

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

CFF/M&S/MS/2K16/LATHE10M/NIT/01

Dt. 02-01-2017

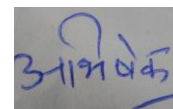
TENDER NOTICE – OPEN TENDER

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 Office, CFFP** on or before **23/01/2017** at **1:30PM**, which will be opened on the same day in the **Tender Office, CFFP** 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
CFF/M&S/MS/2K16/LATHE10M/NIT/01 Dt. 02/01/17	Shifting of 1 No. Heavy Duty Lathe Machine (Model: 1A665). (Make: Karmatorsk Heavy Machine Tool Works) from HERP plant, BHEL- Varanasi to CFFP, BHEL, Hardwar on as is where is basis	Rs.17,920/-	12 Weeks

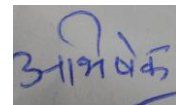


(Abhishek Kumar Garg)
Engineer./M&S
CFFP, BHEL
Ranipur, Haridwar-249403
(Uttarakhand)
Contact No. 01334-284507
E-mail ID: akgarg@bhelhwr.co.in

Copy To. :SDGM (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 C must be fulfilled by the vendor to participate in the tender and submitted along with Techno-Commercial Bid.**
3. Kindly read carefully Annexure-A, B, C, D, E and F which form the “Scope of Work”, “Special Terms & Conditions”, “Pre-Qualification Requirement”, “Verification Parameters”, “T&C for RA” & “Price Bid Format”
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-C 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. : CFF/M&S/MS/2K16/LATHE10M/NIT/01”** and **“Price Bid for Tender no. : CFF/M&S/MS/2K16/LATHE10M /NIT/01”** respectively and then placed in a common envelope super-scribed with **“Tender for Tender No.: CFF/M&S/MS/2K16/LATHE10M/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, D, E & F.
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-B, 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 & SERVICES DEPARTMENT
MAINTENANCE-MACHINE SHOP

TENDER FORM FOR “SHIFTING OF 1 NO. HEAVY DUTY LATHE MACHINE (MODEL: 1A665).
(MAKE: KARMATORSK HEAVY MACHINE TOOL WORKS) FROM HERP PLANT, BHEL-
VARANASI TO CFFP, BHEL, HARDWAR ON AS IS WHERE IS BASIS”

(PRICE BID)

PRICED/UNPRICED

(PRICED PRICE BID TO BE SEALED IN SEPARATE ENVELOP)

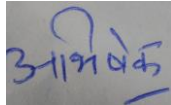
Name & Address of Bidder	:	
Tender Notice No.	:	CFF/M&S/MS/2K16/LATHE10M/NIT/01 Dt. 02/01/17
Last Date & Time for receipt of Tender	:	13:30 hrs on 23/01/2017
Date & Time for opening of Tenders	:	14:00 hrs on 23/01/2017
Place for opening of Tenders	:	Tender Room (CFFP)
Nature of Contract Period of Contract	:	Shifting of 1 No. Heavy Duty Lathe Machine (Model: 1A665). (Make: Karmatorsk Heavy Machine Tool Works) from HERP plant, BHEL- Varanasi to CFFP, BHEL, Hardwar on as is where is basis (12 Weeks includes Dismantling, packaging of machine components at HERP-Varanasi & Erection & commissioning of Machine at CFFP, Hardwar)

Description of Work

“Retrofitting of Electrical System of Lathe Machine SR2000A in Machine Shop” consisting of :	Period of Contract	Cost excluding Duties & Taxes (To be quoted by the Contractor) Decision of price competitiveness will be based on Combined Price of Items A and B along with loading as applicable.	
		Weeks	Figure
A. Dismantling & Packaging of components of Machine at HERP, Varanasi			
B. Erection & Commissioning of Machine at CFFP, Hardwar			
Total			

Enclosures:

- Annexure-A: Scope of Work
- Annexure-B: Special Terms & Conditions
- Annexure-C: Pre- Qualification Criteria
- Annexure-D: Verification Parameters
- Annexure-E : Terms & Conditions of Reverse Auction
- Annexure-F : Price Bid Format



