

भारत हेवी इलेक्ट्रिकल्स लिमिटेड

हेवी पवर एक्विपमेंट प्लांट, रामचन्द्रापुरम, हैदराबाद - 500 032. (भारत)

BHARAT HEAVY ELECTRICALS LIMITED

Heavy Power Equipment Plant, Ramachandrapuram, Hyderabad –502 032 (INDIA)

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CMM-SDC

**Sub: Enquiry for Rate Contract (Heavy & Medium Machining)
2024-25-Reg**

**Ref: HY/CMM/SDC/HMS&MMS/2024-25
Dt. 12.07.2024**

**Enquiry No- N0AXX00184
Enquiry Due Date: 02.08.2024**

This enquiry is for entering into rate contract for machining operations on ‘Standard Machine Hour’ basis:

- a. A broad specification with estimated Hrs/Kg/Sq.CM/M for the work places, on which the work is to be done, is attached to this enquiry as **Annexure-III of PART A**.
- b. Subcontractors to acquaint themselves with the type of operations, Inspection requirement, scrap recovery norms to know the work to be carried out by them under this contract, before submitting their offer.
- c. Required material along with drawings/DCA (Drawing change advise), subcontract order and its amendments will be issued by BHEL.
- d. The scope of work involves carrying out the subcontracted operations as per BHEL drawings/DCA, inspection of the material, pickup of material & delivery of the subcontracted finished Item to BHEL stores.
- e. **Subcontractors to quote only for those work places for which they have requisite facilities in-house. BHEL reserves the right to visit the vendor Works and verify the availability of Workplaces/machines.**
Eg: For workplace 4241(Conventional Vertical Lathe):
Vendor shall have in-house facility of 4241 or equivalent
Vendor shall quote only for 4241 against that machine and not for other lower models of 4241 Conventional Vertical Lathe. In case, if it is found that subcontractor has quoted for the workplaces where the in-house facility is not available, their quote for those work places will not be considered.
- f. Subcontractors to quote rates for the work places listed in the price bid format (PART B).
- g. The rate to be quoted for workplaces is inclusive of conversion charges, and all consumables, handling charges, Trial assembly and transport charges for pickup of material & delivery of the subcontracted finished Item to BHEL (HPEP) Stores excluding taxes.
- h. This enquiry is for entering into rate contract agreement only and Subcontractors shall not claim any right for any quantity.

1.0 VALIDITY:

- 1.1 Rate Contract is valid for a period of 12 months from the date of contract finalization.
- 1.2 However BHEL reserves the right to extend the rate contract for another 12 months with the same terms and conditions with mutual consent of BHEL and vendor
- 1.3 The rates shall be FIRM and not subject to any variation/ escalation on any account during the validity of this Contract period. No-Price-Variation/No-Price-Increase shall be entertained for any reason during the tenure of the contract.
- 1.4 Quotation should be kept valid for 90 days from the date of technical bid opening for finalization of rate contract.

2.0 SUBMISSION OF OFFERS

Offers to be submitted in two part bid.

2.1 a) **Part A- Enquiry, Techno commercial Bid, Annexures given thereof (I to IX).**

b) **Part B - Price Bid** as per format to be filled up and submitted.

Part A and Part B to be kept in separate sealed covers, Part A/Part B cover to be **SUPER SCRIBED** on the envelopes along with enquiry number, due date and vendor code. These two covers are to be kept in another cover and send the same on which the enquiry number along with due date should be mentioned clearly.

2.2 Quotations should reach us by 11.00 AM hours on the tender due date. Any Offer received after 11.00 AM hours (due date) will be treated as late offer and is liable to be rejected. Tenders will be opened at 13.30 hours on the due date of opening in the presence of the tenderers present. Tender should be addressed to **Sr.DGM / (CMM-PP&CC), Vendor Complex, BHEL, Ramchandrapuram, Hyderabad –502 032**. Bids can be submitted in the tender box located at **VENDOR COMPLEX** of BHEL Hyderabad or can be send by posted mail.

On Tender due date Part-A (Techno commercial bid) of the offer will be opened. After scrutiny of Part-A, Price Bids of only techno-commercially qualified (Part-B), will only be opened. These tenderers will be informed separately regarding price bid opening date and time. Suppliers should be prepared to attend tender opening at short notice.

2.3 Bidders can also submit offer through email. The offer to be submitted in two parts. Technical offer to be submitted to **technicalbid_hyd@bhel.in** and price bid to be submitted to **pricebid_hyd@bhel.in**. Interchanging the information in the emails may lead to rejection of the offer. Supplier shall have no claim on e-mail offers sent on other e-mail ID. BHEL is no way responsible for non-receipt of offers sent through email due to server breakdown/internet failure/transmission error etc.

In case of e-mail offers the mail subject should contain enquiry no, due date and suppliers name, supplier address including contact details shall be mentioned in the content of the mail. Without these details offer may be liable for rejection.

2.4 BHEL reserves the right to accept or reject any or all the tenders, either in full or part thereof, at its discretion without assigning any reason thereof and without informing the tenderers.

2.5 Conditional offers if any submitted by the firms will not be acceptable.

2.6 Subcontractors should furnish clarifications if any required within seven days after the same is sought by BHEL. If clarifications / reply are not received within 7 days it will construed that the tenderer is not interested in the tender and it is liable for rejection

2.7 Price bid (PART- B) should be furnished in the specified format only. Quotation with any deviation in price bid will not be entertained.

2.8 No revision of prices will be entertained after the tender is opened.

2.9 In case discrepancy in the quoted rates in figures and words arises, Rates quoted in words shall be considered.

2.10 No correspondence shall be entertained from the Bidders after opening of Part-II (Price bid), except clarifications (if any) asked by BHEL in writing.

2.11 BHEL may negotiate the prices with L1 bidder after price bid opening.

3.0 TRANSPORTATION

Pick up of free issue material from BHEL (HPEP) stores to vendor works and the delivery of the sub-contracted finished item to BHEL stores is the responsibility of the vendor. Vendor to include pickup & delivery charges for free issue material & subcontracted finished items in their quoted price. In case of wrong /defective material issued by BHEL, scope of transportation of such wrong / defective material from vendor works to BHEL and re-sending of corresponding materials from BHEL to vendor's works is in the scope of BHEL

Non-lifting of material as specified by BHEL within 07 working days of intimation may be treated as refusal by the vendor and the initial allotted load as per distribution to the vendor may be reduced to that extent. The load so reduced may be redistributed to other vendor(s) based on recommendations of the empowered Committee of respective Products.

4.0 ORDERING:

4.1. Criteria for ordering of a component is based on major contribution/critical work place for the manufacturing of that component, as defined by technology department of respective product groups, in order of tender priority for that work place.

4.2. Those subcontractors, who have submitted the bid and gets technically qualified only will be eligible for tender evaluation and counter offering.

4.3. Counter offer and load distribution:

The finalized rates for this Rate Contract for Machining in this enquiry will be counter offered to the vendors as per the below cases:

Load distribution shall be limited to Max no of vendor (M) indicated against each work place as per Annexure VII .

