



BHARAT HEAVY ELECTRICALS LIMITED
HEEP HARIDWAR INDIA-PIN 249403
FAX NO: 0091 1334 226462
PHONE NO: 0091 1334 281561

Enq. No.: T/6410/2015/1700D/2

Date of issue : 22/08/2015

M/S.....

Sub: BHEL-HEEP/OPEN-TENDER (COMPONENT)/2013

Dear Sir,

The Heavy Electricals Equipment Plant (HEEP) located in Haridwar, India is one of the major manufacturing plants of Bharat Heavy Electricals Ltd. The core business of HEEP includes design and manufacture of large steam and gas turbines, turbo generators and so on.

Sealed tenders with the Tender No. and opening date clearly super scribed on the cover are invited from the manufacturers (registered as well as unregistered) for the supply of the following items:-

Sl. No.	Tender No.	Description of Item	Qty.	Opening Date
1	T/6410/2015/1700D/2	HW7799911255 BORING AND FACING HEAD IR100, METRIC 140 FOR SKODA HORIZONTAL BORER AS PER ENCLOSED SPECIFICATION.	1 no.	05/09/2015

The details with required delivery are given in **Annexure-1**.

The tender documents can be downloaded from our web site www.bhel.com or www.bhelhwr.co.in, after downloading the tender documents from web site, while submitting the tender as detailed in "Instruction to Bidders", intending vendors must remit **tender fee of Rs. 2,000.00** against each tender along with the requisite EMD in the form of Cash (as permissible under Income Tax Act) / Pay Order / Demand draft. **EMD shall be Rs. 40,000/- in this tender. EMD in the form of Cheque / Bank Guarantee are not acceptable. If EMD and/or tender fees are not submitted then the offer may be out rightly rejected.** As per notification reference no. NSIC/HO/GP/15(4)/2013-14 dated 07.07.2013 Micro & Small Enterprises (MSEs) is not required to submit EMD or tender fees. A certificate issued from competent authority shall be submitted in support of Micro & Small Enterprises (MSEs). EMD is not to be submitted by BHEL PMD TT003 vendors. BHEL will not be responsible for any type of postal delay / incomplete information from vendor.

Central / State – PSUs / Government departments are exempted from submission of EMD subject to approval by BHEL management.

The date for opening of tender shall be 05.09.2015. Tenders will be received up to 1.45 P.M. on 05.09.2015 and opened on the same day at 2.00 P.M. in the Tender Room. **Please note that tender received after due date & time (1.45PM on 05.09.2015) will not be REPEAT will not be opened.** BHEL will not be responsible for any type of postal / courier delay.

Specifications & Drawing of the above items are available on our above mentioned website with links provided for all Specifications, Drawings & Annexure (At the end of this document). Other cross referred documents can either be physically collected from BHEL, Haridwar or can be obtained by email amittiple@bhelhwr.co.in or abhijeet@bhelhwr.co.in against proof of draft of the tender fee in favor of BHEL, Haridwar. This draft is to be submitted along with offer. Amendments/Corrigendum, if any, will be hosted on our web site only. Other terms and conditions will be as per tender documents.

The total quantity may undergo change at the time of ordering.

Any vendor who is under hold (for the item)/ delisted/ banned with BHEL on the date of opening of Part – 1 should not quote for this tender. In case their offer is received, it shall be out rightly rejected.

Please submit your Techno-Commercial offer only for the above requirement subject to our terms and conditions.

BIDS shall be opened at 2 PM on the due date in the presence of authorized representative of the bidders who may like to be present. The authorized representative should bring authority letter from their parent company (Manufacturer) for the specific tender no. attending the bid opening.

BHEL will forfeit the EMD if, the successful bidder / vendor refuses to honor 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.

KINDLY READ “INSTRUCTIONS TO BIDDERS.” QUOTATION NOT IN ACCORDANCE WITH THE INSTRUCTIONS ARE LIABLE TO BE DISQUALIFIED AND IGNORED.

INSTRUCTIONS TO BIDDERS FOR OPEN TENDER

1.0 DEFINITION

Registered Vendors - Are those who are registered with BHEL, Haridwar for Megawatt rating/ Size/ Weight of tendered components in respective steel grade or machining of such components.

Un-registered Vendors - Are those who are not registered with BHEL, Haridwar for Megawatt rating/ Size/ Weight of tendered components in respective steel grade or machining of such components.

