

BHARAT HEAVY ELECTRICALS LTD.
CENTRAL FOUNDRY FORGE PLANT
RANIPUR, HARDWAR
MAINTENANCE & SERVICES DEPARTMENT
MAINTENANCE-MACHINE SHOP

FF/19/MRM/RM/WC/HBM200/NIT/01

Dt. 10/09/2019

TENDER NOTICE – OPEN TENDER

Two part Tenders in Sealed Envelopes are invited from technically and financially capable parties, having experience in work similar to- and interested in- the under mentioned works. The tender documents are available at website www.bhel.com / www.bhelhwr.co.in in Tender Notification Section which can be downloaded. Tender cost, as mentioned in the Tender Documents is to be deposited along with the tender itself. The tender should reach the Tender Room, CFFP, BHEL, Hardwar on or before **04/10/2019** at **1:45PM**, which will be opened on the same day in the Tender Room, CFFP, BHEL, Hardwar at **2:00 PM** in presence of the bidders who wish to be present.

Bidders are advised to inspect the site/machines before quoting their rates. Bidders are also advised to go through the Special Instructions attached to this notice. (Placed at attachment-A)

BHEL reserves the right to reject any or all of the tenders without assigning any reason thereto.

Tender No. & Date	Description of Work	Earnest Money	Total Time of completion	Tender Cost (Rs.)
FF/19/MRM/RM/WC/HBM200/NIT/01 Dt. 10/09/2019	Minor reconditioning & trouble shooting of rotary table vibration problem & seeking expertise for detail stepwise Preventive Maintenance of machine HBM-200 supplied by M/s Wuhan, China in Machine Shop	Rs.4,800/-	4 Weeks	200/-

(Abhishek Kumar Garg)
Sr. Engineer/M&S
CFFP, BHEL
Ranipur, Haridwar-249403
(Uttarakhand)
Contact No. 01334-284507
E-mail ID: sagar11@bhel.in

Copy To. :Sr.DGM (works) : for deputing finance representative for tender opening.

SPECIAL INSTRUCTIONS

1. Kindly read this set of Special Instructions carefully before filling up the tender form.
2. **Pre-Qualification Requirements placed at Annexure-A must be fulfilled by the vendor to participate in the tender and submitted along with Techno-Commercial Bid.**
3. Kindly read carefully Annexure- B & C which form the “Scope of Work” & “Special Terms & Conditions” respectively.
4. The bidders are to submit the tender form along with all Annexures as well as this set of Special Instructions (Attachment-A); all pages duly signed.
5. The tender is to be submitted in two parts, viz.: i) Techno Commercial Bid and ii) Price Bid. Documents related with Pre-Qualification Requirements i.e. Annexure-A must be submitted along with Techno-Commercial Bid.
6. Both the Techno Commercial Bid and Price Bid are to be sealed separately in separate envelopes super-scribed with **“Techno Commercial Bid for Tender no. : “FF/19/MRM/RM/WC/HBM200/NIT/01” and “Price Bid for Tender no. : “FF/19/MRM/RM/WC/HBM200/NIT/01”** respectively and then placed in a common envelope super-scribed with **“Tender for Tender No.: ““FF/19/MRM/RM/WC/ HBM200/NIT/01””**. The Techno Commercial Bid must also contain an un-priced copy of Price Bid.
7. Vendors have to submit clause wise confirmation of Annexure A, B & C.
8. Only the Techno Commercial bid will be opened on the day of tender opening. The Priced Bid will be opened only if Techno Commercial Bid(s) are found Technically Suitable & Acceptable. Date of opening of Price Bid will be intimated to all technically suitable and acceptable bidders at a suitable time.
9. **It is strongly recommended to all potential bidders to visit the site and the machine under consideration. Any presumption by the bidders in this regard will not be entertained after opening of the tender.**
10. No accommodation facilities will be provided by BHEL to any of the staff of the contractors
11. Apart from the “Special Terms & Conditions”, placed at Annexure-C, the contractor will have to comply with other Terms & Conditions including “General Terms & Conditions” & “Safety Norms” as stipulated in BHEL’s Works Policy as modified from time to time and Government rules.
12. Once Price Bids are opened and accepted by BHEL, the same cannot be withdrawn by the bidder for whatsoever reasons. In case a bidder withdraws his/her/their tender, suitable action may be taken by BHEL as deemed fit. This may include black listing of bidder or legal action.
13. If there is a difference found in the figures & words of the offered price. The price given in the words will be considered.

