

Ref: FF: 19: MFG: RC: MM: 06

Date: 27/07/2019

By Hand/By Courier/By Registered Post/Downloaded via internet

.....

NOTICE INVITING TENDER

Sealed tenders are invited from parties who are experienced in the under mentioned work. The tender documents are enclosed with the tender notice.

The tender should be duly filled with all the relevant documents attached. The tender should reach place specified below **on or before 10.08.2019 at 01:30 PM** which will be opened on the same day at **02:00 PM** in presence of the representatives who wish to be present at

Tender Room**Administrative Building****CFFP, BHEL, Haridwar – 249403**

The details of the NIT are as mentioned below and other documents enclosed along with this tender notice:

NIT No. & Date	Description of Work	Earnest Money	Time for completion	Estimated Cost	Tender cost
FF: 19: MFG: RC: MM: 06	Grinding work on crank-shaft of P3-80 Pump in HFS	Rs. 5120	03 months	Rs. 256000 (approx.)	nil

Note:

1. The work will be governed by BHEL WC Rules, latest Works Policy, Labour Law and Fraud Prevention Policy. The same will be made available to the vendors who wish to go through the documents.
2. The safety regulations applicable while working inside the factory premises are to be followed strictly.
3. Liquidated Damage (LD) will be imposed as per WC rules i.e. 0.5% per week to the maximum of 10% of total value of work if the work is delayed from the stipulated period for reasons attributable to the vendor.
4. If any paper/document submitted by vendor is found false, the tender/work order can be cancelled at any stage and appropriate action shall be taken against such party.
5. BHEL reserves the right to reject any or all the tenders without assigning any reason(s) thereof.
6. Tender cost and EMD has to be submitted in BHEL's account as per following details:

Signature of Issuing Officer

Signature of Bidder/Tenderer

Bank	STATE BANK OF INDIA, RANIPUR BRANCH, HARIDWAR
Beneficiary Name:	Bharat Heavy Electricals Ltd.
Bank Account No.	10667995469
Account Type.	CURRENT ACCOUNT
Bank's Branch Code	00586
Bank's IFSC Code	SBIN0000586
Bank MICR Code	249002005

Tender submitted without valid proof of submission of tender cost and EMD shall not be considered.

In case of any query regarding Tender, the vendor may contact on the details given below :

Udbhav Mukesh,
Dy.Manager,
Forge shop Maintenance,
CFFP, BHEL Haridwar
Mobile- +91-9917119896
Landline :- 01334 284165
Email: udbhav@bhel.in

Signature of Issuing Officer

Signature of Bidder/Tenderer

ATTACHMENT-A

SPECIAL INSTRUCTIONS

1. Kindly read this set of Special Instructions carefully before filling up the tender form.
2. **Pre-Qualification Requirements placed at Annexure B must be fulfilled by the vendor to participate in the tender and submitted along with Techno-Commercial Bid.**
3. 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.
4. 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-B must be submitted along with Techno-Commercial Bid.
5. 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: MFG: RC: MM: 06”** and **“Price Bid for Tender no. : “FF: 19: MFG: RC: MM: 06”** respectively and then placed in a common envelope super-scribed with **“Tender for Tender No.: “FF: 19: MFG: RC: MM: 06”**. The Techno Commercial Bid must also contain an un-priced copy of Price Bid.
6. 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.
7. 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.
8. 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)

Signature of Issuing Officer

Signature of Bidder/Tenderer

Tender sold to:

Tender No.: FF: 19: MFG: RC: MM: 06

Work: Grinding work on crank-shaft of P3-80 Pumps in HFS

Date of opening: 10/08/2019

Time of completion: 03 months

EMD: Rs. 5120

PRICE BID

S. No.	Work Code	Work	No. of Jobs	Rate	Amount
1		Grinding/ Machining of Crank Shaft	1		
Sub-Total					
				Taxes as applicable	
Total					

Note: In case of difference between quoted cost in numbers and words, the cost in words shall be considered for comparison.

Total Rs. (In words)

.....