Signature of Issuing Officer

Signature of Bidder/Tenderer

Declaration by Bidder

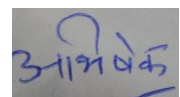
I/We hereby confirm that I/we have carefully read and understood “Special Instructions”, “Scope of Work”, “Special Terms & Conditions”, “Pre-Qualification Requirement”, “Verification Parameters”, “T&C for RA” and “Price Bid Format”, placed at Attachment-A to the Tender Notice and Annexure-A, B, C, D, E & F respectively and have complied/will comply with the same.

Signature of Bidder/Tenderer

(Accounts Officer)

(Opening Officer)

(Issuing Officer)



SCOPE OF WORK

For Shifting of 1 No. Heavy Duty Lathe Machine (Model: 1A665). (Make: Karmatorsk Heavy Machine Tool Works) from HERP plant, BHEL- Varanasi to CFFP, BHEL, Hardwar on as is where is basis.

A MACHINE:

- A.1 Type: **Heavy Duty Lathe Machine**
- A.2 Model: **1A665 (Russian) (Year of Manufacturing: 1965)**
- A.3 Make: **Karmatorsk Heavy Machine Tool Works**
- A.4 Maximum Diameter of the work piece admitted on the bed: **1600mm.**
- A.5 Maximum Diameter of work over the saddle: **1250mm**
- A.6 Distance between centres at the extreme position of the tailstock (spindle in): **8000mm**
- A.7 Maximum weight of work machined: **40,000 KG**
- A.8 Maximum Length of machining over the saddle: **8000mm**
- A.9 Weight of the Machine: **60,000KG (approx.)**
- A.10 Present Location: **HERP, BHEL, Varanasi**
- A.11 Relocation: **Machine Shop, CFFP, BHEL, Hardwar**

B REQUIREMENT:

- B.1 The machine is to be relocated from HERP, BHEL, Varanasi to CFFP, BHEL, Hardwar.
- B.2 The main scope of work will comprise of:
 - ❖ Dismantling of the machine at HERP, BHEL Varanasi (On as is, where is basis)
 - ❖ Packaging of the machine
 - ❖ Erection & Commissioning of the machine at CFFP, BHEL Hardwar (On as is, where is basis).

C OBSERVATIONS:

- C.1 Machine is generally in working state.
- C.2 Machine has 2 nos. of carriages out of which one carriage is in working condition & the second carriage's rapid motor, lubricant motor with pump & compound slide lead screw were found missing & not in working state
- C.3 The Machine has one no. of bush steady which was not in use & bush pads are missing.
- C.4 The machine has 75 KW DC motor operated through Siemens make 6RA7085 Simoreg DC Master Drive & PLC (S7-200). Electrical system is in working state.

D SCOPE OF WORK:

D.1 Dismantling work at HERP, BHEL, Varanasi:

- D.1.1 Joint inspection of the machine shall be carried out for overall assessment of the general working condition of the machine, its guards, attachments and other accessories. The joint inspection shall be done by the contractor **or his competent engineer with his team in presence** of BHEL team, prior to dismantling of the machine and MOM recorded for confirmation of "as is where is condition" of the machine.
- D.1.2 Marking of all mechanical, electrical & electronic parts/items, making of sketches of critical assembly before dismantling of the machine by the contractor.
- D.1.3 Dismantling of the main & sub-assemblies, head stock, tail stock, carriages (2 nos.), steady, limit switches, Electrical Panel(s), Operator Pendant(s) etc. of the machine with proper marking.
- D.1.4 All loose mechanical and electrical items shall be listed and packed properly.

SCOPE OF WORK

For Shifting of 1 No. Heavy Duty Lathe Machine (Model: 1A665). (Make: Karmatorsk Heavy Machine Tool Works) from HERP plant, BHEL- Varanasi to CFFP, BHEL, Hardwar on as is where is basis.

