



Enquiry

Bharat Heavy Electricals Limited
Transmission Business Group
Materials Management

Project : PGCIL BIHARSHARRIF JAMSHEDPUR GAZUWAKA RENGALI ROURKELA DURGAPUR GORAKHPUR

Enquiry No	Enquiry Dt	Rev No	Rev Dt	PI No	Enquiry Type	Inspection by	Due Dt	Commercial Comments	Technical Comments	Signing Authority
275E088	19-Jun-15	0		342240320	Package		22-Jul-15	B. Kumawat, Dy Mgr./TBMM	Vijay, Kumar, Dy Mgr./TBEM	

Document Enclosed

- Technical Specifications
- Terms & Conditions for Indigenous Enquiry
- Activity Schedule
- Schedule of Information (checklist) to be furnished
- Schedule of Commercial Deviation
- Schedule of Technical Deviation

SN	Equipment	Phy Unit	Qty	Plan Dt	Comments
1	MS ROD 40 MM DIA	MT	217.6	10-Jun-15	AS PER STANDARD SPEC TB-235-509-039, R2. (SITE WISE BREAK-UP: ROURKELA - 0.6 MT; GAZUWAKA - 91 MT; BIHARSHARRIF - 11 MT; RENGALI - 77 MT; JAMSHEDPUR - 7 MT; DURGAPUR - 27 MT & GORAKHPUR - 4 MT)

You are requested to submit your most competitive offer so as to reach us positively by the tender opening date & time. THE TENDERS NOT RECEIVED WITHIN SCHEDULED DATE AND TIME ARE LIKELY TO BE IGNORED. BHEL shall not be responsible for any postal delay.

IN YOUR OWN INTEREST YOU ARE ADVISED TO CAREFULLY READ "THE INSTRUCTIONS TO BIDDERS". INCOMPLETE BIDS AND/OR BIDS NOT COMPLYING WITH TENDER CONDITIONS SHALL BE TREATED AS NON RESPONSIVE AND ARE LIKELY TO BE IGNORED.

In case Tender Documents are not received within 7 days of this E-mail message, intimate BHEL accordingly. If no intimation is received, it will be considered that you have received tender enquiry and delay in submission offer due to late receipt of tender documents will not be entertained. **YOU ARE REQUESTED TO SUBMIT YOUR MOST COMPETITIVE OFFER SO AS TO REACH US POSITIVELY BY 2 PM ON THE TENDER OPENING DATE AND TENDER WILL BE OPENED AT 2:30 PM WITH EFFECT FROM 15-SEP-09.**

BHEL RESERVES THE RIGHT TO OPT FOR REVERSE AUCTION FOR OBTAINING BEST PRICES.

OFFERS THROUGH E-MAIL / FAX:

WHOSEVER DESIRES TO SEND OFFERS ON THEIR OWN RISK (COMPLETE IN ALL RESPECTS) VIA E-MAIL OR FAX HAVE TO SEND THE OFFERS TO THE COMMON E-MAIL ADDRESS tenderbox@bhel.in or 0120-6748581 FAX .

THE RECEIVED EMAIL OFFERS WILL BE PRINTED BY PURCHASE COORDINATOR AND PUT THEM INTO COVERS AS PER CONVENTIONAL METHOD FOR TENDER OPENING I.E., TECHNICAL COMMERCIAL & PRICE OFFER SHALL BE PUT INTO TWO SEPARATE COVERS AND BOTH THE COVERS ARE KEPT IN THIRD COVER DULY SUPER SCRIBING ENQY. NO. AND DUE DATE.

OFFERS SENT TO ANY OTHER E-MAIL ID OR FAX NO AND INCOMPLETE OFFERS SHALL NOT BE CONSIDERED FOR EVALUATION PURPOSE.

It is suggested that the bidders are advised to send the files with 'password protection'. procedure for giving a password to a file has been given below:

For saving Excel file with password

Steps to be followed:

1. Click on the FILE option in XP system and Start sign in Vista system then go to SAVE AS option.
2. Select the location to save and Click on the TOOLS box and go to GENERAL OPTION.
3. It will ask for the password, type the password into open or modify box or both as required.
4. Then click on the OK button it will ask for reenter of the password.
5. After reentering the password click on the save box.

For saving Word file with password

Steps to be followed:

1. Click on the FILE option in XP and Start sign in Vista then go to SAVE AS option.
2. Select the location to save and Click on the TOOLS box and go to SECURITY OPTION in XP system and GENERAL OPTION in Vista system.
3. It will ask for the password, type the password into open or modify box or both as required.
4. Then click on the OK button it will ask for reenter of the password.
5. After reentering the password click on the save box.