2.0 TECHNICAL QUALIFICATION

- Enclosed format – Annexure-2 to be submitted. It is the mandatory requirement. **Offer of Vendors not meeting these requirements may not be considered.**

3.0 ESSENTIAL INSTRUCTIONS

1. All un-registered vendors shall be approved by BHEL, if found suitable, on the basis of data furnished by them in Supplier Registration Form (SRF) Foreign Vendors or Indigenous Vendors. Vendor (s) shall not be considered for ordering if not approved by BHEL.
2. BHEL team may visit the vendor (s) works for verification of capability and capacity claimed in tender documents/offer (s).
3. The tenders shall be submitted in two parts as described below on or before the due date through hard-copy in Tender-room. Vendor Registration Form shall be submitted by unregistered vendors only.

i. Part I (Envelop I) – A. EMD & / or Tender Fee

or

Valid certificate towards exemption of EMD & tender fee, applicable for Micro and small Enterprises, as mentioned below:

MSE Suppliers can avail the intended benefits only if they submit along with the offer, attested copies of either EM II certificate having deemed validity (five years from the date of issue of acknowledgement in EM II) or valid NSIC certificate or EM II certificate along with attested copy of a CA certificate (format enclosed where deemed validity of EM II certificate of five years has expired) applicable for the relevant financial year (latest audited). Date to be reckoned for determining the deemed validity will be the date of bid opening (Part I in case of two part bid). Non submission of such documents will lead to disqualification of their offer. Documents should be notarized or attested by a Gazetted Officer.

B. Pre-Qualifying Requirement (PQR) – refer Annexure – 2.

C. Vendor Registration Form (SRF documents to be placed separately in part-I and not to be mixed with other documents).

D. Techno -Commercial Bid + Replica of Price bid (without prices).

ii. Part II (Envelop II) - Price Bid

4. The Quotation should be from the Principal / Original Manufacturer, failing which the quotation is likely to be ignored. However, if OEM / Principal insist on engaging the services of an agent, such agent shall not be allowed to represent more than one manufacturer / supplier in the same tender. Moreover, either the agent could bid on behalf of the manufacturer / supplier or the manufacturer / supplier could bid directly but not both. In case bids are received from both, the manufacturer / supplier and the agent, bid received from the agent shall be ignored. In Case the quotation is submitted through agent, the quotation must accompany original authorization letter from the Principal / Original Manufacturer.
5. The bidders will have to submit ink-signed offer / bid in original directly to BHEL. **Unsigned bids shall be ignored.**
6. 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 or for specific price bid opening on that particular day. General authorization letter is not acceptable