- D.1.5 The entire machine shall be packed and loaded on vehicle(s) for safe transportation from Varanasi to Hardwar
- D.1.6 The Transportation from Varanasi to Hardwar is in BHEL scope.
- D.1.7 Details of foundation with positions of foundation bolts, Detail sketch / drawing for rail erection shall be submitted in advance so that the new foundation/laying of rail is completed before the machine reaches Hardwar
- D.1.8 Listing of items along with their approximate size & weight and proper packing in boxes shall be done.
- D.1.9 Supervision & loading of dismantled machine onto the truck/trailer. Detailed shipping list of items should be submitted in advance.
- D.1.10 A separate list of damaged items (if any) during dismantling, shall also be submitted. The list should be countersigned by one BHEL Executive (from Hardwar or Varanasi).

D.2 Erection & Commissioning of machine at CFFP, BHEL, Hardwar:

- D.2.1 Unloading of the machine components from truck/trailer.
- D.2.2 Placement & levelling of the machine on its foundation.
- D.2.3 Assembly of Complete machine including accessories.
- D.2.4 Painting of machine (green colour).
- D.2.5 Writing of machine identification Number in Black Colour in yellow base colour background.
- D.2.6 Mounting of electrical panel(s)/Control desk etc.
- D.2.7 Laying of power cable from Main Switch of the machine to the power source.
- D.2.8 Cable reconnections of the machine, electrical panel(s), Operator Panel and accessories.
- D.2.9 Commissioning of machine and prove out of the functions (on as is where basis).
- D.2.10 Trial, No Load & On load testing of machine for 2-3 Jobs.
- D.2.11 Submission of original electrical drawings/catalogues/Drawings brought with the machine from BHEL Hardwar.

Notes:

- ❖ The bidder must visit BHEL Varanasi to check the present condition of machine and get familiarise **with the environment** & analyse the quantum of work before submitting their offer.
- ❖ The entire labour (Engineers, Supervisor, Technicians, Crane Operators, Riggers, Slings etc.) for the relocation work will have to be arranged by the Contractor.
- ❖ Lifting facility by crane & lifting tackles shall be provided by HERP, BHEL Varanasi and CFFP, BHEL, Hardwar.
- ❖ All foundation related work at the new location will be done by CFFP, BHEL Hardwar.
- ❖ Any Other work not covered above but essentially required for satisfactory performance of the machine as on where basis shall be done by the contractor.

SCOPE OF WORK

For Shifting of 1 No. Heavy Duty Lathe Machine (Model: 1A665). (Make: Karmatorsk Heavy Machine Tool Works) from HERP plant, BHEL- Varanasi to CFFP, BHEL, Hardwar on as is where is basis.

E COMPLETION:

E.1 Twelve (12) weeks maximum from the date of issue of Work Order. This includes dismantling work at HERP, BHEL Varanasi, **FINAL HAND-OVER** of the machine at CFFP, BHEL Hardwar (excluding Transportation time & time taken by CFFP, BHEL, Hardwar for foundation work). Upon receipt of the Work Order, the party must **plan out** the execution of the work and submit a detailed project schedule to BHEL Hardwar.

E.2 Upon erection and commissioning of the machine after relocation at CFFP, BHEL Hardwar, **successful job trials on BHEL components** shall constitute the **FINAL HAND-OVER** of the machine and completion of the job as on where is basis.

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. 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 HERP, BHEL, Varanasi for a first hand appraisal of the machines. 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. All the bidders have to specify the completion schedule of the work. Normally accepted period will be 12 Weeks (excluding Transportation time & time taken by CFFP, BHEL, Hardwar for foundation work) from the date of issue of work order. Any deviation will attract penalty as specified in Clause –F of this annexure.