The vendors who has sent offers with password, the passwords are to be forwarded to another email id: supplierInfo@bhelindustry.com

MSME STATUS

"THOSE INDUSTRIES WHO HAVE FILED A MEMORANDUM WITH THE CONCERNED AUTHORITIES AND REGISTERED AS MICRO & SMALL

ENTERPRISE UNDER MICRO, SMALL AND MEDIUM ENTERPRISES DEVELOPMENT ACT 2006, HAVE TO SUBMIT A COPY OF SUCH REGISTRATION CERTIFICATE / MEMORANDUM TO BHEL FOR NECESSARY COMPLIANCES OF THE ABOVE ACT..

Please acknowledge the receipt of tender enquiry and fax back this letter by ticking the appropriate item below.

for BHARAT HEAVY ELECTRICALS LTD

We acknowledge the receipt of tender.

- (a) The offer against subject enquiry shall be submitted by the scheduled date and time.
- (b) We regret to quote. The item in reference is out of our manufacturing range.
- (c) We regret because of our prior commitments.
- (d) Any other reason.

To
Dipak Kumar Mandal
Dy General Manager
BHARAT HEAVY ELECTRICALS LIMITED
TRANSMISSION BUSINESS GROUP
TOWER-A, 5th Floor,
Advant Navis IT Business Park,
Plot No.-7, Sector-142, Expressway Noida
Noida-201305
Distt: Gautam BudhNagar, U.P.

Ph: 0120-6748134
Fax: 0120-6748581

Enquiry No : 275E088 Enquiry Dt : 19-Jun-15

Signature and Seal of Tenderer

**BHARAT HEAVY ELECTRICALS LTD.
(TRANSMISSION BUSINESS GROUP)**

TERMS AND CONDITIONS FOR INDIGENOUS TENDER ENQUIRY

This Format is to be submitted in original duly signed by bidder. Deviation, if any, is to be brought out clearly in Schedule of Commercial Deviation giving clause-wise deviation. Any condition / clarification / deviation mentioned elsewhere may not be accepted.

Sr. No.	Standard Terms & Conditions for Enquiry No. 275E088 Dated 19-Jun-15 Due on 22-July-15
1.	<p>INSTRUCTION TO BIDDERS:</p> <p>a) Sealed quotations are invited for the items mentioned in the enquiry. Quotations should be typed and free from over writing and erasures. Corrections or additions must be clearly written both in words and figures and attested, otherwise offer shall be liable for rejection.</p> <p>b) Bidder must ensure that their quotation is received / dropped in the tender box on or before 14:00 Hrs of the due date of opening.</p> <p><u>Location of Tender Box:</u> Bharat Heavy Electricals Limited, Transmission Business Group, Advant Navis Business park, Tower A 5 th Floor, 7 , Sector- 142, Greater Noida Expressway, UP -201305</p> <p>c) The same shall be opened at 14.00 Hrs. on the same day. Tenders received late may be rejected. Bidders sending tenders by courier or post, to ensure that it is delivered one day before as same day delivery may not reach above office by due time.</p> <p>d) Bids are to be submitted in Two parts:</p> <p>i) Techno-commercial bid (Part-I): To be submitted in duplicate. A copy of price bid (Part-II) “without prices” is also to be enclosed in Part-I bid.</p> <p>ii) Bidder to strictly ensure submitting the price bids in BHEL format of Rate Contract or as per project requirement.</p> <p>iii) Price bid (Part-II): To be submitted only in one copy in a separate sealed envelope. This should not contain any Technical or Commercial Terms. The rates should be quoted both in figures and words. In case of any difference between figures and words, the quoted rate in words shall prevail over figure. Further in case of difference between unit rate & total price, unit rate in words shall prevail over total price.</p> <p>Both Parts-I and Part-II bids are to be sealed in separate envelope and both envelopes to be kept in another common envelope. Each envelope should be sealed and superscribed with enquiry no., item / package name, project name (if any) and due date of opening.</p> <p>e) “BHEL reserves the right to go for Reverse Auction instead of Opening the submitted sealed bid, which will be decided after technical evaluation”.</p>