7. Any corrections / amendments shall be properly & fully authenticated with signature. No overwriting is acceptable.
8. Compliance of technical/ commercial terms and conditions as per Annexure-3
9. Part-I will be opened on the date and time specified in the tender notice in the presence of those vendors who wish to attend.
10. Part – II (Price Bids) along with supplementary price bids, if necessary, will be opened at a later date of only those bidders who successfully qualify the PQR requirements and have submitted tender fees & /or EMD or valid certificate towards exemption of EMD & tender fee, applicable for Micro and small Enterprises & whose techno-commercial bid has been found acceptable.
11. Vendor to quote best possible deliveries in the offer. Offers of those vendors may not be considered if it is not found suitable to BHEL requirement.
12. Currency exchange rate will be applicable on the date of opening of Part-I for evaluation purpose.
13. Depending upon the delivery suitability, BHEL reserves the right to split order on more than one vendor.
14. Evaluation of Bid: - The bid shall be evaluated
 - a. Cost to BHEL basis. (Basic Cost + Insurance + Transportation + Duty)
 - b. The loading, if any, on account of LD penalty, payment terms or any other cost determined at later stage, which shall be communicated to the vendor.
15. Tenders when finalized shall be in the name of the bidder only and change of name during tender evaluation (without certificate from registrar of company) and after submission of the tender is liable to make the offer ineligible for participation.
16. All test certificates / Guarantee certificates to be submitted in TRIPLICATE along with dispatch documents.
17. BHEL reserves the right to open the price bid (part-II) along with the opening of techno-commercial offer at its option and in that case vendor will be informed accordingly.
18. BHEL reserves the right to go for reverse auction. Vendors are requested to give their best price. In case of failure of reverse auction the paper bid shall be processed. Bidder should clearly indicate their acceptance for reverse auctioning in Annexure-3. The bids of those vendors who do not agree for reverse auction may not be considered. The Terms & Condition for Reverse Auctioning are given below.
19. Total weight -- /Gross / Net in Kg. & also package size essentially should be indicated if not exact then approximate.
20. BHEL will evaluate the technical bids against essential criteria/requirements. BHEL may seek clarifications, if required, from the qualified bidders only. These clarifications will be communicated to the eligible vendors. The offers of those bidders, who are unable to respond in specified time frame, are likely to be ignored.
21. SETTLEMENT OF DISPUTES
 - Indigenous Vendors: In all cases of dispute the matter shall be referred for arbitration to any arbitrator to be appointed by the Executive Director or any officer who is the administrative head of Bharat Heavy Electricals Ltd., at Haridwar. The venue of arbitration shall invariably be Ranipur Haridwar. The award of the arbitrator shall be final and binding on both the parties. The arbitrator shall have the power to extend, from time to time, the time for making his award with the consent of the parties.
 - Foreign Vendors: In the event of any dispute or difference arising between the parties to this contract regarding execution of same or their respective rights and liabilities there under, the same shall except as otherwise expressly provided therein, be referred to the arbitration of the two arbitrators, one to be appointed by each party; or in the case of the said arbitrators not agreeing then an umpire to be appointed by the two arbitrators in writing before entering on that reference and provisions of the Indian Arbitration Act ,1940 or any statutory notification, or re-enactment therefore and rules framed there under from time to time shall apply to such arbitration . If the two arbitrators do not agree on the appointment of umpire, the nomination of the umpire shall be done by the International Chamber of Commerce, Paris(France).The decision of arbitrators, or in case of their not agreeing, that of the said umpire shall be binding both on seller and purchaser. The venue of the arbitration invariably be New Delhi.
22. JURISDICTION

All question, dispute or differences arising under, out of or in connection with the purchase order shall be subject to the exclusive jurisdiction of Haridwar courts.
23. OVER RIDING CLAUSE

All stipulations made in any correspondence other than those exchanged in regards to “instruction” in our tender documents / enquiry for submission of your offer, if at all shall be void to the extent they are repugnant to the conditions contained herein above and in the purchase order.
24. FINALITY OF MANAGEMENT DECISION

At all places in the preceding clauses BHEL Management’s decision shall be final.

4.0 GENERAL INSTRUCTIONS

PART-I (EMD & or tender fees (or exemption certificate), PQR, Technical clarification & SRF in envelope - I) shall comprise of following documents:

- a. Annexure-2 for Pre-qualification requirement. Point wise reply to all the points mentioned in Pre-Qualifying Requirement specified in the tender. Relevant documents as requested in Pre-Qualifying Requirement must be attached.
- b. **Vendor Registration Form (SRF)**
(Kindly follow the link and follow instructions: <http://supplier.bhel.in/>)
The SRF duly filled up will be assessed for manufacturing capability quality systems being followed, organizational soundness and financial worthiness. The same shall be submitted with Part-I by un-registered vendor only with BHEL, HEEP, Haridwar or the proof of submission through online portal. BHEL registered vendors (registered with permanent code M, N, S) need not to submit SRF.
For vendors registered with T code, SRF is to be submitted essentially along with the offer.
- c. Non-disclosure agreement as per Annexure 6. The agreement shall be duly stamped & signed.
- d. Complete technical offer.
- e. Annexure-3 for compliance of technical/ commercial terms and conditions.
- f. Complete technical offer as per specification, drawings, technical requirement along with un-priced bid indicating FOB, C&F rate, separate Lloyd's/BV/TUV inspection charges (for Foreign vendors) and delivery schedule.
- g. Validity of offer to be indicated.
- h. Deviation with reference to specification/drawing, if any, should be clearly indicated on a separate sheet.
- i. Copy of price Bid (without prices).
- j. Any additional documents.