Case (i): If no .of technically qualified vendors (N) is less than 3 for a particular work place, then there will be no elimination and load shall be distributed to all vendors.

Case (ii): If no. of technically qualified vendors (N) is greater than or equal to 3 then a min of (M,N-1) of the bidders will be considered for load distribution/counter offer. Counter offer will be offered to techno-commercially qualified bidders in the order of prices quoted. Techno-commercially qualified subcontractors who have offered the same rate as the last subcontractor who was not considered based on min(M,N-1) vendors criteria, BHEL reserves the right not to consider for counter offer.

However, in case the L1 rate is not accepted by any vendor, counter offer will be given to next vendor in the order of prices quoted (Lower to higher)

Load Distribution: For L1 vendor load offered is: $((X/Z) + 0.1X)$, for other than L1 vendors, the remaining value is equally distributed; where X=Total estimated concurred/finalized value for particular workplace and Z = total no of vendors for that workplace after elimination.

Eg: If 100 vendors become eligible for price bid opening for WP 4143, Max projected load in standard hours for the said item shall be distributed among 10 (i.e Min of 10,99).

For L1 vendor quantity shall be $((X/Z) + 0.1X)$, i.e $((10000/10) + (0.1 \times 10000))$ which works out to 2000 Units. For the remaining 9 vendors, load will be $(10000 - 2000)/9$ which works out to 888.89 units.

4.4 Tentative quantity likely to be ordered against each WORK PLACE is as per Annexure- **III**.

4.5 Tender quantity may increase / decrease during the rate contract period. BHEL does not guarantee any minimum load for any vendor.

4.6 If the counter offer given by BHEL to other than L1 Vendors is not accepted by them, BHEL may load full quantity on L1 vendor. In case L1 vendor fails to execute the order, BHEL may get the job done through other means and breach of contract, remedies and termination clause will be applicable which is elaborated in clause 11.0.

4.7 Firm quoting the lowest evaluated rate per unit of measurement for a Work place shall be declared as L1 Firm and the rate quoted shall be declared as L1 rate for that particular Work place. Evaluation shall be done on Total cost to BHEL.

In case of tie in the lowest bidder, revised reduced price offer in sealed cover will be obtained from tied L1 subcontractors to break the tie.

Revised price shall be either less than or equal to original quoted price.

- In case tied L1 bidder do not submit revised offer for tie breaking then original quoted rate shall be considered for further evaluation.
- In case tied L1 bidder submits increased price in revised offer for tie breaking then original quoted rate shall be considered for further evaluation.
- If tie still persists, lot system will be followed to arrive at L1 bidder. Bid with the next highest evaluated cost shall be ranked L2, and the next be L3, and so on.

BHEL reserves right to re-float or short close the work place or cancel the tender if L1 rates are not acceptable or due to any other reasons.

5.0 BANK GUARANTEE/FDR:

5.1 Bank guarantee/FDR/any other financial instrument as specified by BHEL is required as per following conditions

- a) BG/ FDR/any other financial instrument of 1% of Rate contract allocated Value within 15 days of Rate contract agreement .
- b) BG/ FDR/any other financial instrument during the validity of the contract should be either 1% of Rate contract allocated Value or 10% of open cumulative SCO (of current rate contract) value, whichever is higher.
- e) BG shall be valid for a period of 6 months from the expiry of Rate contract with a claim period of another 6 months after the expiry of validity period
- d) For all the cases in 5(a) & 5(b), vendor has to execute Indemnity Bond (Format as per Annexure VIII) in favor of BHEL for equivalent value of the material issued against each SCO.

5.2 Vendor is requested to provide the Bank Guarantee/FDR/any other financial instrument as specified by BHEL within 07 working days of intimation. Non-submission of BG/ any other financial instrument as specified by BHEL within 07 working days of intimation may be treated as refusal by the vendor and the initial allotted load as per distribution to the vendor may be reduced to that extent. The load so reduced may be redistributed to other vendor(s) based on recommendations of the empowered Committee of respective Products.

5.3 The Sub-contractor shall furnish a duly physically signed or certified online monthly inventory report at the end of every month regarding the availability of free issue materials at their end as required by subcontract Department, BHEL Hyderabad.

6.0 ORDER EXECUTION:

6.1 BHEL shall have the right to cancel any order either wholly or in part, in case, it is obliged to do so on account of any declines, diminution, curtailments or stoppage of BHEL's business.

6.2 Subcontractors are not permitted to use BHEL drawings for other than BHEL's requirements and shall execute a Non-disclosure confidentiality agreement to this effect before commencement of ordering takes place.

6.3 After manufacture of items, the subcontractors shall return all the drawings & process sheets issued for the purpose of manufacture along with delivery of materials.

6.4 Subcontractor should take all necessary precautions to ensure safety of BHEL material against damage or loss in any form. Subcontractor should execute any deed or agreements, framed by BHEL for the safety of the issued materials, while such property is in the possession or under the control of the subcontractor or any other person connected with him.

6.5 The Subcontractor shall produce the materials / records of the free issue items supplied by BHEL, Hyderabad in the form of raw materials, semi-finished components to BHEL officials visiting Subcontractor unit for verification purposes. If the Subcontractor fails to produce or properly account the materials so issued, BHEL, Hyderabad will have the right to take further action as deemed fit - including recovery of the value of the materials along with the respective administration charges and statutory levies from the running bills of the Subcontractors/ temporary suspension of load/ termination of contract / de-listing.

6.6 All the materials of BHEL, Hyderabad under no circumstance be sold / hypothecated to any bank or to any lending institution or to any party whomsoever. It should not also be shown as the subcontractor's assets in any of statements of the subcontractor to any party.

6.7 Movement of items issued by BHEL to any other place other than the subcontractor's works is prohibited. Further subcontracting of work without prior written permission of BHEL is also not allowed. All such violations may attract cancellation of orders and recovery of full material costs.

6.8 Vendor is requested to give acceptance of Purchase Order immediately on receipt of communication/ e-mail. No reply/ response from a vendor to accept the load within 48 hours will be treated as refusal by the vendor and the initial allotted load as per distribution to the vendor will be reduced to that extent. The load so reduced will be redistributed to other vendor(s) in order of tender priority based on recommendations of the empowered Committee.

Subcontractors refusing to take order as per rate contract more than TWO times will not be considered for ordering for 60 days or liable to be excluded from the rate contract on the recommendations of the empowered committee.

6.9 After placing PO, in case vendor fails to execute the order due to any reasons, it is vendor's obligation to return the raw material to BHEL failing which action shall be initiated on the vendor or BHEL will bring back material as per transport contract and the amount will be taken/deducted from available bills of vendor. Upon receipt of the material at BHEL, the initial allotted load as per distribution to the vendor will be reduced to that extent. The load so reduced will be redistributed to other vendor(s) in order of tender priority based on recommendations of the empowered Committee.