Sr. No.	Standard Terms & Conditions for Enquiry No. 275E088 Dated 19-Jun-15 Due on 22-July-15
	<p>f) For any technical clarification please contact : Vijay Kumar, Dy. Manager (TBEM) Email-vijaykumar@bhel.in Phone : 0120 – 6748537</p> <p>For any commercial clarification please contact official below : Bhagchand Kumawat, Dy Manager (TBMM), TBG, BHEL, Advant Navis Business park, Tower A 5 th Floor, 7 , Sector- 142, Greater Noida Expressway, UP -201305 Email : bkumawat@bhel.in, Tel No. 0120 – 6748487.</p> <p>g) Price bid should contain only rates / prices, otherwise bid shall be liable for rejection.</p> <p>h) Price bid submitted along with the bid shall remain valid up to validity of offer. Unsolicited Supplementary / Revised price bid submitted during validity period of offer, unless asked by BHEL, shall not be considered. Withdrawal of quotation by the bidder, at any stage after its opening, may entail blacklisting of vendor.</p> <p>i) Enquiry condition for where the scope against this tender includes Installation and Commissioning of the equipment / material: Not Applicable</p>
2.	<p>PRICES:</p> <p>A. Prices shall be on FIRM basis.</p> <p>B. The prices shall be quoted by the vendors considering SI. No. B1 & B2 below:</p> <p>B1. Not applicable</p> <p>B2. Taxes and duties are payable.</p> <p>C. The prices are to be quoted on "Ex works basis" i. e. the Transportation shall be arranged by BHEL – TBG from Bidder's works. The loading of Material in Trailers at Bidder's Works to be arranged by Bidder. The Transportation Cost by BHEL will however be added to the Cost of Bidders to arrive at Landed Cost to BHEL. The Rate Contract Rates which will be used for loading are :</p> <ul style="list-style-type: none"> • Rs. 3.57/MT/KM- (Rs. Three and Fifty Seven Paise only) per MT per KM. • Freight Escalation Clause is applicable on Freight Rates. The base freight rates for mechanical trailers would increase/decrease by 50% of percentage increase/decrease in the rates of diesel prevailing over the base rates of 29.08.2014 mentioned below. Any increase/decrease so allowed will be added to or subtracted from the basic freight rate. This increase/decrease will be computed as on 5th of every month and rates will be valid for that particular calendar month. The rate of diesel will be based on the rates obtained from PSU oil companies applicable to New Delhi. Freight increase on any other account will not be permissible. <p>The Base Rates of Diesel Prices as prevailing on 29.08.2014 are Rs. 58.40/Litre. The Final Date for calculation of Transportation shall be done by trailers only. Minimum transportable weight will be 22 MT. If qty is less than this minimum Freight Escalation will be Techno-Commercial Bid opening date for this Tender for MS Rod.</p>

Sr. No.	<p>Standard Terms & Conditions for Enquiry No. 275E088 Dated 19-Jun-15 Due on 22-July-15</p>
	<ul style="list-style-type: none"> • Distance will be taken as shortest route exhibited in Motoring Guide of India. • Minimum Chargeable distance shall be 100 Kms even if the delivery destination is less than 100 Kms. • Transportation shall be done by trailer only. Minimum transportable weight will be 22MT. If qty is less than this minimum transportable weight than payment of F&I shall be made for minimum transportable weight i.e. for 22 MT. • Project Location is given in Specification to enquiry. • The prices are to be quoted on Ex-works basis. The break-up of prices shall be as under : <ul style="list-style-type: none"> a) Ex-works Price: Ex- works price including packing & forwarding and loading charges. Trailers shall be arranged by BHEL - TBG for Transportation. b) Excise Duty: Extra as applicable, Present rate is @12.5% c) Sales Tax: ST / VAT / CST (against C form) as applicable to be quoted extra as percentage in un-priced and price bid. In case of inter-state sale-in-transit supplier/vendor will have to provide E1/E2 form. d) Entry tax / Octroi Charges: NOT APPLICABLE. e) Freight & Insurance: IN BHEL - TBG Scope. (Bidders to note the Loading Criteria mentioned above for determining L1 Bidder) <p>Note: The purchase order shall be placed on Ex-works basis.</p> <p>BHEL reserves the right to resort to reverse auction.</p> <p>In order to have serious bidding in Reverse Auction, the H-1 bidder (whose quote is highest in online sealed bid) may not be allowed to participate in further RA process.</p>
3.	<p>TERMS OF PAYMENT:</p> <p>100% payment along with taxes, duties, Freight & Insurance within 60 days from the date of receipt of complete invoice in TBG, BHEL with following documents in 3 sets (Original + 2 copies).</p> <ul style="list-style-type: none"> • Excise invoice (where ED re-imbursment is required) • MICC issued by BHEL • Guarantee Certificate • Material Receipt confirmation from site (To be arranged by BHEL) • LR endorsed in favor of Customer by Site (To be arranged by BHEL)
4.	<p>INTEREST LIABILITY:</p> <p>In case of any delay in payment due to any reason, BHEL shall not pay any interest on delayed payment.</p>
5.	<p>GUARANTEE:</p> <p>The equipment / material shall be guaranteed for 18 months from the date of delivery or 12 months from the date of commissioning, whichever is earlier. The defective material / component shall be replaced free of cost at site.</p>