PART –II (Price Bid)

- a. Price bid with prices to be submitted as part-II of the tender.
- b. If price bid is not submitted along with Part-I bid, the offer will be rejected outrightly.
- c. In case of foreign vendors, prices to be quoted on FOB basis separately. In case of FOB, Loading port must be mentioned. However, for air shipment the rates to be quoted on CPT destination port basis. And air freight charges to be indicated separately in price bid. Further non-availability of flight will not be accepted for rescheduling the delivery or waiver of penalties on account of delayed delivery.
- d. In case of Indigenous vendor, prices must be quoted on FOR-Destination-CPS-HEEP-BHEL basis. However, the insurance will be arranged by BHEL. 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. Further, non-availability of BHEL approved transporter will not be accepted for rescheduling of delivery or waiver of penalties.
- e. In case of foreign vendors, third party (Lloyd's/BV/TUV) inspection charges to be quoted separately as third party inspection (Lloyd's/BV/TUV) is in vendor's scope. For Indian vendors, inspection shall be by TUV/ BHEL nominated inspection agency. Prices shall be loaded by 0.18% on account of TUV/ BHEL nominated inspection agency inspection charges. Third Party inspection shall be in BHEL scope.
- f. Prices should remain firm till the execution of the order. However, in case vendor prefers to maintain their own PVC formula, they can do so. Vendors must give upper & lower cap. However, lower cap has to be either equal or more in percentage point than the upper cap from base prices. This is **must** for evaluation purpose. **Upper price limit** will be considered for evaluation purpose.
- g. Insurance during transportation shall be taken care of by BHEL.
- h. Applicable sales Tax, Excise duty, service tax, educational cess and any other statutory levy should be indicated separately and clearly in the quotation.
- i. **Prices are to be written in both Figures & Words. In case of any difference between the two, If there is a discrepancy between words and figures, the amount in words shall prevail for evaluation and establishing L1 status.**
- j. **LD Penalty shall be applicable at the rate of ½% (half percent) per week or part thereof subject to a maximum of 10% of the value of delayed portion of the order. In case of any variation in LD penalty acceptance, your prices shall be loaded to the extent LD penalty not accepted by you. If**

- k. Payment term shall be “100% payment against dispatch documents, through irrevocable LC (for foreign vendors) with bank charges as either side’ and 100% after receipt and acceptance of material (for indigenous vendors)”. **BHEL as a rule do not agree to release advance payment.**
- l. Irrevocable LC is opened for one quarter (3 months) & is established 30 days prior to delivery schedule. The charges of establishing the LC are on either side i.e. charges in India to be borne by BHEL and charges outside of India to be borne by vendor. If any vendor insists for LC for more than one quarter, vendor has to essentially bear all charges (Within & Outside India) for the period exceeding one quarter.
- m. **BHEL does not open confirmed LC even if vendor agrees to bear the confirmation charges.**
- n. **The comparison between foreign and indigenous bids shall be done based on the Total Landed cost at Destination basis.**
- o. **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).**

Note:

After tender opening (Part-I), if it is found that:

- The bidder has not submitted the requisite Tender Fee and EMD (If applicable)
- The bidder has claimed to be an MSE vendor but no supporting documents have been submitted in this regard.

In both the above cases the offer of the bidder may be **straightaway rejected** and no correspondence from the bidder in this regard shall be entertained.

However, offer of the bidder shall be treated as per the guideline in case the bidder has claimed to be an MSE vendor and submitted requisite MSE documents.

BHEL reserves the rights to place order for tendered quantity on more than one vendor

As per directives of CENTRAL VIGILANCE COMMISSION, GOVERNMENT OF INDIA, One Agent can not 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/P.O.s to such suppliers. Further such Indian Agents are likely to be de-listed (Black listed for business from BHEL).

Superscription on envelopes:

The following shall be super scribed on the envelopes:

PART-I

1. TENDER NO. AND ITEMS DESCRIPTION
2. DUE DATE FOR OPENING.
3. TENDER FEE, EMD (IF APPLICABLE) OR MSE CERTIFICATE TOWARDS EXEMPTION OF EMD & TENDER FEE
4. PRE- QUALIFYING REQUIREMENT (PQR)
5. SUPPLIER REGISTRATION FORM (SRF)
6. TECHNO-COMMERCIAL BID

PART-II

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

The part-I & part-II 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 OF THIS OFFER.” Vendor’s full name and address should be clearly mentioned on the envelope and shall be addressed to:

To,

Head of Materials Management,
Heavy Electrical Equipment Plant,
BHEL,
Hardwar- 249403

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

IN CASE YOU ARE NOT MAKING AN OFFER AGAINST THIS ENQUIRY, THEN PLEASE ARRANGE TO SEND A LETTER OF REGRET IF YOU HAVE COLLECTED THE TENDER DOCUMENTS FROM BHEL.