6.10 It shall be the responsibility of subcontractors to check the materials received both for quality & quantity as mentioned in the order/SMIV/PPMIV before issuing or receipt of the material.

6.11 Subcontractors shall ensure transfer of materials identity and traceability at all stages and also maintain proper record.

6.12 The manufacturing shall be made strictly according to BHEL drawings, documents; quality plans by using qualified people. Any ambiguities, differences to be settled prior to commencement of work.

6.13 DELIVERY TERMS:

F-O-R Stores/BHEL where destination is BHEL- Hyderabad.

6.13.1 In general, delivery period for each PO shall be 30-75 days from the date of Lifting of material from BHEL. However actual delivery date shall be fixed by BHEL for each PO and same will be mentioned in Purchase Order.

6.13.2 The delivery period includes time involved in material collection, cutting plan approval, and handing over of the finished goods to BHEL- Shipping. Sub-contracted finished items shall be door delivered at Shipping/Stores inside the factory, BHEL, Hyderabad.

6.13.3 The finished material on acceptance by BHEL/ Hyderabad Officials or by their authorized inspection agency shall be delivered to BHEL/ Hyderabad shipping/Stores., immediately within 7 days.

6.14 SUBLETTING

6.14.1 The Subcontractor shall not sublet or assign this work or any part thereof to any other firm(s) without the written permission of BHEL. However, if the PO / PGMA loading demands part processing / special process (like Heat treatment, machining, bending, shearing, threading, etc.) for few items at other source(s)/work(s) approved by BHEL, the same may be allowed, with the prior permission of BHEL in writing.

6.14.2 In the event of the Subcontractor subletting or assigning this work or any part thereof without such permission, BHEL shall be entitled to cancel the PO and also action shall be taken as per extant suspension guidelines

6.14.3 During execution of job below mentioned operations may be warranted for which rates will be paid extra as indicated:

Sl no	Operation	UOM	Rate(INR as per UOM)
1	Stress Relieving <2 hrs	Kg	4
2	Stress relieving >2 Hrs	Kg	4.25
3	Grit Blasting	SQM	280

7.0 ACTION AND COMPENSATION IN CASE OF BAD WORKMANSHIP:

If any work has been executed with unsound, imperfect or bad workmanship or with materials of inferior quality, the Sub-contractor shall on demand in writing from BHEL specifying the work, material/articles complained of, notwithstanding that the same may have been passed, certified and paid for, forthwith, rectify the work so specified in whole or in part as the case may require, at their own cost and in the event of his failure to do so within reasonable period, BHEL will rectify or remove and re execute the work as per breach of contract clause.

8.0 INSPECTION:

8.1. The goods will be inspected at subcontractor's works by BHEL Q.C., Customer or authorized Third party as indicated in the order.

8.2. The goods will be cleared for dispatch on provisional basis. Any defects noticed during assembly, testing or use, notwithstanding the same may have been passed, certified and paid for – is to be rectified by the subcontractor, in whole or in part, as the case may require, at their own cost. In the event of his failure to do so within reasonable period, BHEL will rectify or remove and re-execute the work as per breach of contract clause. The cost of rework or rejection, and any cost of freight incidental to such work will be to the subcontractor's account.

8.3. Subcontractors shall get the relevant measuring instruments, templates, gauges, jigs and fixtures - calibrated at, either BHEL or at any Govt., approved labs - traceable to national standards or BHEL approved agencies for the purpose. Relevant reports / Test certificates are to be produced to our inspection staff for verification on demand.

The instrument/gauges are to be calibrated periodically as follows:

Sl.No.	Type	Periodicity
01	Measuring instruments / gauges	One year
02	Limit Gauges (Eg.Plug/ring)	One year
03	Temperature , Pressure gauges	6 months
04	Measuring Steel tape	Once

8.4 Calibration status shall be displayed at the sub-contractors works.

Measuring Instruments/gauges calibration to be done in NABL approved Labs only.

For various items, the manufacturing, handling and testing facilities requirement as specified by BHEL from time to time shall be available with the subcontractor

8.5 Subcontractors shall provide all reasonable facilities to BHEL personnel to have access to the records of the issued material and items under manufacture at all stages of processing and inspection.

8.6 Plug gauges and Ring gauges up to M45 and plain gauges up to 50 mm have to be arranged by the subcontractor. Gauges of sizes beyond this range and special /nonstandard gauges will be provided by BHEL. Subcontractor has to intimate all such requirements in advance. It is the responsibility of the subcontractor to return such gauges in good condition, within the stipulated period. If the sub-contractor does not return the gauges as and when asked by BHEL within a stipulated time, BHEL may take action against the sub-contractors. Collection and delivery of these gauges is the responsibility of the subcontractor. BHEL reserves the right to claim adequate compensation from the subcontractor on account of any damage caused to the tools and gauges issued to them for execution of work, due to careless handling or negligence on the part of the subcontractor.

9.0 PENALTY FOR DELAYED DELIVERIES:

9.1. If the vendor delays beyond any agreed delivery date(s) or period(s), BHEL shall levy penalty for such delay @ 1% per week (7 days) or part thereof on delayed supplies-subject to a maximum of 10% of such value of delayed supplies statutory levies will be excluded in penalty .

9.2. If the subcontractor fails to supply the subcontracted jobs within the delivery period, or the progress of the work is not found to be satisfactory BHEL shall be forced to cancel the order - in part or in full and divert it to alternate subcontractor as per breach of contract clause.

9.3 Imposition, recovery or settlement of this penalty shall not affect BHEL's right to performance, compensation and termination of the agreement.

10.0 TAXES AND DUTIES:

10.1 GST will be reimbursed to the vendors only after reflection of the GSTR2B of BHEL and submission of valid tax invoice. In case of any non-compliance of GST law provisions due to which BHEL incurs any loss of credit or additional charges from the department, the same shall be recovered from the vendor's billssame in GSTR2A/.

10.2 Vendor to ensure correct applicability of IGST/CGST/SGST/UTGST based on the Inter / Intra state movement Supply of goods and services or both.

10.3 In case of change in tax rate due to delayed delivery, BHEL shall reimburse to the extent ITC available to BHEL .

10.4 Vendor shall raise the GST Invoice with applicable SAC/HSN as applicable.

10.5 Invoice should mention BHEL-HPEP-HYDERABAD GSTIN: 36AAACB4146P1ZG or GSTIN of BHEL Nodal Agency as mentioned in SCO.

10.6 In case changes are required on the invoice, Vendor has to raise a revised invoice to give that effect that or else a credit/debit note as per GST provisions to be issued.

10.7 A declaration to the effect that all tax liability as per GST rules and regulations shall be discharged. BHEL is a GST compliant organization and it expects its vendors who are GST registered also to be so. The vendors are expected to file the GST returns on time and make the remittance of tax on due dates

10.8 In case vendor is registered as composition dealer or converted from regular to composition dealer, onus for necessary communication shall be with the vendor. Any financial loss due to non /mis communication in this regard shall be borne by the respective vendor & not by BHEL.