B. Earnest money deposit (EMD):

- a. Vendors have to submit EMD as mentioned in tender notice. EMD may be deposited in cash (as permissible under Income tax Act,), through banker's check or pay order or demand draft in favor of Account officer, CFFP, BHEL, Hardwar payable at Haridwar or may be credited through e-transfer 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.
- 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, the tenderer revokes his tender within the validity period or increases his earlier quoted rates.
 - ii. The tenderer does not commence the work within the period as per LOI/contract.
- f. **Offers without EMD will be rejected and will not be considered for evaluation. However valid NSIC certificate may be considered.**

SPECIAL TERMS & CONDITIONS

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, infavour 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.

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.**
- 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 as per requirement and availability,

SPECIAL TERMS & CONDITIONS

ii. Electricity & Water

iii. Welding Machine, Maximum one no., subject to availability,

Welders and all consumables (except material need for grouting of machine) 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 either from CFFP or HERP.
- 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. Payment Terms:

- a. 25 % payment shall be made on receipt of machine at CFFP, BHEL, and its inspection and acceptance at CFFP. Balance 75% payment along with Security Deposit will be paid after completion of commissioning work & acceptance of machine by BHEL (Also refer Clause G below) after 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 first bill.
 - i. E-payment form duly filled (Form will be provided by BHEL)
 - ii. Income tax exemption letter (if applicable).
- c. No advance payment will be made by BHEL.
- d. Proof for Service Tax deposit is must to submit for the payment of commissioning charges.

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 Dismantling, Erection, commissioning, prove-out & acceptance of machine. The total period of execution will be calculated from issue of work order to handing over the machine to BHEL less Transportation time & time taken by CFFP, BHEL, Hardwar for

SPECIAL TERMS & CONDITIONS

foundation work & any time taken by BHEL for handing over the machine to contractor for dismantling work.

G. Guarantee/Warranty:

- a. Vendor shall stand guarantee for a period of **one year** from **the date of FINAL HAND-OVER of the machine** for any breakdown of the machine arising out of poor workmanship during execution of the relocation job on as on where is basis. . The guarantee/warranty will be supported by submission of a Performance Bank Guarantee of 10% of contract value. The guarantee period will start immediately after the acceptance of machine by BHEL.
- b. If breakdown of the machine is not responded within 72 hours during the guarantee period, the guarantee period will stand extended for double the corresponding period.
- c. Breakdowns not attended during the guarantee period will lead forfeiting of PBG.

H. Reverse Auction (RA):

- a. BHEL reserves the right to go for Reverse Auction (RA) instead of opening the sealed envelope price bid, submitted by the bidder. This will be decided after techno-commercial evaluation. All bidders to give their acceptance for participation in RA. Non-acceptance to participate in RA may result in non-consideration of their bids, in case BHEL decides to go for RA.
- b. In case BHEL decides to go for Reverse Auction, only those bidders who have given their acceptance to participate in RA will be allowed to participate in the Reverse Auction. Those bidders who have given their acceptance to participate in Reverse Auction will have to necessarily submit 'online sealed bid' in the Reverse Auction. Non-submission of 'online sealed bid' by the bidder will be considered as tampering of the tender process & will invite action by BHEL as per extant guidelines in vogue.
- c. For reference Terms & Conditions of Reverse Auction are given in Annexure-E.

I. Acceptance of Machine as commissioned:

- a. The machine will be verified through joint inspection by BHEL & Contractor for the acceptance of the machine as per the verification parameters placed at Annexure F.

SPECIAL TERMS & CONDITIONS

- b. The machine, after commissioning 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 period from the date of final acceptance of the machine as performance guarantee for the machine.