Sr. No.	Standard Terms & Conditions for Enquiry No. 275E088 Dated 19-Jun-15 Due on 22-July-15
6.	BANK GUARANTEE: NOT APPLICABLE
7.	FINAL ENGINEERING DOCUMENTATION: NOT APPLICABLE
8.	<p>INSPECTION: BHEL / customer / third party shall inspect equipment / material before despatch. Stage inspection during manufacturing may also be carried out. Material to be despatched only after getting Despatch Clearance from BHEL. Supplier shall send inspection call on prescribed format or website only, with an advance notice of 15 days. Vendor shall forward all inspection and test reports for issue of MICC by BHEL.</p>
9.	<p>DESPATCH DOCUMENTS: Following despatch documents are to be immediately sent to purchaser on despatch:</p> <ul style="list-style-type: none"> • Copy of Invoice • Copy of LR • Guarantee Certificate
10.	<p>DELIVERY PERIOD: Delivery required is by as early as possible for all Project sites. Bidder to specify delivery period in weeks from the date of LOI / PO in the Activity Schedule Format enclosed with enquiry for <u>each site separately</u>. Bidder to quote their best delivery plan in activity schedule. <u>Note:</u> LR date or Invoice date whichever is later shall be considered as delivery date.</p>
11.	<p>DELAYED DELIVERY: In case of delay in execution of order beyond the lot wise contractual delivery, an amount of 0.5 % of total Ex-Works Value per week or part thereof subject to maximum of 10% of total Ex-Works Value of P.O. will be Levied.</p>
12.	<p>VALIDITY: The offer shall be valid for 120 days from the due date of opening.</p>
13.	<p>ACCEPTANCE / REJECTION OF TENDER: BHEL reserves the right to reject in full or part, any or all tenders without assigning any reason thereof. BHEL also reserves right to vary the quantities mentioned in the tender.</p>
14.	<p>EVALUATION: Evaluation will be done Site/destination wise for each of the Project. Comparative statement shall be prepared on Site/destination wise quantity. Evaluation of offers shall be done on the basis of delivered cost to BHEL after loading of F & I charges up to site.</p>

Sr. No.	<p align="center">Standard Terms & Conditions for Enquiry No. 275E088 Dated 19-Jun-15 Due on 22-July-15</p>
15.	<p>DEVIATION: The bids having deviation(s) w.r.t. tender are liable for rejection. However, BHEL, at its discretion, may load the prices for evaluation of offer as per Loading Criteria for identified deviations mentioned in clause No. 22.</p>
16.	<p>ARBITRATION: All cases of disputes emanating from and relating to this contract shall be referred to the sole arbitration of Unit Head / GM, BHEL or any other person (including an employee of BHEL, even though he had to deal with the matter relating to this contract in any manner) nominated by him to act as sole arbitrator. The arbitration shall be under 'The Arbitration and Conciliation Act 1996' and the rules thereunder as amended from time to time. The arbitrator may from time to time with the consent of the parties enlarge the time for making and publishing the award. The arbitrator shall give a reasoned award. The decision of the arbitrator shall be final & binding upon both the parties. The venue of arbitration shall be Delhi.</p>
17.	<p>LEGAL SETTLEMENT: All suits/claims in respect of this contract shall be in the courts having jurisdiction at Delhi / New Delhi.</p>
18.	<p>SUBCONTRACTING : In case further subcontracting of BHEL order or part thereof is envisaged by supplier, the same can be done after written permission is obtained from BHEL. However it shall not absolve the supplier of the responsibility of fulfilling BHEL purchase order requirements.</p>
19.	<p>RISK PURCHASE: In case the successful bidder fails to supply or fails to comply with the terms & conditions of the purchase order, BHEL reserves the right to source such material / component / equipment / system from any other agency at the risk and cost of the successful bidder.</p>
20.	<p>ADJUSTMENT OF RECOVERY: Any amount payable by the supplier / vendor under any of the condition of this contract shall be liable to be adjusted against any amount payable to the supplier / vendor under any other works / contract awarded to him by any BHEL unit. This is without prejudice to any other action as may be deemed fit by BHEL.</p>
21.	<p>FORCE MAJEURE CONDITION: If by reason of war, civil commotion, act of god, Government restrictions, strike, lockout which are not in control of supplier the deliveries are delayed, supplier shall not be held responsible.</p>
22.	<p>LOADING CRITERIA FOR DEVIATIONS TAKEN BY BIDDER ON: 22.1 : TERMS OF PAYMENT: If a bidder asks for payment within specified no. of days from the date of receipt of invoice with complete documents as per "Terms of Payment" at sr. No. 3 above, loading to be done as follows: a) Base rate of SBI (as applicable on the date of techno commercial bid opening) + 6 % shall be considered for loading for the period of relaxation sought by the bidder. 60 days - No loading 22.2 : <u>DELAYED DELIVERY / PENALTY DUE TO DELAYED DELIVERY:</u> In case not accepting this clause / accepting only on un delivered portion, loading shall be for the maximum amount specified in this clause. 22.3 <u>GUARANTEE:</u> Normally BHEL may not accept deviation against this clause and offer</p>