10.9 Abiding with all the GST laws, rules, provisions including GST returns as applicable to the vendor shall be the responsibility of the vendor and BHEL shall not entertain any financial loss due to that; if so, BHEL reserve the right to recover the applicable amount along with interest & penalty from the supplier/vendor.

10.10 In case PO delivery could not be completed within 365 days from the date of issue of raw material due to subcontractor's default, the amount payable by BHEL to Government (i.e. GST @ 18% of input material value + applicable interest for 365 days) will be recovered from the subcontractor as penalty. The recovery/ penalty will be calculated separately for each material gate pass wherever the period crosses 365 days under a purchase order/ contract.

11.0 BREACH OF CONTRACT, REMEDIES AND TERMINATION:

In case of Breach of Contract, BHEL shall recover 10% amount of the contract value from the vendor in any of the following manners:

- (i) Forfeiture/ encashment of Security instruments (Performance security, EMD etc.) available against the said contract.
- (ii) Pending / Available bills of the vendor , any amount available with BHEL HPEP or any other units of BHEL.
- (iii) In case recovery is not possible from security instruments or from financial remedies mentioned above, legal remedies shall be pursued.

Important Notes: (1) Further, levy of liquidated damages, debarment, termination, de-scoping, short-closure, etc., shall be applied as per provisions of the contract.

12.0 MATERIAL ACCOUNTAL:

12.1. The material supplied by BHEL shall be properly utilized as per the drawings / quality plans in order to meet the requirements of the ordered product.

The subcontractor shall ensure completion of purchase orders in all respects including Material Accounting within PO delivery terms and in any case within 240 days from the date of issue of the materials from BHEL/HYDERBAD. ~~This is a statutory requirement and must be strictly complied with.~~

12.2. For the material issued by BHEL, the process scrap or excess materials is the property of BHEL. BHEL shall recover the cost of scrap as per the scrap rates, decided by BHEL from time to time.

Sl.No	Description	Scrap Size (in mm)	Off-cut size (in mm)
01	CS/AS (sheets & plates)	Below 500 X 250	500 X 250 & above
02	Rolled sections including structural / rods)-(other than tubes	Below 1000	1000 & above
03	RHS, SHS, tubes and pipes: Length	Below 500	500 & above
04	SS/Non-ferrous sheets & plates	Below 250 X 500	250 X 500 & above
05	SS/Non-ferrous structural, rods, tubes, pipes:	Below 250	250 & above
06	Haste alloy : Length	Below 250	250 & above
07	Big size scrap-Length x Breadth CS/AS	(2500 & above) X (150-249)	-----
08	WSTE/NAXTRA	Below 500 X 1000 Below dia 700	500 X 1000 & above Dia 700 &

12.3. The subcontractor shall account the scrap generated for machining operations where Gas Cutting operation is involved. **The quantity of scrap shall be gross weight minus net weight minus invisible losses if any as per the drawing / technological documents.**

Description	Invisible losses / wastage	Working allowance	Total process allowance
Sheets	2%	Nil	2%
Plates	2%	Nil	2%
Structural's (Beams, Channel, Angles, Flats, Rods, Pipes, Tubes, Packing etc.,)	1%	Nil	1%

12.4. All off-cuts (Ferrous, Non-ferrous, SS etc) are to be returned to BHEL Stores with RSV at Sub-contractors cost.

13.0 RECOVERY ON SCRAP:

13.1 All scraps (Ferrous, Non-ferrous, SS, CS/AS, WSTE etc.,) including turnings and borings need not be returned to BHEL (HPEP). Sub-contractors can dispose the above scrap, on completion of Final-Material-Accounting for the respective shipment. Necessary cost shall be recovered along with GST, and any other statutory levies as applicable as per BHEL norms

13.2 Returning of Off-cuts/Prime-material to BHEL Stores is mandatory. In case where those materials are not returned, cost shall be recovered along with all applicable statutory levies such as, Taxes etc along with our departmental charges/Administrative charges as per BHEL norms.

13.3 Scrap rate as on date of Material receipt at BHEL (C note) will be considered for recovery.

13.4. Due to exigencies, if BHEL issues more materials in excess of minimum requirement for completion of job, Such excess materials have to be returned along with the finished products without fail.

13.5. In case of outright rejection of processed material, no conversion charges will be paid and in addition, the cost of raw material along with GST shall be recovered at BHEL recovery rates.

13.6. Wherever availability of material becomes critical for certain work orders, BHEL will either take back or transfer the balance material available with the subcontractor from one subcontractor to other. For this necessary credit will be given during material accounting. All such material transfers to be honored immediately.

13.7 Subcontractor is responsible for prompt material accountal and repeated occurrence of inordinate delay in settling the material accountal will entail BHEL the right to terminate the contract forthwith or to impose a temporary suspension on further loading at the discretion of BHEL

14.0 RECOVERY ON PRIME/OFF-CUT MATERIAL:

Failure to return the material (prime/off-cut) will entail recovery of the value of the materials along with departmental/administrative charges fixed from time to time. Currently the departmental/administrative charges are 5% for indigenous materials and 10% for imported materials on the value. In addition, statutory taxes, duties & levies as applicable will also be recovered and no claim for refund will be admitted by BHEL/Hyderabad. Besides penal interest @ prevailing RBI Repo Rate plus 4% per annum will be levied on the material value, for the period starting from date of issue of material.

Wherever the issued materials are not returned to BHEL, even after expiry of 240 days from the date of full issue of materials and the reasons are not attributable to BHEL, recovery action will be taken as per the above clause.

15.0 PROGRESS REPORT:

15.1 The Sub-contractor shall from time to time tender pending reports and also discuss with our officials concerning the progress of the work and commitment as may be required by BHEL Hyderabad. The submission, receipt, and acceptance of such reports shall not prejudice the rights of BHEL Hyderabad, under the Contract shall operate as an estoppel against BHEL Hyderabad merely by reason of the fact that they have not taken notice of/or objected to any information contained in such reports. Action as deemed fit will be taken if the progress of the work is not satisfactory.

15.2 If the Sub-contractor fails to produce properly account of the materials so issued, BHEL, Hyderabad have the right to take further action as deemed fit including recovery of the value of the materials along with the respective administrative charges and statutory levies from the running bills of the Sub-contractor/suspension of load/termination of contract/de-listing.

15.3 Any act of Sub-contractor resulting in dishonest misappropriation or conversion of the materials so issued for his own use shall constitute the offence of Criminal Breach of Trust under Indian Penal Code and /or such other offences under any other provisions of law and the Contractee shall have every right to proceed against the Sub-contractor under Criminal Law in order to ensure proper punishment to such perpetrator/s for the said offence/s. In such cases, BHEL shall take all necessary steps to recover the material available with those firms.

16.0 TERMS OF PAYMENT

- a. Micro & Small Enterprises (MSEs) – payment will be made within 45 days
- b. Medium Enterprises - payment will be made within 60 days
- c. Non MSME Bidders - payment will be made within 90 Days

Note:

A. Above due date is reckoned from the date of Receipt of material or from the date of submission of complete set of documents as per PO whichever is later. Payment will be made on acceptance of Material.