(Issuing Officer)

**BHARAT HEAVY ELECTRICALS LTD.
CENTRAL FOUNDRY FORGE PLANT
RANIPUR, HARDWAR**

MAINTENANCE-MACHINE SHOP

TENDER FORM FOR “MINOR RECONDITIONING & TROUBLE SHOOTING OF ROTARY
TABLE VIBRATION PROBLEM & SEEKING EXPERTISE FOR DETAIL STEPWISE PREVENTIVE
MAINTENANCE OF MACHINE HBM-200 SUPPLIED BY M/S WUHAN, CHINA IN MACHINE
SHOP

(PRICE BID)

PRICED/UNPRICED

(PRICED PRICE BID TO BE SEALED IN SEPARATE ENVELOP)

Name & Address of Bidder	:	
Tender Notice No.	:	FF/19/MRM/RM/WC/HBM200/NIT/01, Dt. 10/09/19
Last Date & Time for receipt of Tender	:	13:45 hrs on 04/10/2019
Date & Time for opening of Tenders	:	14:00 hrs on 04/10/2019
Place for opening of Tenders	:	Tender Room, CFFP, BHEL, Hardwar
Nature of Contract	:	Minor reconditioning & trouble shooting of rotary table
Period of Contract	:	vibration problem & seeking expertise for detail stepwise Preventive Maintenance of machine HBM-200 supplied by M/s Wuhan, China in Machine Shop, 4 Weeks

Description of Work

Work	Period of Contract	Cost excluding Duties & Taxes (To be quoted by the Contractor)	
	Weeks	Figure	Words
Minor reconditioning & trouble shooting of rotary table vibration problem & seeking expertise for detail stepwise Preventive Maintenance of machine HBM-200 supplied by M/s Wuhan, China in Machine Shop			

Enclosures:

1. Annexure-A (HBM-200) : Pre-Qualification Requirements
2. Annexure-B (HBM-200) : Scope of work
3. Annexure-C (HBM-200) : Special Terms & Conditions

Signature of Issuing Officer

Signature of Bidder/Tenderer

Declaration by Bidder

I/We hereby confirm that I/we have carefully read and understood “Pre-Qualification Requirement”, “Scope of work” and “Special Terms & Conditions”, placed at Annexure A(HBM-200), Annexure B(HBM-200) & Annexure C(HBM-200) respectively and have complied/will comply with the same.

Signature of Bidder/Tenderer

(Accounts Officer)

(Opening Officer)

(Issuing Officer)

PRE-QUALIFYING CRITERIA

This section details minimum requirement on part of the bidder for the work of minor reconditioning & trouble shooting of rotary table V-axis vibration problem & seeking expertise for detail stepwise Preventive Maintenance of machine HBM-200 supplied by M/s Wuhan, China in Machine Shop. In general, the bidder must satisfy following criteria:

1. Bidder must submit proof of having carried out successfully work of similar nature during last 7 years ending last date of the month previous to the one in which NIT for this work is issued. Similar work means “Reconditioning of CNC Horizontal Boring Machine” OR “Preventive Maintenance of CNC Horizontal Boring Machine”
2. **As a proof, completion/commissioning/performance certificate(s) from the original client(s) must be submitted. Any work supporting or facilitating to above work will not be considered.**
3. **Compliance to Govt. Rules:** The bidder must have proper registration for PF, ESI, Income Tax, Service Tax etc. as per Govt. Rule. The bidder shall also have to comply with the Government as well as BHEL rules and regulations. Bidder has to fill & submit the enclosed Performa.
4. Documents supporting the aforementioned qualifying criteria **MUST** be submitted by the bidders along with the Techno-Commercial Bid. **If it is found at any time that the particulars submitted by the contractor are false, suitable action will be taken. This may lead to cancellation of contract/registration from all the BHEL units & forfeiting of Earnest Money Deposit (EMD) /Security Deposit (SD).**
5. Bidder must submit Earnest Money Deposit (EMD) along with Techno-Commercial offer. In case the EMD is not submitted with techno-commercial offer or less than that specified in NIT, tender will be rejected without any prior notice and any amount deposited will be forfeited. However, MSMED Act 2006 certificate will be considered along with a certificate by Chartered Accountant on Letter head with following matter:

PRE-QUALIFYING CRITERIA

Certificate by Chartered Accountant on letter head

This is to Certify that M/S.....
(Hereinafter referred to as 'company') having its registered office at
.....is registered under MSMED Act 2006, (Entrepreneur
Memorandum No (Part-11 dated:
Category: (Micro/Small) (Copy enclosed).

Further verified from the 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 Scale Industries vide its
notification No.S.O.I722(E) dated October 5, 2006 : Rs.Lacs

2. For Service Enterprises: Investment in equipment (original cost excluding land and building and
furniture, fittings and other items not directly related to the service rendered or as may be notified
under the MSMED Act, 2006:
RsLacs

The above investment of RsLacs is within permissible limit of RS.
.....Lacs forMicro/Small (Strike off which is not
applicable) Category under MSMED Act 2006.

Date:

(Signature)

Name –

Membership number –

Seal of Chartered Accountant

6. Following checklist to be filled by the bidder.

Sr. Engineer (M&S)

PRE-QUALIFYING CRITERIA

Sl. No.	Required Data	To be filled by the bidder	Remarks of Bidder for supporting documents (Enclosed/Not Enclosed)
1.	PF Registration No		
2.	GST No.		
3.	PAN No.		
4.	ESI Registration No		
5.	Documents as per clause 1		
6.	Documents as per clause 2		
7.	Value & Year of Similar Contract/s Work Order as per clause 1		
8.	Earnest Money (DD No.)		
9.	Certificate from CA (in case of MSMED)		

SCOPE OF WORK

Preventive Maintenance & trouble shoot of Rotary table vibration problem of HBM-200 China Machine supplied by M/s Wuhan, China

The scope of work will consist of Preventive maintenance of the Machine & Trouble shoot of rotary table vibration problem.

The scope of work also include following:

1. Resolving vibration problem of V-axis movement of Rotary Table.
2. Check the functioning of Chip Conveyor & Coolant system & repair if required.
3. Check hydraulic oil level & top up if required.
4. Check Chiller Unit oil level & top up if required.
5. Check working of Chiller, Hydraulic Unit & repair if required.
6. Check the tightness of belts in "X", "Y" & "Z" axis Motors.
7. Clean the spindle face & Taper
8. Check the functioning of all axis / spindle with dry run & repair if required.
9. Remove X, Y, Z, W, V, B axis telescopic cover and check & Clean ball screw & L M Guide ways & repair if required.
10. Clean and lubricate the telescopic Cover (For X & Y axis) & repair if required.
11. Clean Pneumatic, Coolant, Chiller, & Hydraulic filters & repair if required.
12. Check all sensor, Proximity Switch & Limits & repair if required.
13. Check cabinet AC & all electrical items in electrical cabinet & repair if required.
14. Check all door Limit switches.
15. Change coolant if smelly.
16. Check tightness of hydraulic hose fittings & Chiller hose pipe.
17. Check Incoming Voltage & Outgoing Supply.
18. Clean the machine.
19. Check Gear box & repair if required.
20. Check all electrical and electronics connection:
21. Check any type of leakage & repair if required.
22. Check all lubrication cartridge
23. Cleaning of Linear encoders (of all axis) & check & repair the cleaning mechanism for linear encoders.
24. Preparation of recommended spare list for the machine (with source availability).