Sr. No.	<p>Standard Terms & Conditions for Enquiry No. 275E088 Dated 19-Jun-15 Due on 22-July-15</p> <p>may be ignored on this deviation, however If the offered guarantee period is less than the tender guarantee period the ex- works prices shall be loaded for the difference in the period (higher of the difference with respect to guarantee required from date of delivery and date of commissioning) @ 2.5 % per year for number of months(fractional months to be rounded off to next higher)</p>
23.	<p>TECHNICAL SPECIFICATIONS:</p> <p>Standard Technical Specification <u>IB-235-509-039 Rev. 02</u></p>
24	<p>Quantity Variation : +/- 30 %</p>
25.	<p>SPECIAL TERMS:</p> <ul style="list-style-type: none"> • "MSE suppliers can avail the intended 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 if 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 supplier submits these documents". • Final acceptance of bidder's offer is subjected to BHEL/Customer approval of bidder for respective customer. In case of PGCIL customer, vendor to get approved from PGCIL their own. This will be done prior to Price Bid opening / RA and the Vendors will be intimated regarding their qualification for the Projects along with intimation for Price Bid opening / RA. <p>To obtain approval bidder has to submit complete credentials along with offer.</p>
26.	<p>PRE QUALIFYING CRITERIA FOR OPEN TENDER FOR MS ROD :</p> <p>Bidder must meet following requirements</p> <ol style="list-style-type: none"> 1. Bidder must be manufacturer of 40mm dia MS ROD. 2. Bidder must have produced at least 500MT of 40mm dia or higher MS Rod in a single financial year in any one of last 3 financial years. 3. Vendor should be POWERGRID approved and also should have approved MQP at the time of submission of offer. In case any other non approved vendor then vendor has to get registered their name with POWERGRID in compendium of vendors <p><u>Vendor to submit supporting documents to ensure above condition</u></p>

SEAL OF THE BIDDER

SIGN OF THE BIDDER



SCHEDULE OF COMMERCIAL DEVIATION

The following are the deviations/ variations exception from the General Terms and Conditions:

SL. NO.	CLAUSE NO. OF GENERAL TERMS AND CONDITION	STATEMENT OF DEVIATION

- In case, this schedule is not submitted, it will be presumed that the equipment/ material to be supplied under this contract is deemed to be in compliance with the General Terms and Conditions.
- If there is NIL deviation, even then the format to be filled as **NIL DEVIATION**.

Note: Continuation Sheets of like size and format may be used as per the Bidder's Requirement and shall be annexed to this scheduled.

Signature of the authorized representative of

Place: -

Bidder's name:.....

Date: -

Designation.....

Company Seal:.....



SCHEDULE OF TECHNICAL DEVIATION

The following are the deviations/ variations exception from the Specification:

SECTION	CLAUSE NO. / PAGE NO.	STATEMENT OF DEVIATION/ VARIATIONS/EXCEPTIONS

- In case, this schedule is not submitted, it will be presumed that the equipment/ material to be supplied under this contract is deemed to be in compliance with the General Terms and Conditions.

- If there is NIL deviation, even then the format to be filled as **NIL DEVIATION**.

Note: Continuation Sheets of like size and format may be used as per the Bidder's Requirement and shall be annexed to this scheduled.

Signature of the authorized representative of

Place: -

Bidder's Name:

Date: -

Designation:

Company Seal:

ACTIVITY SCHEDULE

Sl. NO.	ACTIVITY	ACTIVITY TIME IN WEEKS	CUMULATIVE TIME IN WEEKS FROM LOI/ PO DATE	REMARKS IF ANY
1	Submission of Documents necessary for getting manufacturing clearance like Drawings, Data sheet etc.	N.A.	N.A.	Not in Bidders Scope.
2	Approval of documents from BHEL/ Customer*	N.A.	N.A.	Not in Bidders Scope.
3.	Manufacturing time			
4.	Inspection call			
5.	Customer Inspection & Despatch Clearance	N.A.	N.A.	Not in Bidders Scope.
6.	Transportation to Destination.	N.A.	N.A.	Not in Bidders Scope.
7	Erection Testing & Commissioning (ETC)	N.A.	N.A.	Not in Bidders Scope.

- Note: 1) * Supplier must ensure the completeness and correctness of the requisite documents before submission for approval. Delay in approval on account of incomplete/inadequate information shall be the responsibility of supplier.
- 2) Inspection call should be given in the prescribed format only. Inspection calls not in the prescribed format shall not be entertained.
- 3) Qty. to be offered for Inspection should be in accordance within Delivery- schedule - lot BHEL reserves the right not to entertain multiple inspection calls for a Delivery- lot and delay on this account shall be the responsibility of Supplier.
- 4) Delivery required by Jun, 2015 for the Project. However vendors to quote their best delivery plan in activity schedule.