B. MSMEs (covered under MSME Act) need to register and renew periodically and update the same with BHEL

C. The taxes that are reimbursed are limited to applicable taxes as on the Purchase Order delivery date or the amount actually paid whichever is less.

D. Adherence to the above time schedule of payment is contingent upon Bidder complying with GST provisions and availment of Input Tax Credit by BHEL before the date of payment.

E. No interest shall be payable by BHEL on earnest money or security deposit or any money due to the subcontractor by BHEL.

16.1 Payment shall be subject to the deduction of any amount for which the subcontractor is liable under this contract, or any contract in respect of which Bharat Heavy Electricals Limited, Hyderabad is the contractee.

16.2 Payment net off GST will be made for all the items along with material accountal and acceptance.

Wherever material accountal statement is not submitted along with bill, 25% of bill value will be retained towards recovery of scrap and prime materials, till the submission of material accountal statement.

BHEL HPEP is registered with RXIL (TReDS) platform. MSME bidders are requested to get registered with RXIL (TReDS) platform to avail the facility as per the GOI guidelines.

17.0 GUARANTEE

The subcontractor shall warrant that the workmanship of finished goods fully complies with the drawings and other technical conditions. If the finished goods are found defective owing to faulty workmanship/incomplete work within a period of 18 months from the date of dispatch the subcontractor shall make good of it / replace the same free of cost. Alternatively the rework / replacement charges will be recovered.

18.0 DISPUTES REGARDING STANDARD HOURS.

Standard machine hours for the subcontracted jobs are worked out by technology department. Request for review of any anomalies, in subcontracted order, regarding standard hours / workplace codes / scrap content - may be addressed to the ordering authority. The ordering authority will get it reviewed by the concerned technology department. The decision of technology department is final and binding on the subcontractor. In case of revision after review, it will be incorporated in that subcontract order and in no case such revision shall have retrospective effect. However review of timings as precondition to acceptance of order is not acceptable and BHEL may stop ordering on all such subcontractors who insist on this.

19.0 INDEMNITY

Subcontractors shall indemnify BHEL against the following:

19.1. All claims for injury or damage caused by the sub contractor's negligence or the negligence of subcontractor's employees or arising from any defect in the goods supplied or on the work carried out by the subcontractor's.

19.2. All claims for injury to the subcontractor employees or agents employed whilst on BHEL premises.

20.0. GENERAL

20.1. Any change in the address/reduction in qualified workplaces/ownership of the subcontractor's unit during the operation of the contract will have to be made only after getting the specific written approval from BHEL. Any deviation found later will be dealt with as deemed fit, including cancellation of registration.

20.2 BHEL has the right to refloat or short-close the Tender if L1 price is not the lowest acceptable price, or for other reasons

20.3 Rates should be quoted as per the Price Bid. Rates quoted in any other form will not be accepted and will be rejected.

20.4 The rates shall be quoted only in the format attached, both in words and figures. Wherever there is a difference between the words and figures, the amount in words shall prevail.

20.5 Should a Bidder find discrepancies or omissions in the Tender documents or should there any doubt as to their meaning, the bidder should at once approach the authority inviting the Tender, for clarification well before the due date, so as to submit Tender in time.

20.6 Conditional and late Tenders, Tenders which are incomplete or otherwise considered defective with respect to Tender conditions and Tenders not in accordance with the Tender conditions herein contained and the Tenders not in original shall be rejected, out rightly, at any point of time during the tender processing.

20.7 During the course of finalization, if the prices offered by L1 Bidders are found to be unrealistic, unworkable with respect to BHEL's estimate or prevailing market rates, BHEL will ask for justification demanding the break up cost element for such rates from the vendors with appropriate documentary evidence and if not submitted it will be construed that the vendor has offered the rates with an intention to sabotage BHEL Tender process/ tamper Tendering procedure, affecting the RC process. In such cases, BHEL will take appropriate disciplinary action on erring vendors in line with BHEL Suspension of Business dealings . Hence the bidders are advised to exercise abundant care in submitting a genuine offer.

20.8 If a bidder is found to have given false information / documents as a part of their offer, such offers shall be rejected / the contract shall be terminated and action shall be taken as per BHEL Suspension of Business dealings

20.9 Should a Bidder's or a Contractor's or in the case of a firm or company of Contractors/any of its shareholder's or shareholder's relative is employed in BHEL, the authority inviting the Tenders shall be informed in writing of this fact at the time of submission of the Tender. If such a fact comes to light subsequently, the Contract may be cancelled and the firm may be banned.

20.10 The entire terms and Conditions contained in this tender shall be deemed to form an integral part of the Contract to be entered.

20.11 Incase BHEL finds that vendors join together, form cartel, or influence others / new vendors to submit offers in their favor, then BHEL will take action as per 'Guidelines for suspension of business dealings with suppliers/ contractors'. Further the case shall be reported to Competition commission of India.

20.12 Bidders will be disqualified from BHEL vendors list and business with them will be suspended by BHEL, if it is found that they indulge / carry out activities / business which are in direct competition or detrimental to BHEL business interests.

20.13 Partnership firms should have the latest Form-A (Rules Declaration) issued by Registrar of Firms and the copy of the same should be produced at the time of signing the contract.

20.14. All Statutory obligations such as ESI , PF, labor laws, Factories act etc., will have to be taken care of by the Subcontractor. BHEL, Hyderabad will have no liability on them.

20.15. Sub-contractors should possess computers with internet facility and valid E-mail ID for future correspondence as per ANNEXURE-II (PART A).

20.16 E-mail sent to the address given by the vendor at Part A: Annexure II of the tender will treated as communication/ notice served for this purpose.

21.0 INTEGRITY PACT

(a) IP is a tool to ensure that activities and transactions between the company and its Bidders/Contractors are handled in a fair, transparent and corruption free manner. Following independent External Monitors (IEMs) on the present panel have been appointed by BHEL with the approval of CVC to oversee implementation of IP in BHEL.

Sl	IEM	Email
1	Shri Otem Dai, IAS (Retd.)	iem1@bhel.in
2	Shri Bishwamitra Pandey, IRAS (Retd.)	iem2@bhel.in
3	Shri Mukesh Mittal, IRS (Retd.)	Iem3@bhel.in

(b) The IP as enclosed with the tender is to be submitted (duly signed by authorized signatory) along with techno-commercial bid (Part-I, in case of two/three part bid). Only those bidders who have entered into such an IP with BHEL would be competent to participate in the bidding. In other words, entering into this pact would be a preliminary qualification.

(c) Please refer Section-8 of IP for Role and Responsibilities of IEMs. In case of any compliant arising out of the tendering process, the matter may be referred to any of the above IEM(s). All correspondence with the IEMs shall be done through email only.

Note:

No routine correspondence shall be addressed to the IEM (phone/post/email) regarding the clarifications, time extensions or any other administrative queries, etc on the tenders issued. All such clarification/issues shall be addressed directly to the tender issuing (procurement) department's officials whose contact details are provided below.