Note:

- 1. All spares required to set right the machine will be provided by BHEL.**
- 2. Manual help (Unskilled man power) will be provided by BHEL**
- 3. Vendor have to arrange special tools & tackles required for preventive maintenance, general tooling will be provided by BHEL.**
- 4. Any work not covered in the scope of work but later found necessary for the preventive maintenance of the machine shall be executed by vender without any additional charges.**

SPECIAL TERMS & CONDITIONS

This section details Special Terms & Conditions under which the contract is to be executed. These Terms & Conditions are in addition to the General, Safety and Other Terms & Conditions of BHEL, applicable to the Works Contracts, as per BHEL Works Policy 2016. The Special Terms and Conditions applicable are as below:

A. For acceptance of the tender submitted by BHEL:

- a. All the bidders are recommended to visit the plant (CFFP) for a first hand appraisal of the machine. Any presumption regarding the condition of the machine, by the bidder, shall not be entertained at a later stage.
- b. It is necessary for all the bidders to submit their bids in two parts viz. i. Techno-Commercial bid and, ii. Price Bid.
- c. Bidders have to specify the time period required for work of minor reconditioning & trouble shooting of rotary table V-axis vibration problem & detail stepwise Preventive Maintenance of machine HBM-200, from the date of handing over the machine to them. The upper limit to this period will be 9 days.

B. Earnest money deposit (EMD):

- a. Vendors have to submit EMD as mentioned in tender notice. EMD may be deposited only in following forms:
 - i. Cash deposit as permissible under Income tax Act (before Tender opening)
 - ii. Electronic Fund Transfer credited in to SBI BANK A/C NO – 10667995469, IFSC: SBIN0000586, A/C Name CFFP/BHEL, RANIPUR, HARIDWAR with proper remarks containing purpose & name of depositor (before Tender opening)
 - iii. Banker's Cheque/ Pay order/ Demand Draft, in favour of Account officer, CFFP, BHEL, Haridwar payable at Haridwar (along with offer).
- b. EMD shall be converted to security deposit if the work is awarded.
- c. EMD of unsuccessful vendors shall be refunded back normally within fifteen days of acceptance of award of work by the successful vendor.
- d. EMD shall not carry any interest.
- e. **EMD by vendor will be forfeited as per tender document, if**
 - i. After opening the tender and within the offer validity period, the tenderer revokes his tender or makes any modification in his tender which is not acceptable to BHEL.
 - ii. The contractor fails to deposit the required Security Deposit or commence the work within the period as per LOI/contract.

SPECIAL TERMS & CONDITIONS

- f. **Offers without EMD will be rejected and will not be considered for evaluation. However any valid document in line with BHEL Work policy 2016 may be considered.**

C. At the award of contract:

- a. The successful bidder will have to submit a security deposit as per BHEL Works Policy, within 15 days of award of work. The total amount of Security Deposit will be 5% of the contract value.
- b. At least 50% of Security Deposit, including EMD must have to be submitted before start of the work. Balance 50% will be deducted from the first payment.
- c. Security Deposit is to be made in the form of Cash (as permissible under the extant Income Tax act) or Local Cheques of Scheduled Banks (subjected to realization)/ Pay order/ Demand Draft/ Electronic Fund Transfer in favour of CFFP, BHEL, Haridwar, payable at Haridwar or Bank Guarantee/ Fixed Deposit Receipt issued by Scheduled Bank/ Public Financial Institution as defined in the company act. Bank Guarantee format should have the approval of BHEL and FDR should be in the name of the contractor, A/C BHEL, duly discharged on the back or in the form of Securities available from Indian Post Offices such as National Saving Certificates, Kisan Vikas Patras etc. (held in the name of Contractor furnishing the security & duly endorsed/ hypothecated/ pledged, as applicable, in favour of BHEL).
- d. EMD of the successful tenderer can be converted and adjusted against the security deposit.
- e. If vendor fails to submit the Security Deposit with in specified time frame the Work Order may be treated as cancelled.
- f. The security deposit shall not carry any interest.
- g. The exact time of handing over the machine to the successful bidder (contractor) by BHEL for the purpose of work, will be intimated to the contractor along with the work order or at a later stage after confirmation from the contractor regarding readiness.