Signature of Supplier
Date

BHARAT HEAVY ELECTRICALS LTD.
TRANSMISSION BUSINESS GROUP - MATERIAL MANAGEMENT
Un Priced Bid/Priced Bid

PROJECT : PGCIL BIHARSHARIF, JAMSHEDPUR,GAZUWAKA,RENGALI RAURKELA DURGAPUR GORUKH PUR
ITEM : 40 MM DIA M.S.ROD
ENQUIRY NO : 275P088 Dated : 19-06-15

SL. NO.	DESCRIPTION OF ITEM	SITE	UNIT	QUANTITY	Unit Ex-works	Total Ex-Works 6 [= 5 * 4]	Excise Duty [in % as well as amount]	CST/VAT [in % as well as amount]	TOTAL AMOUNT (Rs.) A = (6 + 9 + 10)
1	2		3	4	5	6	9	10	11
1	MS ROD 40 MM DIAMETER - AS PER ATTACHED STANDARD TECHNICAL SPECIFICATION TB-235-509-039, REV. 02.	BIHARSHARIF	MT	11					
		JAMSHEDPUR	MT	7					
		GAZUWAKA	MT	91					
		RENGALI	MT	77					
		RAURKELA	MT	0.6					
		DURGAPUR	MT	27					
		GORUKH PUR	MT	4					
LOADING AS PER BHEL TRANSPORTATION RATE CONTRACT RATES AS DETAILED IN NIT CLAUSE 2. C.									B [Not to be Quoted.]
TOTAL COST TO BHEL (Landed Cost of Material at Site) INCLUDING LOADING FOR TRANSPORTATION RATES									= A + B

NOTE: 1. PLEASE NOTE THAT UNPRICED COPY OF PRICE BID (i.e. WITH ALL PRICES BLANKED) SHALL BE FURNISHED ALONG WITH TECHNO-COMMERCIAL BID.
2. REQUIRED COPIES OF FORMAT BE MADE & DETAILS MAY BE ANNEXED.
3. THE PRICES MUST BE QUOTED IN THE PRESCRIBED UNIT ONLY.
4. SALES TAX RATE AS APPLICABLE FOR SPECIFIED DESTINATION SHALL BE QUOTED. IN CASE OF CST, RATE AGAINST "C" FORM SHALL BE QUOTED.
5. IN CASE OF VARIED ED SLAB RATES, CONFIRM YOUR OPTION FOR "X" OR "Y". (STRIKE OFF WHICH IS NOT APPLICABLE) IF NO OPTION IS MENTIONED "X" SHALL BE TAKEN.

6. THE VENDORS MUST INDICATE THE APPLICABLE TARIFF NOS. UNDER WHICH ED AND / OR CST WOULD BE PAID BY THEM TO THE TAX AUTHORITIES.
7. IF A VENDOR SUBMITS AN OFFER WITH REDUCED ED AND OR CST APPLICABLE THAN NORMALLY PAID ON SUCH ITEMS, THEY SHOULD SUBMIT NECESSARY DOCUMENTARY PROOF FOR THE SAME.
"X" THE MAXIMUM ED SLAB RATE BE CONSIDERED FOR PRICE COMPARISON. IN THE EVENT OF ORDER ED AT ACTUAL BE PAID.
"Y" THE QUOTED ED RATE BE CONSIDERED FOR PRICE COMPARISON. IN THE EVENT OF ORDER ED AT ACTUAL RATE LIMITED TO QUOTED RATE BE PAID.

Annexure A to GTC (BHEL/TBG/GTC) for Foreign Vendor
Enquiry No. 275E088 Dated 19-Jun-15 Due on 17-July-15 Page 1 of 2

Mentioned clauses of General Terms and Conditions are to be read as follows:

Clause 1:

2. Bid submission time: up to 02:00 PM of the due date of opening
3. Bid opening time: 02:30 PM on the same day.

B.1. Not Applicable

B.2. Not Applicable

Clause 3: TERMS OF PAYMENT

- 90 % against original invoice, original bill of lading, packing list, MICC (dispatch clearance given by BHEL), guarantee certificate, marine insurance certificate, certificate of origin by irrevocable LC (with Usance period of 60 days) which will be opened after placement of order and receipt of Bank Guarantee for 10 % of Purchase order value.

All Bank Charges to supplier's account. Bank Guarantee shall be from a schedule bank in India acceptable to BHEL.

10 % direct payment against material receipt at site against Material receipt certificate/confirmation by BHEL site.