Signature of Issuing Officer

Signature of Bidder/Tenderer

SCOPE OF WORK- Annexure A

Ref No.- FF: 19: MFG: RC: MM: 06

Date- 26/07/2019

Work: Grinding/ machining work on the Crank Shaft of P3-80 Pumps

Activity code- FF0320000149

Machine: One number of Crank-shaft of P3-80 Pumps to be grinded to uniform diameter. Vendor shall arrange transportation of crank-shaft from CFFP/BHEL Haridwar to vendor's works. Packaging and transportation cost from the BHEL to vendor's works and back shall be borne by vendor.

The drawing of the crank shaft is attached only for reference purpose.

Weight of one crank shaft is 380 kg.

Vendor's Responsibility:

1. Inspection of crank shaft at CFFP/BHEL Haridwar. The Vendor may carry out either In-situ or Ex-situ machining / grinding work on the crank-shaft as per their expertise. The vendor has to mention this at the time of submitting the technical bid, in Terms and conditions Annexure 1 attached with the TE.
2. To carry out Vibration Stress Relieving of the component to relieve all residual stresses
3. To carry out Non Destructive Testing including Magnetic Particle Test / DPT to detect surface cracks/flows at vulnerable area. NDT also includes measurement of Run out / misalignment and dimensions to know extent type and pattern of wear.
4. To carry out grinding of 3 crankpin to uniform size of 159.50 (-0.005mm to -0.01 mm) and match the fillet radius.
5. To carry out grinding of 4 bigger crankpins to uniform size of 249.50 (-0.005mm to -0.01 mm) and match the fillet radius.
6. The surface finish after grinding should be maintained less than Ra value of 0.4 micrometre.
7. To provide certificate of pre and/or post repair inspection for:
 - Run out / Concentricity
 - Dimensions
 - Vibration Stress Relieving
 - NDT Done.
 - Hardness test
8. Machining of crank pins to suitable size including polishing wherever necessary; tolerances and other parameters are to be maintained

Signature of Issuing Officer

Signature of Bidder/Tenderer

9. Guarantee:- The vendor shall guarantee to re-repair/ replace the component/material, as the case may be free of cost, if shown to have failure due to our faulty workmanship or material defect, to our satisfaction, within nine months from the date of dispatch or six months from the date of installation whichever is earlier. The guarantee is limited to re-repair the component and no other claim of any nature will be entertained.

9. Time Period- 03 month. Time Period of the work will start from the date of start of PO.

BHEL's Responsibility:

1. Providing gate pass for vendor personnel and tools & tackles
2. Providing gate pass for crank shaft on returnable basis

Signature of Issuing Officer

Signature of Bidder/Tenderer

Ref No.- FF: 19: MFG: RC: MM: 06

Date – 26/07/2019

Work: Grinding/ machining work on the Crank Shaft of P3-80 Pumps

Activity code- FF0320000149

Annexure B
PRE-QUALIFICATION CRITERIA

S. No.	Criteria	Requirement	Vendor's Response
1	Vendor must have experience of machining of crank shaft having crank pin dia at least 100 mm.	Vendor to submit copy of executed work orders and relevant drawings in the last seven years.	
2	Vendor must have produced surface grind finish of Ra value 0.8micrometer or less than 0.8 micrometer, on the crank-shaft having crank pin diameter at least 100mm or journal diameter at least 200 mm		

Signature of Issuing Officer

Signature of Bidder/Tenderer

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

Ref.: Ref: FF: 19: MFG: RC: MM: 06

Date: 26/07/2019

Work: Grinding work on the Crank Shaft of P3-80 Pumps

Activity code- FF0320000149

Annexure C

TERMS & CONDITIONS

S. No.	PARTICULARS	DESCRIPTION	PARTY CONFIRMATION (AGREED)
1	EMD	Rs. 5120 /-	
2	Type of Machining Work	In-situ or Ex-situ	
3	Validity of offer	2 months from the date of opening or 60 working days whichever is later	
4	GST	All taxes/duties and levies shall be quoted extra as applicable and vendor to confirm the applicable GST numbers	
5	Time Period	03 months Time Period of the work will start from the date of start of PO.	
6	Penalty	LD will be imposed as per WC rules i.e., 0.5% per week or maximum 10% of total value of work	
7	Income Tax	Will be deducted as per rules, from the party's bill	
8	Security Deposit (SD)	5% of the contract value to be deposited before start of the work or it will be deducted from the bill and will be refund back after 30 days from the date of completion of the work.	

