantity.
- b) BHEL PO No. and Date
- c) Project Name : 4 x 200 MW Parbati II HEP
- d) Packing List (One copy inside the packing box properly tagged, One copy to be nailed on outside the packing box & one copy to be sent along with the billing advice)

**1.11 Payment Terms:**

- Payment of 90% of order value will be made within 90 days (45 days for MSEs (covered under MSME act) which are registered and periodically renewed with BHEL) after receipt of clear bills along with all supporting documents from you (applicable to every bill) with proof of receipt & acceptance of material at site by the consignee or his representative with signature, seal & date **Kindly furnish Annexure A (enclosed) duly certified by CA.** Original receipted copy of LR to be submitted along with all relevant billing documents and packing list.
- Balance 10% of payment shall be released on completion of warranty / guarantee period of 24 months from the date of supply OR on submission of PBG in BHEL format of equal amount from any nationalized bank valid for 24 months from the date of supply.
- Payment will be made through e-payment only. Vendor should furnish bank details if not submitted earlier.
- In case, of any deviation to the payment terms mentioned above, loading shall be done on basic price with the PLR (prime lending rate) of SBI + 2% for the period of relaxation sought by the bidder ( PLR shall be considered from the date of technical bid opening)

**1.12 Taxes & Duties:** Bidders to clearly specify the taxes and duties applicable on the date of submission of offer. However, any statutory variation in the rates and taxes and duties after the date of submission shall be considered and actual rates applicable at the time of dispatch of material shall be payable at actual against documentary evidence.

**1.12.1 Excise Duty:** Vendor may please mention applicability of excise duty. Excise duty is exempted for this project being a MEGA Project. Project Authority Certificate (PAC) will be given to the vendor in the event of order. Vendor has to mention acceptance / non acceptance to this clause. In case of non acceptance, ED will be considered for evaluation of bid, subject to customer clearance.

**1.12.2 Sales Tax:** Extra at actual against Form 'C' shall be paid wherever applicable. This being a 6(2) sale, vendor will have to submit E1/E2 form.

**1.13 Transit Insurance:** By Vendor.

**1.14 Entry Tax / Octroi charges:** Not in vendor scope. Entry tax / Octroi charges / other entry / octroi related charges shall be borne by BHEL (PSNR) approved octroi agents.

**1.15 Inspection:** BHEL shall inspect the material before dispatch through BHEL nominated Inspection Agencies TUV or QUEST. Inspection charges to BHEL account. BHEL however may issue an inspection waiver based on submitted test reports, calibration certificate etc. Dispatch clearance will be given separately on receipt of MDCC from customer.

**1.16 Interpretation of Contract:** In case of two or more than two interpretations or differences in any of the technical specifications or terms and conditions of the contract then the interpretation which is in favour of BHEL shall be final & binding.

**1.17 Evaluation Criteria:** Price evaluation shall be done on the basis of landed cost of each item combined with accessories, spares etc., to BHEL.

**1.18 Guarantee Clause:** Full guarantee for the performance of the equipment / instrument / machine and total system for a period of 24 months from the date of supply or 18 months from the date of commissioning whichever is earlier, shall be furnished.

**1.19 General Terms & Conditions Clause:** Vendor to agree the general terms & condition clauses 3.1 to 3.5 and confirm acceptance