Details of contract person(s)

(1)

Name: **Sankar Jyoti Dutta**
Dy.Mgr/SDC/CMM
HPEP Hyderabad
040-2318 2506
sjdutta@bhel.in

(2)

Name: **M Rohini**
Dy.Mgr/SDC/CMM
HPEP Hyderabad
040-2318 3728
mrohini@bhel.in

(3)

Name: **K Padmaja**
Sr DGM/SDC/CMM
HPEP-Hyderabad
040-23185258
padmaja@bhel.in

22.0 BHEL's FRAUD PREVENTION POLICY

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 <http://www.bhel.com> and shall immediately bring to the notice of BHEL Management about any fraud or suspected fraud as soon as it comes to their notice.

23.0 BHEL'S GUIDELINES FOR SUSPENSION OF BUSINESS DEALINGS WITH SUPPLIERS/ CONTRACTORS

Vendors may please note that "abridged version of extant 'Guidelines for suspension of business dealings with suppliers/ contractors' has now been uploaded on www.bhel.com on "supplier registration page".

24.0 CONCILIATION:

CONCILIATION CLAUSE FOR CONDUCTING CONCILIATION PROCEEDINGS UNDER THE BHEL CONCILIATION SCHEME, 2018: The Parties agree that if at any time (whether before, during or after the arbitral or judicial proceedings), any Disputes (which term shall mean and include any dispute, difference, question or disagreement arising in connection with construction, meaning, operation, effect, interpretation or breach of the agreement, contract or the Memorandum of Understanding, penalty deduction, time extension), which the Parties are unable to settle mutually, arise inter-se the Parties, the same may, be referred by either party to Conciliation to be conducted through Independent Experts Committee to be appointed by competent authority of BHEL from the BHEL Panel of Conciliators.

The proceedings of Conciliation shall broadly be governed by Part-III of the Arbitration and Conciliation Act 1996 or any statutory modification thereof and as provided in Procedure (Annexure-X) to this GCC. The Procedure (Annexure-X) together with its Formats will be treated as if the same is part and parcel hereof and shall be as effectual as if set out herein in this GCC

NOTES:

1. No serving or a retired employee of BHEL/Administrative Ministry of BHEL shall be included in the BHEL Panel of Conciliators.
2. Any other person(s) can be appointed as Conciliator(s) who is/are mutually agreeable to both the parties from outside the BHEL Panel of Conciliators.

ARBITRATION (WITH SOLE ARBITRATOR)

Except as provided elsewhere in this Contract, in case amicable settlement is not reached between the Parties, in respect of any dispute or difference; arising out of the formation, breach, termination, penalty deduction, validity or execution of the Contract; time extension, or, the respective rights and liabilities of the Parties; or, in relation to interpretation of any provision of the Contract; or, in any manner touching upon the Contract, then, either Party may, by a notice in writing to the other Party refer such dispute or difference to the sole arbitration.

The Arbitrator shall pass a reasoned award and the award of the Arbitrator shall be final and binding upon the Parties.

Subject as aforesaid, the provisions of Arbitration and Conciliation Act 1996 (India) or statutory modifications or re-enactments thereof and the rules made thereunder and for the time being in force shall apply to the arbitration proceedings under this clause.

The seat of arbitration shall be Sangareddy / Hyderabad. The language of arbitration shall be English and the documents shall be submitted in English and the documents shall be submitted in English..

The cost of arbitration shall initially be borne equally by the Parties subject to the final apportionment of the cost of the arbitration in the award of the Arbitrator.

Notwithstanding the existence or any dispute or differences and/or reference for the arbitration, the Contractor shall proceed with and continue without hindrance the performance of its obligations under this Contract with due diligence and expedition in a professional manner except where the Contract has been terminated by either Party in terms of this Contract.

25.0 JURISDICTION

It is only after exhausting the Arbitration above further legal proceedings arising under or relating to this contract, the courts at Sangareddy in Telangana only shall have the jurisdiction.

26.0 FORCE MAJEURE

26.0.1 Notwithstanding anything contained in the Contract, neither the Seller and nor the Buyer shall be held responsible for total or partial non-execution of any of the contractual obligations, should the obligation become unreasonably onerous or impossible due to occurrence of a 'Force Majeure' which directly affect the obligations to be performed by the Buyer or the Seller. Such events include war, military operations of any nature, blockages, revolutions, insurrections, riots, civil commotions, insurgency, sabotage, acts of public enemy, fires, explosion, epidemics, quarantine restrictions, floods, earthquake, or acts of God, restrictions by Govt. authorities over which the Seller or the Buyer has no control. Seller and Buyer shall endeavor to prevent, overcome or remove the causes of force Majeure.

26.0.2 The party claiming to be affected by Force Majeure shall notify the other party in writing without delay, within two weeks on the intervention and on the cessation of such circumstance. The notifying party shall specify the matter constituting Force Majeure, explaining to what extent contractual obligations will thereby be prevented or delayed and the further period for which it is estimated that such prevention or delay will continue. Extension of time sought by the Seller along with supporting evidence and so granted by the Buyer for the supply/ work affected, if any, shall not be construed as waiver in respect of remaining deliveries.

26.0.3 Notwithstanding above provisions, Buyer shall reserve the right to cancel the order/ Contract, wholly or partly, in order to meet the overall project schedule and make alternative arrangements for completion of deliveries and other schedules.

If the war like situation has developed in a country where a seller's works is located in this P.O. or there is political instability and Indian Embassy located in that country forbids or advises for not having any business dealing with the sellers located in such zone / region/ country, then BHEL reserves the right to cancel the order.

26.1 HOLD ON CONTRACT EXECUTION CASES OTHER THAN FORCE MAJEURE

26.1.1 In case of uncertainty regarding lifting of HOLD on contract execution relating to any activity put by Buyer/BHEL (because of any reason other than Force Majeure) or by end customer (cancellation or hold on project), the contract/Purchase Order may be short closed by Buyer/BHEL after 3 years from date

of imposition of HOLD without prejudice to any claim of either party with regard to the executed portion of the contract.

However, all future obligations of the Buyer and Seller with respect to the contract/Purchase Order shall come to end in case of such short closure.

27.0 PRE-QUALIFICATION REQUIREMENT (PQR)

1. Pre-qualification requirement criteria for qualifying firms participating in the open tender enquiry is given in this section. The same shall be evaluated by BHEL during evaluation of Part-I bids of offers received.
2. A firm, who has participated in this NIT, shall be qualified for Part-B Price bid opening if and only if the firm meets PQR for General Criteria, Technical Criteria and Financial Criteria given below. If a firm which is not registered with BHEL HPEP, Hyderabad participates and gets qualified in Part-I by fully satisfying PQR and other enquiry terms & conditions, then registration for the firm to applicable Product Material Directory (PMD) of subcontract / BHEL HPEP Hyderabad shall be taken up in parallel as per Supplier Evaluation, Approval & Review Procedure (SEARP) of BHEL.