For Evaluation purpose exchange rate (TT selling rate of SBI) as on scheduled date of tender opening (Part –I) shall be considered.

OR

Foreign vendor may also opt for payment terms as per clause No 3 of Standard terms and conditions for Indian vendors with following documents:

Invoice

MICC issued by BHEL

Guarantee Certificate

Certificate of Origin

AWB/Bill of Lading

Material receipt confirmation from site (To be arranged by BHEL)

Clause 15: DEVIATION

The bids having deviation(s) w.r.t tender are liable for rejection. However, BHEL, at its discretion, may load the prices for evaluation of offer with prior intimation to bidder.

Annexure A to GTC (BHEL/TBG/GTC) for Foreign Vendor Enquiry No. 275E088, Dated 19-Jun-15 Due on 17-July-15.

Clause 16: ARBITRATION

The arbitration shall be under 'The Arbitration and Conciliation act 1996'.

Note:

- **Deviations must be mentioned in deviation schedule(s) and deviation mentioned, if any, elsewhere shall not be considered.**
 - **Price bid to be opened only after vendor approval from customer/BHEL.**
 - **All remaining terms which are not mentioned here shall remain unchanged.**
-

1- Price Break up should consist of the following breakup :-

- a- FOB port of Loading.
- b- Marine Freight from load port to discharge port i.e. any Indian port.
- c- Marine Insurance from load port to discharge port i.e. any Indian port.
- d- However in case of insurance by foreign vendor, beneficiary shall be BHEL only

Marine Freight and Insurance to be quoted separately.

BHEL may arrange Marine Shipment or exercise option for shipment by vendor at quoted F&I rates.

Freight & Insurance from discharge port to site – BHEL's scope. Rates will be based on BHEL's applicable rate contract for arriving at landed cost to BHEL as per clause 2 C of General terms and conditions.

SCHEDULE OF PRICE (For Foreign vendors only) (Part II)

Unpriced price bid to be kept with Techno-commercial offer. **Price bid should be kept in separate sealed cover.**

ECT : PGCIL BIHARSHARIF, JAMSHEDPUR,GAZUWAKA,RENGALI RAURKELA DURGAPUR GORUKH PUR

: 40 MM DIA M.S.ROD

IIRY NO : 275P088

Dated : 19-06-15

A	B	C	D	E	F	G	H	I	J	K	L
Name of item	Project Name	Tariff No.	Qty (MT)	Unit-CIF {Indian Sea port}}	Total -CIF {Indian Sea port}).	Break up of CIF(Indian 'Any' Sea port) rates					
						Unit -FOB (Load port).	Total -FOB (Load port).	Unit-Sea Freight (upto indian Discharge port)	Total-Sea Freight (upto indian Discharge port)	Unit-Insurance(upto indian Discharge port)	Total-Insurance(upto indian Discharge port)
MS ROD 40 MM DIAMETER - AS PER ATTACHED STANDARD TECHNICAL SPECIFICATION TB-235-509-039, REV. 02.	BIHARSHARIF		11								
	JAMSHEDPUR		7								
	GAZUWAKA		91								
	RENGALI		77								
	RAURKELA		0.6								
	DURGAPUR		27								
	GORUKH PUR		4								
	Total										

NOTE-

Discharge Port:- Indian Sea Port (Any Indian port)

CIF (indian port) should be equal to "FOB(load port) + Sea Freight (upto indian Sea port) +Insurance(upto Indian Sea port)"

Load port to be mentioned by bidder .

No of package with Dimensions and type of cargo(/Break Bulk/LCL/FCL) and no. of container (with type of container) required-Is also to be mentioned by bidder.

Vendor has to mention tarrif no. against each item for custom duty purpose.

Bidder has to mention quoted (in each cell) in unpriced price bid

BHARAT HEAVY ELECTRICALS LIMITED

TRANSMISSION PROJECTS ENGINEERING MANAGEMENT

DOCUMENT No.	TS-235-509-039 TS-235-509-039	REV	02	Prepared	Checked	Approved	
TYPE OF DOC.	EQUIPMENT SPECIFICATION			NAME	Manoj Kumar	Satish Nayar	
TITLE	STANDARD SPECIFICATION FOR M.S.ROD			SIGN	Sd/-	Sd/-	
CUSTOMER				DATE	14.07.04	15.07.04	15.07.04
PROJECT				GROUP	TBEM	W.O. No	
LOA No.							

CONFIDENTIAL & CONFIDENTIAL

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This must not be used directly or indirectly in anyway detrimental to the interest of the Company.