Signature of Issuing Officer

Signature of Bidder/Tenderer

9	Final quoted value	The final bid will be evaluated on total landed cost including transportation cost, insurance cost and works inclusive. However, GST will be paid extra on actual basis on submission of GST deposit receipt.	
10	Payment Terms	<p>Payment shall be made for each received lot of components or in total after receipt and acceptance of material at CFFP works.</p> <p>Payment shall be made through E-transfer after completion of work and submission of bill, given that all the papers submitted by the vendor are in order</p>	
11	Compliance of applicable laws	BHEL terms and conditions of Works policy, labour law, safety rules, and fraud prevention policy will be applicable on this contract. The same will be made available to the vendors who wish to go through the documents.	
12	Experience	Vendor is required to submit WO/experience certificate of having completed work of similar nature earlier as per PQR	
13	Undertaking	The vendor is required to undertake that all terms and conditions in the tender are read and understood properly. Hence, all the T&C shall be abided by. For any lacuna/e in observing the rules and regulations as and when applicable, CFFP BHEL in anyway, should not be held responsible by any agency/authority.	
14	Guarantee	The vendor shall guarantee to re-repair/ replace the component/material, as the case may be free of cost, if shown to have failure due to our faulty workmanship or material defect, to our satisfaction, within 18 months from the date of dispatch or 12 months from the date of installation whichever is earlier. The guarantee is limited to	

Signature of Issuing Officer

Signature of Bidder/Tenderer

		re-repair the component and no other claim of any nature will be entertained.	
15	Bank Guarantee	The vendor shall submit the bank guarantee of Rs. 38000 for each Crank-shaft against the material before exiting the material from the CFFP, BHEL works to the Vendors works.	
16	Inspection	CFFP/BHEL reserves the right to pre-inspect the material at vendor's works/ warehouse/ premises before final dispatch and during intermediary processes. Original Inspection report indicating surface roughness value, hardness value and all critical dimensions is to be provided.	
17	Transportation cost	The cost of transportation to and fro will be borne by the vendor and is to be included in the bid.	
18	Transit Insurance	The cost of transit insurance during transportation to and fro will be borne by the vendor and is to be included in the bid.	
19	General Instruction.	All drawings and standards are propriety of BHEL; they must not be used in any way detrimental to the interest of the company. Lowest bidder (L1) will be decided on total cost.	

Signature of Issuing Officer

Signature of Bidder/Tenderer

BHARAT HEAVY ELECTRICALS LTD.
CENTRAL FOUNDARY FORGE PLANT
RANIPUR, HARDWAR
FORGE SHOP MAINTENANCE

Ref No.- FF: 19: MFG: RC: MM: 06

Date: 26/07/2019

Work: Grinding work on the Crank Shaft of P3-80 Pumps.

Activity code- FF0320000149

Annexure – D: General Terms & Conditions

Please read the instructions below carefully before filling the tender form. Tender form having any cuttings/overwriting/not having clarity/having ambiguity will be cancelled. Do not remove any page from this form and sign both sides of the pages:

1. No tender documents will be accepted without submission of earnest money.
2. The contractor must sign each page of tender documents. In relation to the company or firm, the tender must be signed by the person who has the power of attorney, and a copy of the same must be enclosed with the tender form.
3. All the tenders must necessarily be accompanied with the earnest money as detailed in the tender notice/tender form. Any tender submitted without the earnest money will be liable to be rejected.
4. Once tenders 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, the earnest money deposited will be forfeited.
5. EMD is to be submitted in the following forms only:
 - a. Cash deposit as permissible under the extant Income Tax Act (before tender opening)
 - b. Electronic Fund Transfer credited in BHEL account (before tender opening)
 - c. Banker's cheque/ Pay order/ Demand draft, in favour of BHEL (along with offer)
6. EMD may be waived off in line with statutory regulations if contractor provides necessary certificates/documents as per government notifications.
7. EMD of the tenderer will be forfeited as per tender documents, if:
 - a. 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.
 - b. The Contractor fails to deposit the required Security deposit or commence the work within the period as per LOI/ Contract.
8. All documents of tender form and earnest money along with the receipt, received after depositing the DD/Pay order (CFFP) to the cash section (if applicable), should be sent to Tender Room, Administrative Building, CFFP by hand/by registered post/by courier in a sealed envelope before opening of tender before the deadline.
9. Contract shall be governed by the 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

Signature of Issuing Officer

Signature of Bidder/Tenderer

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.