27.1 TECHNICAL QUALIFICATION:

Vendors should possess all the facilities and machine type for the quoted workplaces. Vendors to submit the following

1. Vendor to submit annex-III for list of machineries.
2. Vendor to submit declaration for availability of skilled man power for the work place required
3. Calibrated Vernier caliper, Micrometer, Dial gauges should be available for operations.

BHEL reserves right to visit and verify facilities at Vendor Works

27.2 FINANCIAL QUALIFICATION:

All participating firms must submit the following documents required:

- i. Copy of certificate of incorporation

Nature of company	Document to be submitted
Public Limited Company Private Limited Company, One Person Company	Memorandum of Association, Articles of Association and Certificate of Incorporation
Limited Liability Partnership	Memorandum of Association, Articles of Association, LLP partnership agreement, Certificate of Incorporation (LLPIN)
Partnership Firm	Registered Partnership Deed duly signed by Registrar of Firms
Proprietorship	Profession Tax Regn./ Municipal Regn/ PAN of Firm (Proprietor)
Co-Operative Society	Certificate of Registration of society issued by Registrar of Societies along with its Society Rules & Bye Laws (as per Extant Act)
Trust	Registered Trust Deed
Others	Please specify and attach a copy of the relevant statutory document

- ii. GST

- iii. PAN
- iv. DIN in case of Directors of company
- v. UDYAM (if applicable)
- vi. Audited balance sheet for the latest 2 years.
- vii. Net worth certificate, certified by Chartered Accountant to be submitted with tender along.(Format as per Annexure IX)

Participating firms must submit the above required documents along with their techno commercial bid (Part-I)

INSTRUCTIONS TO BIDDERS

Tender documents are to be submitted in two bid system.

1. Techno Commercial Bid.

2. Price bid.

1. Technical and price bids must be kept in separate covers and **super scribed** as “**Technical bid**” and “**Price bid**” separately clearly written on the covers and keep both these covers in separate tender cover .Tenderers must indicate the **tender Number, Due date and Name & Address of the vendor** clearly on tender covers.

2. Only sealed tenders will be invited.

3. Every Enquiry page of the tender document shall be signed and affix rubber stamp by the tenderer at the bottom of the page.

4. The tenderer shall acquaint himself with the conditions / limitations and official regulations, under which or conforming to which, the jobs are to be performed and shall examine carefully all the information's as may be furnished to them in writing from time to time.

5. The tenderer shall acquaint himself with applicable Acts.

6. **No deviation or change** from the tender conditions will be entertained and BHEL has the right to reject such tenders with deviations.

7. Price shall be given in the specified format only in words and Numbers.

In case of discrepancy in values between numbers and words anywhere in the tender document the value in words shall be considered

8. Tenderers are requested to indicate their reasonable offers and it may please be noted that offers with unreasonable / abnormal rates are liable for total rejection at the discretion of BHEL without assigning any reason thereof.

9. Insertions, postscript ions, additions and alterations in the tender shall not be recognized unless received prior to the closing date of the tender and in time and confirmed by the tenderer's signature.

10. Tenderer shall bear all cost incidentals for preparation, submission and negotiations of the tender.

11. Tender documents containing erasures and alternations are liable to be rejected. Any correction made by the tenderer(s)/his/her /their representative must be authenticated by the tenderer who has signed the original tender. All pages of the Tender documents shall be authenticated by the tenderer by putting his initials or the firm's official rubber stamp.

12. In case of any discrepancy between the description of the schedule or quantities, specifications, drawings and for other tender documents, the decision of BHEL in writing is final, binding and conclusive for the purpose of this contract.'

13. Conditional tenders are liable to be rejected.

.....

PART-A

	Vendor Name-	Annexure-I
LEETER OF UNDERTAKING ON TECHNO COMMERCIAL BID FOR HMS & MMS RATE CONTRACT (2024-25)		
	ENQUIRY NO: HY/CMM/HMS&MMS/2024-25	
1	Quoted rates are applicable for one year from the date of finalization of rate contract.	
2	Quotation should be kept valid for 90 days from the date of technical bid opening for finalization of rate contract.	
3	Price bid is in specified format only. Quoted rates are for the specified Units as given in the format.	
4	For the workplaces, for which rates have been quoted, our machines meet BHEL specifications.	
5	In case of our being included in the rate contract confidentiality agreement as per BHEL format will be executed.	
6	In case of our being included in the rate contract required Bank Guarantee will be furnished in the specified format.	
7	Quoted work will be fully carried out at our works and no part will be offloaded without written permission from BHEL with a valid reason.	
8	We confirm that we belong tocategory (SC/ST/OC).	
9	We accept BHEL's terms of payment and penalty clause for delayed deliveries.	
10	Our company is registered as MSE(Y/N).(If reply is yes enclose attested copy of MSE certificate with your techno commercial bid as proof)	
11	PAN NO/GST NO (copy enclosed)	
12	We confirm that we would execute any agreements clause for delayed deliveries.	
13	We confirm that we are quoting for the existing and approved workplaces only.	
	We M/S..... confirm that the enquiry terms and conditions have been fully read and understood and the prices quoted are in accordance with the same.	
	Signature of the authorized :	
	Representative with date:	
	Seal of the firm	
	E mail address	

PART A : Annexure II

1	COMPANY DETAILS:	
	Name of the Firm	
	Address	
	Year of Establishment	
	Factory License No:	
	Udyog Aadhaar Memorandum:	
	MSME Registration No. (wherever Applicable)	
	Managing Partner/Proprietor	
	PAN No	
	GST No	
	Telephone No. (Mobile/Landline)	
2	INFRASTRUCTURE	
	Total Factory Area in Sq. Mts	
	Covered Area (Built-up Area) in Sq.Mts	
	Technical Staff (Including Workmen) in Nos	
	Office Staff in Nos	
3	MATERIAL HANDLING FACILITIES	
	EOT Cranes (Safe Working Load in Tons x Span in Mts)	
	Gantry/Semi-Gantry/A-Frame (Safe Working Load in Tons x Span in Mts)	
	Chain Pulley Block/Electric Hoist (Safe Working Load in Tons)	