J. Responsibility:

- a. Care must be taken while carrying out the work to ensure that no structure and installation, fittings, fixtures are damaged. Any damaged done to the same or any other property will have to be repaired/replaced by the contractor failing which the same will be got done at his risk and cost the decision of the Engineering-in-charge on the propriety of adequacy of any repairs/ replacement work done by the contractor or any costs recoverable from the contractor in this behalf, shall be final and binding on the contractor .
- b. Any other work required essentially for safe handling & Shifting of 1 No. Heavy Duty Lathe Machine (Model: 1A665). (Make: Karmatorsk Heavy Machine Tool Works) from HERP plant, BHEL- Varanasi to CFFP, BHEL, Hardwar on as is where is basis shall be the integral part of the above work.
- c. Contractor to ensure that the employees deployed in the premises of BHEL are physically & mentally fit and do not have any criminal record such employees should posses' requisite skill, proficiency, qualification, experience etc.
- d. The work shall be carried out strictly as per direction & to the entire satisfaction of the Engineer-in-charge & without making any sort of inconvenience to the functioning of various units.
- e. Personal protective equipment & adequate safety gadgets to protect workmen & Jobs & surroundings shall be used by the contractor. The items should be of good quality & to be maintained in good condition.
- f. All consumable materials & spares must be taken inside by the contractor through their delivery challan and must be duly recorded at the Material gate, BHEL, Hardwar and one copy of the same must be deposited with Erection section Supervisor. The Tools & tackles, and any other non-consumable items of the contractor must be entered inside by self-declaration challan of CISF and

SPECIAL TERMS & CONDITIONS

must be preserved for returning the same after the contract.

- g. The firm has to engage sufficient manpower staff and competent supervisor should always supervise the work on regular basis during the execution of the contract. At least one mobile phone shall be maintained by the Supervisor/Worker - on – duty for ease in Communication.
- h. The firm has to bring the necessary tools and tackles for the above work.
- i. The contractor carries out the work undertaken by him at his own risk, finance, material, Human Resources and supervision, and payment is made to the contractor on the basis of work carried out by him duly certified by Executive-In-Charge (Erection).
- j. The contractor has to work during nights as well as during holidays and Sundays according to the exigencies of the work, without extra cost to the owner.
- k. It shall be the entire responsibility of the contractor to procure & supply at his own cost, consumable, safety equipment, tools & tackles, except those specified in the tender document; necessary to execute the work in a safe, efficient manner & complete the work as per schedule.
- l. The work shall be carried out to the satisfaction of BHEL Executive-in-charge. In-case of any dispute, decision of CFFP, BHEL, Hardwar will be final.
- m. In case of any delay or non-fulfillment of any other terms & conditions given in the work order the indenter may cancel the work order in full or part thereof and may also make the purchase of the 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.

PRE-QUALIFYING CRITERIA

This section details minimum requirement on part of the bidder for Shifting of 1 No. Heavy Duty Lathe Machine (Model: 1A665). (Make: Karmatorsk Heavy Machine Tool Works) from HERP plant, BHEL-Varanasi to CFFP, BHEL, Hardwar on as is where is basis. In general, the bidder must satisfy following criteria:

1. Average annual financial turnover for the last 3 financial years ending 31st March (i.e. for the financial years 2013-14, 2014-15 and 2015-16), must be not less than ₹ 5 Lakhs.
2. 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 “Manufacturing of Machine Tools OR Relocation work or reconditioning/up-gradation work of machines tools (work comprises Mechanical & Electrical nature) OR Annual Maintenance Contract of Machine tools (work comprises Mechanical, Electrical & electronic maintenance), where Machine Tools should have been either Heavy Duty Lathe machine (minimum bed length 8M) OR Vertical Borer Machine (min. Chuck dia. 4.5M) OR Horizontal Borer Machine (min. chuck dia. 200mm).
3. The value of such works must be:
Not less than ₹ 3.6 Lakhs for each of minimum three similar completed works with any organization of repute but not the bidders own organization
OR
Not less than ₹ 4.5 Lakhs for each of minimum two similar completed works with any organization of repute but not the bidders own organization
OR
Not less than ₹ 7.2 Lakhs for each of minimum one similar completed works with any organization of repute but not the bidders own organization
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.
4. **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.