10. BHEL will have the right to cancel any or all tenders and to accept any tender whether it is minimum or maximum. Incomplete forms will be cancelled.
11. Presence of tenderers at the time of tender opening is recommended but not mandatory.
12. Bid should be free from correction, overwriting, using corrective fluid, etc. Any interlineation, cutting, erasure or overwriting shall be valid only if they are attested under full signature(s) of person(s) signing the bid else bid shall be liable for rejection.
13. After getting the contract, security money (SD) has to be deposited by the vendor before commencement of work. The total amount of Security Deposit will be 5% of the contract value. EMD of the successful tenderer shall be converted and adjusted towards the required amount of Security Deposit.
14. SD may be furnished in any of the following forms:
 - a. Cash (as permissible under the extant Income Tax Act)
 - b. Local cheques of Scheduled Banks (subject to realization)/ Pay Order/ Demand
 - c. Draft/ Electronic Fund Transfer in favour of BHEL
 - d. Bank Guarantee from Scheduled Banks/ Public Financial Institutions as defined in the Companies Act. The Bank Guarantee format should have the approval of BHEL
 - e. Fixed Deposit Receipt issued by Scheduled Banks/ Public Financial Institutions as defined in the Companies Act (FDR should be in the name of the Contractor, a/c BHEL)
 - f. Securities available from Indian Post offices such as National Savings Certificates, Kisan Vikas Patras etc. (held in the name of Contractor furnishing the security and duly endorsed/ hypothecated/ pledged, as applicable, in favour of BHEL)
 - g. (Note: BHEL will not be liable or responsible in any manner for the collection of interest or renewal of the documents or in any other matter connected therewith)

EMD of the successful tenderer can be converted and adjusted against the security deposit. The security deposit shall not carry any interest.

15. Security deposit shall not be refunded to the contractor except in accordance with the terms of the contract.
16. No overdue interest clause to be added. If added, BHEL is not liable to entertain the same.
17. Tenderer has to sign on agreement before taking the Work order.
18. It is notified to all tenderers that they shall not be submitting any fake documents along with the tender form. All the collected documents can be examined at any point of time and if documents are found fake/forged, then appropriate action will be taken to the extent of cancellation of registration and tender.

19. In case the contractor defaults in commencing the work within the time specified by BHEL in spite of a reasonable notice in writing or in case the contractor fails, to comply with any of the terms and conditions of the contract, in spite of 10 days' notice in writing or in case he/she neglects or refuses to execute the contract or any part thereof at any stage, the contract shall, without prejudice to any other rights or remedies available to BHEL be liable to cancelled/termination in part or as a whole. In the event of cancellation/termination. The contractor shall be liable to compensate BHEL for all loss incurred by BHEL including the loss

Signature of Issuing Officer

Signature of Bidder/Tenderer

suffered on account of having the work executed through any other contractor or department as may be convenient to BHEL in accordance with the exigencies of the work.

20. In the event of cancellation/termination, the contractor shall be liable to compensate BHEL for all losses incurred by BHEL including the loss suffered on account of having the work executed through any other contractor or department as may be convenient to BHEL in accordance with the exigencies of the work. In case only a part of the contract is cancelled, the remaining portion of contract may be allowed to be executed by the contractor. All disputes arising in connection with the contract shall be settled by mutual consultation if no agreement is reached the dispute shall be settled in accordance with the provisions of the Arbitration and conciliation Act, 1996 and the rules made there under. The dispute shall be referred for arbitration to any arbitrator to be appointed by the Head of the BHEL CFFP Unit. The award of the arbitrator shall be final and binding on both the Parties. The venue of the Arbitration shall be Haridwar (U.K.) in India. The questions, disputes, differences arising under, out of or in connection with this contract shall be to the exclusive jurisdiction of Haridwar Courts.

Signature of Issuing Officer

Signature of Bidder/Tenderer