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Sheets

Check list for information to be submitted with offer

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SECTION 4

Guaranteed technical particulars

CHECK LIST

STANDARD QUALITY PLAN

02	26.11.12	<i>On</i>			Standard Quality plan included
01	31.10.12	Sd/-	Sd/-	<i>Manoj</i>	ASTM A576 has been included and cut length requirement revised.
Rev No.	Date	Altered	Checked	Approved	REVISION DETAILS
Distribution		To			
		Copies			

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Doc No : TB 235 509 039
Rev No : 02

SECTION - 1

SCOPE SPECIFIC TECHNICAL REQUIREMENTS AND QUANTITIES

1.0 SCOPE

This technical specification covers the design, manufacture, testing at works and despatch (As applicable) of M.S. ROD, required for the under ground earthing system.

- 1.1** The M.S. Rod shall be of length 6 m to 12 m.
- 1.2** The rod shall comply with the technical requirements brought out in Section-2 of the specification.
- 1.3** The enclosed standard quality plan has to be followed.

It may be noted that no deviations from specification shall be acceptable and length of MS Rod must be in the range as specified above.

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SECTION - 2

EQUIPMENT SPECIFICATION

2.1 GENERAL

This section covers the general technical requirements of MS Rod. In case of any discrepancies between the requirements mentioned in this section and those specified in other sections of this specification, the latter shall prevail and shall be treated as binding requirement.

2.2 APPLICABLE STANDARDS

The conductor to be supplied shall conform to the following Indian Standards :

Specification for Rolling : IS: 1852:1985
And cutting tolerance for
Hot Rolled Steel Products

Steel for General Structural : IS: 2062-2011
Purposes

Round & Square Bars for : IS: 1732-1989
General Engg. Purposes

Standard Specification for
Steel bars, carbon hot wrought
Special Quality : ASTM A576-90b

Note: Latest revisions of all the mentioned standards have to be followed.

2.3 TECHNICAL REQUIREMENTS

2.3.1 The material to be supplied shall comply with the requirements specified for Grade-A designation Fe410WA of IS 2062-2011 or grade SAE1018 as per ASTM A576-90b.

The material shall be in sound condition of recent manufacture. The finished product shall be adeptly and cleanly rolled to the dimension and sections specified. The finished material shall be free from defects, loose mill scale, slag, fillings, rust etc. The rod shall be manufactured by hot rolled process.

2.4 TESTS

The material shall be subject to all the routine tests as per IS: 2062-2011/ASTM A576-90b. Enclosed Quality plan shall be followed for witnessing/conducting of tests.

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SECTION 3

PROJECT DETAILS AND GENERAL SPECIFICATION

As applicable for various projects

Bharat Heavy Electricals Limited
POWERGRID's Substation Package for Extension of
I) 400kV Biharshariff S/s, II) 400kV Jamshedpur S/s, III) 400 kV Gazuwaka S/s, IV) 400 kV Rengali S/s, V) 400 kV Rourkela S/s, VI) 400 kV Durgapur S/s & VII) 400 kV Gorakhpur S/s
Extension package under ERSS-IX
Technical Specification

SECTION-3

PROJECT DETAILS & GENERAL SPECIFICATION

SITE INFORMATION

Particular		Details
a)	Customer	Power Grid Corporation of India Limited
b)	Project Title	Extension of I) 400kV Biharshariff S/s, II) 400kV Jamshedpur S/s, III) 400 kV Gazuwaka S/s, IV) 400 kV Rengali S/s, V) 400 kV Rourkela S/s, VI) 400 kV Durgapur S/s & VII) 400 kV Gorakhpur S/s Extension package under ERSS-IX
c)	Location	Biharshariff (Bihar) Jamshedpur (Jharkhand) Gazuwaka (Andhra Pradesh) Rengali/ Rourkela (Orissa) Durgapur (West Bengal) Gorakhpur (Uttar Pradesh)
d)	Transport Facilities	Nearest Rail Head Biharshariff (Biharshariff), Jamshedpur (Jamshedpur), Gazuwaka (Vizag), Rengali (Talcher Road), Rourkela (Rourkela), Durgapur (Durgapur) & Gorakhpur (Gorakhpur)
SITE CONDITIONS		
a)	Altitude above sea level	Less than 1000m
b)	Ambient air temp. (Max)	50°C
c)	Average Humidity	Shall be informed during detailed engg.
d)	Special corrosion conditions	-do-
e)	Solar Radiation	-do-
f)	Atmospheric UV radiation	-do-
g)	Seismic Acceleration	0.3g horizontal
h)	Pollution Severity	High Pollution level (25mm/kV)
WIND DATA		
a)	Wind velocity	Gazuwaka - 50m/s; All others - 47 m/s
b)	Average No. of thunderstorm days per annum	As per IS

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SECTION 4

GUARANTEED TECHNICAL PARTICULARS

1. Nominal Diameter : ;
2. Material grade : ;
3. Finish : ;
4. Tolerance : ;