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.

- For the proposed reverse auction, technically and commercially acceptable bidders only shall be eligible to participate.
- 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.
- BHEL will inform the vendor in writing in case of reverse auction, the details of Service Provider to enable them to contact & get trained.
- Business rules like event date, time, start price, bid decrement, extensions etc. also will be communicated through service provider for compliance.
- 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.
- BHEL will provide the calculation sheet (e.g., EXCEL sheet) which will help to arrive at "Total Cost to BHEL" like Packing & forwarding charges, Taxes and Duties, Freight charges, Insurance, Service Tax for Services and loading factors (for non-compliance to BHEL standard Commercial terms & conditions) for each of the vendor to enable them to fill-in the price and keep it ready for keying in during the Auction.
- Reverse auction will be conducted on scheduled date & time.
- At the end of Reverse Auction event, the lowest bidder value will be known on the network.
- 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.
- 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.
- 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.

Annexure- 1

Sl. No.	Tender No.	Description of Item	Delivery required	Qty.
1	T/6410/2015/1700D/2	HW7799911255 BORING AND FACING HEAD IR100, METRIC 140 FOR SKODA HORIZONTAL BORER AS PER ENCLOSED SPECIFICATION.	24/10/15	1 no.

- **Delivery dates are tentative, however, vendor should quote best delivery.**

Annexure- 2

Special Instructions:

- A. E&C OF THE SUPPLIED HEAD MUST BE CARRIED OUT BY THE VENDOR ON OUR M/C AT BHEL HARIDWAR AND ITS SATISFACTORY OPERATION TO BE DEMONSTRATED.
- B. COMMISSIONING MUST BE DONE BY VENDOR WITHIN THREE MONTHS AFTER FIRST INTIMATION BY BHEL TO VENDOR.
- C. VENDOR TO GIVE POINTWISE REPLY TO THE ENCLOSED SPECIFICATION.
- D. VENDOR TO QUOTE ERECTION & COMMISSIONING CHARGES SEPARATELY.
- E. GUARANTEE CERTIFICATE REQUIRED.
- F. TEST CERTIFICATE REQUIRED.
- G. OPERATION AND MAINTENANCE MANUAL REQUIRED.
- H. RECOMMENDED SPARE REQUIRED.
- I. ERECTION & COMMISSIONING REQUIRED AT SITE
- J. IN CASE OF INDIGENOUS VENDORS (IN CASE OF PURCHASE ORDER, IF ANY): INVOICES AGAINST GOODS AND SERVICES HAVE TO BE SUBMITTED IMMEDIATELY AFTER SUPPLY OF GOODS AND SERVICES BUT NOT LATER THAN 30 DAYS FROM THE INVOICE DATE. IN CASE OF ANY DELAY, CONSEQUENTIAL LOSSES LIKE LOSS OF INPUT CREDIT AND NON-AVAILABILITY OF CONCESSIONAL FORMS ETC., SHALL BE TO THE VENDOR'S ACCOUNT.