## **2 PROCEDURE FOR SUBMISSION OF TENDER (It is a Two part bid Tender)**

- 2.1 Bidder shall submit the offer in two bid system in two different sealed covers.
- 2.2 Part 'A': Techno-Commercial Bid.
- 2.3 Part 'B': Price Bid.
- 2.4 **Tender No., date and due date of opening should be written on both the covers.**
- 2.5 These two covers shall then be placed in a large cover and sealed. The Large cover should also have Tender no., Date and Due Date. This should be dropped in the tender box placed at the entrance of our works before due date and time.
- 2.6 **Part 'A' - Techno Commercial Bid:** Techno Commercial Bid shall contain technical and commercial offer as per NIT Proforma, indicating acceptance of NIT terms, as per Annexure-I. Acceptance of all technical and commercial terms and conditions given in the format **Annexure I.** (No Deviation certificate and deviation Proforma), duly filled in signed as required. Blank Price Bid Proforma indicating only the rates of taxes and duties applicable, **without rate / price for material**, should be enclosed with the techno-commercial bid Part A.
- 2.6 Any deviation in the above mentioned terms and conditions or conditional offer may render the offer invalid and shall be liable to be rejected, and price bid of such bidders shall not be opened. Price bid of only those bidders shall be opened whose Techno-Commercial offer is found suitable and acceptable. Date of opening of price bid shall be communicated to only those bidders whose Techno-Commercial bid will be accepted.
- 2.7 **Part 'B':** Price Bid Part B should contain only the price duly filled in Price Bid Proforma Annexure II, **without any terms and conditions.** Any terms and conditions, if mentioned in the price bid, shall be ignored and not considered. Price Bid received in open condition will be considered only if the offer is technically and commercially accepted without any deviation. The offer received having price bid in open condition and with technical / commercial deviation will be rejected.
- 2.8 Techno-Commercial bid shall be opened first and after freezing all technical and commercial conditions only the price bid will be opened.
- 2.9 The date for price bid opening shall be intimated to all the techno-commercial qualified bidders before price bid is opened.
- 2.10 The bidders will also be informed, if their techno-commercial bid is not acceptable.
- 2.11 Bidders will be allowed submit the impact on their quoted prices due to changes in technical scope, specifications, commercial terms/conditions, only if in the opinion of BHEL such changes warrant changes in prices. BHEL may also accept revised priced if there are major changes in scope. The decision to invite revised price-bid will be solely decided by BHEL.

## **3 GENERAL TERMS AND CONDITIONS**

- 3.1 BHEL reserves all rights for rejecting any or all offers in full or part without assigning any reason in the interest of BHEL.
- 3.2 Tender should be free from over writing and erasers, additions if any must be attested.
- 3.3 Purchase Order will be subject to general conditions of purchase prevailing in Bharat Heavy Electricals Limited.
- 3.4 Any dispute arising out of this shall be referred to the sole arbitration of Unit Head, BHEL, EMRP, Mumbai OR any other officer nominated by him and his award shall be final and binding on the parties. The venue of the arbitration in all cases shall be Mumbai.
- 3.5 All suits in respect of this NIT shall be in the courts of Mumbai.

  
Sr. DGM-(MM) 22/9/14

Annexure-A

**Certificate by Chartered Accountant on letter head**

This is to certify that M/S \_\_\_\_\_  
(herein after referred to as company') having its registered office at \_\_\_\_\_ is  
registered under MSMED Act 2006, (Entrepreneur Memorandum No. (Part-  
II) \_\_\_\_\_ dtd: \_\_\_\_\_  
Category \_\_\_\_\_ (Micro/Small). (Copy enclosed)

Further verified from Books of Accounts that the investment of the company as on  
date \_\_\_\_\_ as per MSMED Act 2006 is as follows:

1. **For Manufacturing Enterprises:** Investment in plant and machinery (i.e., original cost  
excluding land and building and the items specified by the ministry of Small Scales Industries vide its  
notification No. S.O.1722(E) dated October 5, 2006:  
Rs. \_\_\_\_\_ Lacs

2. **For Service Enterprises:** Investment in plant and machinery (i.e., original cost excluding  
land and building and furniture fittings and other items not directly related to the services rendered or  
as may be notified under the MSMED act 2006:  
Rs. \_\_\_\_\_ Lacs

The above investment of Rs. \_\_\_\_\_ Lacs is with in permissible limit of  
Rs. \_\_\_\_\_ lacs for \_\_\_\_\_ Micro / Small (Strike off which is not applicable)  
Category under MEMED Act 2006.

Date:

(Signature)

Name –

Membership number –

Seal of Chartered Accountant