5. Following checklist to be filled by the bidder.

Sl. No.	Required Data	To be filled by the bidder	Remarks of Bidder for supporting documents (Enclosed/Not Enclosed)
1.	PF Registration No		
2.	Service Tax Registration No		
3.	PAN No.		
4.	ESI Registration No		
5.	Documents as per clause 1		
6.	Documents as per clause 2		
7.	Documents as per clause 3		
8.	Average Turnover of last three years 2013-14 2014-15 2015-16		
9.	Value & Year of Similar Contract/s Work Order as per clause 3		
10.	Earnest Money (DD No.)		
11.	Acceptance for Reverse Auctioning		

VERIFICATION PARAMETERS FOR LATHE SR2000

Following points will be verified through joint inspection by BHEL & Contractor for the acceptance of the machine.

A. Different functionality of Machine as per following list is to be demonstrated by the contractor in idle & load running condition.

Sl. No.	Function
A.1	Movement of 1 st Carriage in X & Y- Axis through Rapid Motor/Feed Shaft & position
A.2	Movement of Tailstock in X- Axis
A.3	Movement of Tailstock Spindle in X- Axis
A.4	Rotation of Main Chuck
A.5	Running of all the lubrication motors

B. The contractor will have to demonstrate all the feed rates & RPM as per the following table in idle & load running condition.

Sl. No.	Feed Rates/RPM	Range
B.1	Feed for 1 st Carriage in X-Axis	
B.2	Feed for 1 st Carriage in Y-Axis	
B.3	RPM of chuck	

Terms & Conditions of Reverse Auction

Against this enquiry for the subject item/ system with detailed scope of supply as per enquiry specifications, BHEL is going for REVERSE AUCTION PROCEDURE i.e., ON LINE BIDDING (THROUGH A SERVICE PROVIDER). The philosophy followed for reverse auction shall be English Reverse (No ties).

1. For the proposed reverse auction, technically and commercially acceptable bidders only shall be eligible to participate.

2. Those bidders who have given their acceptance for Reverse Auction (quoted against this tender enquiry) will have to necessarily submit 'online sealed bid' in the Reverse Auction. Non-submission of 'online sealed bid' by the bidder for any of the eligible items for which techno-commercially qualified, will be considered as tampering of the tender process and will invite action by BHEL as per extant guidelines in vogue.

3. 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.

4. Business rules like event date, time, bid decrement, extension etc. also will be communicated through service provider for compliance.

5. Bidders have to email / fax the Compliance form (annexure II) before start of Reverse auction. Without this, the bidder will not be eligible to participate in the event.

6. In line with the NIT terms, 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 bidder to enable them to fill-in the price and keep it ready for keying in during the Auction.

7. Reverse auction will be conducted on scheduled date & time.

8. At the end of Reverse Auction event, the lowest bidder value will be known on auction portal.

9. The lowest bidder has to fax/e-mail the duly signed and filled-in prescribed format for price breakup including that of line items, if required, (Annexure III) as provided on case-to-case basis to Service provider within two working days of Auction without fail.

10. 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.

11. Bidders shall be required to read the "Terms and Conditions" section of the auctions site of Service provider, using the Login IDs and passwords given to them by the service provider before reverse auction event. Bidders should acquaint themselves of the 'Business Rules of Reverse Auction', which will be communicated before the Reverse Auction.

12. If the Bidder or any of his representatives are found to be involved in Price manipulation / cartel formation of any kind, directly or indirectly by communicating with other bidders, action as *per extant BHEL guidelines*, shall be initiated by BHEL and the results of the RA scrapped / aborted.

13. The Bidder shall not divulge either his Bids or any other exclusive details of BHEL to any other party.

14. BHEL reserves the right not to allow the H1 bidder(s) (whose quote is highest in online sealed bid) to participate in further RA process.

Price bid Format

Annexure- F

Sr.No.	Parameters	Cost per unit
1	Dismantling at BHEL- Varanasi (in Rs) & Packing Charges (in Rs.)	
2	Assembling, commissioning charges at CFFP, BHEL,Haridwar (in Rs)	
3	Applicable Taxes and duties.	Service Tax (if applicable).....
		Any other.....
4	Total (Sr No 1+2+3)	
Amount in Words : Rs		

For & behalf of CFFP, BHEL, Hardwar

I/we agree.
Signature & Seal of
Contractor & Date