Annexure- 2

SIGN & DATE	BHEL	TECHNICAL PURCHASE SPECIFICATIONS <u>"Boring and Facing Head IR100, Metric 140 "</u>	STT- 0041																																		
			PAGE 01 OF 02																																		
SIGN & DATE	<p>1. PURPOSE: The supplied Boring and facing head to be supplied should be in ready to operate condition on Skoda Horizontal Borer, W 250 H-NR Ob22075, year 1980 at our works.</p> <p>The IR 100 Boring & facing Head shall be applied for machining of faces and cylindrical holes with different recesses, both from front and rear side of workpiece. It should also be suitable for recessing and machining slots inside holes.</p> <p>2. BROAD SPECIFICATIONS:</p> <table style="width:100%; border: none;"> <tr> <td style="width:60%;">A. Maximum diameter of machining</td> <td style="width:40%;">1200 mm</td> </tr> <tr> <td>B. Minimum diameter of machining</td> <td>0 mm</td> </tr> <tr> <td>C. Through diameter of Head</td> <td>1020 mm</td> </tr> <tr> <td>D. Maximum stroke of slide</td> <td>420 mm</td> </tr> <tr> <td>E. 6 Cross feed rates:</td> <td></td> </tr> <tr> <td style="padding-left: 20px;">at $Z_1 : Z_2 = 92:36$</td> <td>0.08mm/rev</td> </tr> <tr> <td style="padding-left: 40px;">81: 47</td> <td>0.12mm/rev</td> </tr> <tr> <td style="padding-left: 40px;">71:57</td> <td>0.16 mm/rev</td> </tr> <tr> <td style="padding-left: 40px;">57:71</td> <td>0.25mm/rev</td> </tr> <tr> <td style="padding-left: 40px;">47:81</td> <td>0.36mm/rev</td> </tr> <tr> <td style="padding-left: 40px;">36:92</td> <td>0.50mm/rev</td> </tr> </table> <table style="width:100%; border: none; margin-top: 10px;"> <tr> <td style="width:60%;">Maximum tool section</td> <td style="width:40%;">20X20 mm</td> </tr> <tr> <td>Max. admissible torque</td> <td>2500 Nm</td> </tr> <tr> <td>Max. admissible force</td> <td>4500 N</td> </tr> <tr> <td>Taper Shank - metric</td> <td>M140</td> </tr> <tr> <td>Weight of the Head (in Kg)</td> <td>Supplier to indicate</td> </tr> </table> <p>3. ACCESSORIES :- Each head to be supplied with following standard accessories :</p> <ul style="list-style-type: none"> • 1 Tool holder for 20X20 mm section tools • 1 Cylindrical boring bar 50mm in dia. • 1 Control device for internal machining. <p>4. Equipment should be suitably painted to prevent rusting and corrosion.</p> <p>5. The equipment should be packed rigidly to avoid any transit damage.</p>			A. Maximum diameter of machining	1200 mm	B. Minimum diameter of machining	0 mm	C. Through diameter of Head	1020 mm	D. Maximum stroke of slide	420 mm	E. 6 Cross feed rates:		at $Z_1 : Z_2 = 92:36$	0.08mm/rev	81: 47	0.12mm/rev	71:57	0.16 mm/rev	57:71	0.25mm/rev	47:81	0.36mm/rev	36:92	0.50mm/rev	Maximum tool section	20X20 mm	Max. admissible torque	2500 Nm	Max. admissible force	4500 N	Taper Shank - metric	M140	Weight of the Head (in Kg)	Supplier to indicate		
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Annexure- 2


SIGN & DATE	BHEL	TECHNICAL PURCHASE SPECIFICATIONS	STT- 0041			
			PAGE 02 OF 02			
SUPERSEDES INVENTORY NO.	6. Other requirements:-					
COPYRIGHT AND CONFIDENTIAL The information on this document is the property of Bharat Heavy Electricals Limited. It must not be used directly or indirectly in any way detrimental to the interest of the company.	6.1 Supplier to indicate recommended spares (with item-wise prices) (if Any) for 2 years trouble free working after the guarantee period.					
	6.2 Guarantee of the supplied head should not be less than 12 months from the date of commissioning/proving of the supplied head.					
6.3 Commissioning which includes functional testing and verification of specification parameters of the Head to be done by the supplier or by their representative at our works.						
6.4 Test certificate to be supplied by the supplier at the time of dispatch of the material.						
6.5 Operational and maintenance manual (3 copies) to be supplied by the supplier at the time of dispatch. It should contain sectional assembly drawing with its bill of material.						
SIGN & DATE						
INVENTORY NO.						
AGREED BY:			WORKED BY	SURINDER KUMAR	TTX	
ARBIND KUMAR	TUM	<i>Arbind</i> <i>02/07/15</i>	CHECKED BY	SWAPAN SARKAR	TTX	
			APPROVED BY	M.K. TOLIA	TTX	
					<i>Surinder</i> <i>21/07/15</i> <i>SS</i> <i>27/7/15</i> <i>Mukul</i>	


Annexure- 2


QUALIFYING CONDITIONS FOR BORING & FACING HEAD- IR-100 (METRIC-140)