D. For the purpose of execution of work at BHEL:

- a. All the bidders have to ensure that all their workmen, proposed to be engaged for the work within BHEL Premises are covered under PF & ESI for the duration for which work is to be carried out or the Vendor must have to submit a notarized affidavit to the effect that by virtue of no of employees being less (less than 20 for PF & less than 10 for ESI) exemption from PF and/or ESI is applicable. In such a case, the vendor will not be allowed to deploy employees, in number, more than the numbers as applicable at any point of time during the execution of the work in BHEL Premises and Vendor will also ascertain the same in the same affidavit. **While execution of the work all the labor laws will be followed by the vendor.**

SPECIAL TERMS & CONDITIONS

- b. BHEL, for the works being carried out within BHEL factory premises, will provide only following facilities to the contractor, free of cost:
 - i. EOT Crane along with crane operator, as per requirement and availability,
 - ii. Electricity & Water
 - iii. Welding Machine, Maximum one no., subject to availability,Welders and all consumables will have to be arranged by the contractor at their own cost.
- c. All the dismantling work of machine will be carried out by the contractor in presence of the executive in charge of Maintenance-Machine Shop or other BHEL representative, deputed by Head of Department, Maintenance & Services Department.
- d. While working within BHEL factory area, the contractor will use their own tools, tackles and safety equipment except EOT Crane and Welding Machine.
- e. Contract shall be governed by the BHEL works policy, fraud prevention policy and the same shall be made available to the vendor in case of requirement expressed by the vendor. The Bidder along with its associate/collaborators/sub-contractors/sub-vendors/consultants/service providers shall strictly adhere to BHEL Fraud Prevention Policy displayed on BHEL website and shall immediately bring to the notice of BHEL Management about any fraud or suspected fraud as soon as it comes to their notice.

E. Payment Terms:

- a. 100% payment will be paid within 30 days of completion of work & acceptance of machine by BHEL and submission of Performance Bank (PBG) Guarantee of 10% of contract value. If vendor fails to provide the PBG for the required value, the payment will be made deducting the PBG amount.
- b. All the payments shall be made through e-payment after submission of following documents along with bill.
 - i. E-payment form duly filled (Form will be provided by BHEL)
 - ii. GST undertaking form duly filled (Form will be provided by BHEL)
 - iii. In case there is a change in the tax structure in future, the same shall be complied with retrospectively.
- c. No advance payment will be made by BHEL.

SPECIAL TERMS & CONDITIONS

F. Penalty Clause:

- a. A delay in handing over the machine to BHEL, by the contractor, beyond scheduled date as specified in the Work Order or otherwise shall attract a penalty of 0.5% per week or part of that, subject to a maximum of 10% of contract value. Penalty will be calculated based on total time period taken by the contractor for the subject work. The total period of execution will be calculated from issue of work order to handing over the machine to BHEL less any time taken by BHEL for handing over the machine to contractor for the work.

G. Guarantee/Warranty:

- a. The contractor will provide a guarantee/warranty of minimum 12 months from date of completion of work for the work carried out by contractor as per scope of work, Annexure-B.
- b. If breakdown of the machine is not responded within 48 hrs during the guarantee/warranty period, the guarantee/warranty period will stand extended for double the corresponding period.
- c. Breakdowns not attended during the guarantee/warranty period will lead forfeiting of PBG.

H. Acceptance of Machine as commissioned:

- a. The machine will be verified through joint inspection by BHEL & Contractor for the acceptance of the machine.
- b. The machine, after minor reconditioning will be put to production activities for a period of one week during which the machine must be able to operate uninterruptedly. During this period, the contractor will ensure that any snag in the machine is rectified immediately.
- c. The contractor will have to submit a bank guarantee of 10% of total contract value for a period equal to guarantee/warranty period from the date of final acceptance of the machine as performance guarantee for the reconditioned machine.

I. Risk Purchase:

- a. In case of delays in supplies / defective supplies or non-fulfillment of any other terms & conditions given in the work order the purchaser may cancel the work order in full or part thereof and may also make the purchase of the material / service from elsewhere / alternative source at the risk and cost of supplier.
If vendor does not agree to above clause, their offer is liable to be rejected. In case any vendor accepts risk purchase clause initially and subsequently declines to honor the term in the eventuality of RISK PURCHASE, they may be banned for business with BHEL.