Indent no. - 20151700 dtd. 2.07.15

Requirment		Vendor Remarks / Confirmation
a.	The supplier should be a Original Equipment manufacturer or authorized distributor of Boring & facing Heads.	Vendor to confirm & provide related documents.
b.	Only those vendors, who have supplied and commissioned at least one Boring & facing Heads of similar type and such head is presently working satisfactorily. The following information is to be submitted by the vendor about the company where similar head has been supplied. <u>This is required from all the vendors for qualification of their offer.</u>	Vendor to confirm.
b.1	Name of the customer / company where similar head is supplied & commissioned.	Vendor to inform.
b.2	Complete postal address of the customer.	Vendor to inform.
b.3	Details of Head Supplied & commissioned.	Vendor to inform.
b.4	Month & Year of commissioning.	Vendor to inform.
b.5	Name and designation of the contact person of the customer.	Vendor to inform.
b.6	Phone number and email address of the contact person of the customer.	Vendor to inform.
c	BHEL reserves the right to verify the information provided by vendor. For this, vendor may be asked to provide copy of different documents (e.g. Copy of P.O., Commissioning report etc.). Vendor may also be required to arrange visit to their customers works, to verify their supplied item. In case, the information provided by vendor is found to be false /incorrect, the offer shall be rejected.	Vendor to confirm.

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 15/07/15
 (Suninder Kumar)
 E2, TTX


 15/7/15
 (S. SARAVANAN)
 TTX


 Anand (TTX) 15/7/15

ANNEXURE- 3

COMPLIANCE SHEET FOR TECHNICAL/COMMERCIAL TERMS AND CONDITIONS FOR THREE PART TENDER

PLEASE FILL THIS ANNEXURE & ATTACH WITH YOUR TECHNO-COMMERCIAL BID.

You are requested to kindly confirm /clarify the following:-

S.No.	Description	Your Confirmation
1.	Vendor to confirm that they meet each & every clause of our Specifications/Drawings.	
2.	If “No” to serial number 1, vendor to specify each deviated clause & submit in a separate sheet.	
3.	Vendor to list out on a separate sheet any activity which is outsourced. Please furnish details of out sourced vendor.	
4.	Validity: confirm that validity of the offer shall be 90 days from the date of tender opening	
5.	Confirm that un-priced part of price bid is enclosed with technical commercial offer	
6.	Confirm that prices have been quoted on FOB / FCA basis only (For Foreign vendors)	
7.	Confirm that Loading Port has been mentioned.	
8.	Confirm that prices have been quoted on FOR BHEL Haridwar basis. (For Indigenous vendor)	
9.	Confirm that prices shall be firm and fixed throughout delivery period.	
10.	Confirm that payment term shall be “80% against receipt at BHEL Haridwar and 20% after successful completion of commissioning/prove out.	
11.	<p>Late delivery penalty Clause: 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’.</p> <p>A. For delay in supply: The rate of penalty for delayed Supply shall be @ 0.5% per week of delay (in supply) of total PO value (Supply + E&C) subject to a maximum of 10% of total PO value.</p> <p>B. For delay in E&C: The rate of penalty for delayed E&C shall be @ 0.5% per week of delay (in E&C) of total E&C value subject to a maximum of 10% of total E&C value.</p> <p>Maximum penalty for delay in Supply and E&C together shall be limited to 15% of total PO value.</p> <p>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.</p>	
12.	Confirm that all test certificates / Guarantee certificates to be submitted as per BHEL specification. in TRIPLICATE along with dispatch documents	
13.	Right of acceptance – BHEL reserves the right to reject any or all quotations without assigning any reasons thereof. BHEL also reserves the right to increase or decrease the tendered quantities. Vendors should be prepared to accept order for reduced quantities without any extra charges. Vendor should also be prepared for giving discount in case of increase in quantity.	
14.	Confirm specifically that material shall be supplied as per tender documents.	
15.	No grace period in delivery is acceptable. Please quote delivery accordingly.	
16.	Ink signed order acceptance shall be furnished within 15 days of order placement.	
17.	Confirm if there is Indian agency commission included in your price.	
18.	Inspection by third party (Lloyds/BV/TUV) inspection agency as per approved quality plan. Please quote material cost and third party	

ANNEXURE- 3

	(Lloyds/BV/TUV) inspection charges separately & third party inspection shall be in vendor scope (For Foreign vendors)	
19.	Inspection by BHEL nominated agency as per approved quality plan. Prices shall be loaded by 0.18% on account of third party inspection charges. Third party inspection shall be in BHEL scope (For indigenous vendors)	
20.	Please confirm your acceptance for Reverse Auctioning of these items.	