Seal of the firm

PART A :ANNEXURE III- TECHNICAL SCOPE AND ESTIMATE QTY							Vendor Response						
SI	WP	Machine Type (CONVENTIONAL /CNC)	Description	Basic Spec	Unit of Measur ement	Quantity	Vendor Spec	Make of Machine	Year of Installation	No of Machines	No of Shifts operated	Capacity available in Hrs	Capacity spareable to BHEL
1	4143	Conv	Centre Lathe	Swing Over Bed: 1015mm Admit Between Centres: 5000mm	HR	15335							
2	4223	Conv	Vertical Lathe	Table Dia: 1180mm Max.Turning dia : 1250mm Job Height : 1000mm Job Wt: 4 tons	HR	18094							
3	4224	Conv	Vertical Lathe	Table Dia: 1500mm Max.Turning dia : 1650mm Job Height : 1100mm Job Wt: 4 tons	HR	6569							
4	4232	Conv	Vertical Lathe	Table Dia: 2400mm Max.Turning dia : 2600mm Job Height : 1600mm Job Wt: 10 tons	HR	27660							
5	4233	Conv	Vertical lathe	Max turning dia - 3000mm Dia of table -2500mm Max. Turnin Ht. - 1600mm Max. Wt. of job - 15T	HR	2484							
6	4241	Conv	Vertical lathe	Table Dia: 4770mm Max.Turning dia : 5300mm Job Height : 3500mm Job Wt: 40 tons	HR	3065							
7	4291	CNC	Vertical lathe	Table Dia: 1180mm Max.Turning dia : 1250mm Job Height : 1000mm Job Wt: 4 tons	HR	428							
8	4292	CNC	Vertical lathe	Table Dia: 1600mm Max.Turning dia : 1700mm Job Height : 1200mm Job Wt: 7 tons	HR	13580							
9	4293	CNC	Vertical lathe	Table Dia: 2500mm Max.Turning dia : 2800mm Job Height : 2000mm Job Wt: 20 tons	HR	12191							

SI	WP	Machine Type (CONVENTIONAL /CNC)	Description	Basic Spec	Unit of Measur ement	Quantity	Vendor Spec	Make of Machine	Year of Installation	No of Machines	No of Shifts operated	Capacity available in Hrs	Capacity spareable to BHEL
10	4294	CNC	Vertical lathe	Table Dia: 4700mm Max.Turning dia : 5300mm Job Height : 4500mm Job Wt: 100 tons	HR	1014							
11	4310	CNC	Centre Lathe	Max Swing Dia- 460mm Max DBC - 400mm	HR	2200							

SI	WP	Machine Type (CONVENTIONAL /CNC)	Description	Basic Spec	Unit of Measur ement	Quantity	Vendor Spec	Make of Machine	Year of Installation	No of Machines	No of Shifts operated	Capacity available in Hrs	Capacity spareable to BHEL
12	4317	CNC	CNC Center lathe	Swing Over Bed: 900mm Admit Between Centres: 5000mm	HR	1609							
13	4652	Conv	Radial Drill	Drilling Capacity : 50mm Tapping capacity : M56 Max.Drilling Radius : 2350 mm	HR	5853							
14	4662	Conv	Radial Drill	Drilling Capacity : 100mm Tapping capacity : M100 Max.Drilling Radius : 4470 mm	HR	11073							
15	4821	Conventional	Table type Horizontal Borer	Spindle Dia : 100mm Rotary Table size :1250x1250 mm Max Job weight: 3 tons X-Axis : 1250 mm Y-Axis : 1120 mm	HR	15428							
16	4825	Conv	Table type Horizontal Borer	Spindle Dia : 130mm Rotary Table size :2000x2000 mm Max Job weight: 20 tons X-Axis : 3200 mm Y-Axis : 1500 mm	HR	26758							
17	4828	Conv	Table type Horizontal Borer	Spindle Dia : 100mm Rotary Table size :2000x2000 mm Max Job weight: 20 tons X-Axis : 3150 mm Y-Axis : 2500 mm	HR	16550							
18	4843	CNC	CNC Horizontal Boring Machine	spindle dia.-130mm Vertical Travel of spindle - 2500mm Table size -2200mm x1800mm Horizontal travel of column- 3500mm	HR	3572							
19	4845	CNC	Floor type Horizontal Borer	Spindle Dia : 180mm Rotary Table size :3000x3000 mm Max Job weight: 60 tons X-Axis :8000 mm Y-Axis : 3500 mm Z-Axis : 1000 mm	HR	3003							

SI	WP	Machine Type (CONVENTIONAL /CNC)	Description	Basic Spec	Unit of Measur ement	Quantity	Vendor Spec	Make of Machine	Year of Installation	No of Machines	No of Shifts operated	Capacity available in Hrs	Capacity spareable to BHEL
20	4945	Conv	Slotting machine	Stroke length - 700mm Table diameter. - 900mm	HR	350							
21	5288	Conv	Double Column Plano Milling machine	Table size : 1250x3000 mm Admit between columns : 1660 mm Max.Job Height: 1250mm	HR	2287							
22	5292	Conv	Double Column Plano Milling machine	Table size : 1600x4000 mm Admit between columns : 2060 mm Max.Job Height: 1400mm	HR	746							
23	5295	CNC	Gantry Milling and Drilling Machine	spindle dia. - 100mm Bed Size - 2500mm x 5000mm Vertical Travel of drill head- 1500mm	HR	1843							
24	5326	CNC	Vertical Machining Centre	Table Size : 1000x1000 Max Job weight: 3 tons X-Axis :2000 mm Y-Axis : 1000 mm Z-Axis : 500 mm	HR	3257							
25	5538	Conv	Cylindrical Grinding Mach	Distance between Center - 6000mm Center Height - 300mm	HR	1038							

Part A: Anexure IV

S.NO	Parameters	System in effect (tick if exists & provide evidences if ticked in written procedure)	Records (tick if available & submit evidence)	Remark / Relevant documents to be furnished
1	Avaialabilty & Implementation of Safe operating procedures			safety procedure/ guidelines
2	Accident reporting and Investigation procedure			Accident statistics for last three years
3	Procedures for identifying workplace hazards and assessing their risks.			HIRA list & procedure
4	System of Non Conformity report disposition , Corrective and preventive action (CA PA)			Details of previuous accidents and its CA PA
5	Proper equipment for the control of hazards such as guards, locks, alarms, etc. is properly maintained and available to all that require it.			Self certification to its implementation.
6	No of Surveillance Inspections carried out on health conditions of the workforce.			Health records
7	Information and knowledge to workers on the hazards that they may face and how to avoid injury or illness.			Records of awareness / training program.
HIRA- hazard identification and risk analysis				

Annexure- V

INTEGRITY PACT**Between**

Bharat Heavy Electricals Ltd. (BHEL), a company registered under the Companies Act 1956 and having its registered office at "BHEL House", Siri Fort, New Delhi - 110049 (India) hereinafter referred to as "The Principal", which expression unless repugnant to the context or meaning hereof shall include its successors or assigns of the ONE PART

and

_____, (description of the party along with address), hereinafter referred to as "The Bidder/ Contractor" which expression unless repugnant to the context or meaning hereof shall include its successors or assigns of the OTHER PART

Preamble

The Principal intends to award, under laid-down organizational procedures, contract/s for _____

_____. The Principal values full compliance with all relevant laws of the land, rules and regulations, and the principles of economic use of resources, and of fairness and transparency in its relations with its Bidder(s)/ Contractor(s).

In order to achieve these goals, the Principal will appoint Independent External Monitor(s), who will monitor the tender process and the execution of the contract for compliance with the principles mentioned above.

Section 1- Commitments of the Principal

1.1 The Principal commits itself to take all measures necessary to prevent corruption and to observe the following principles:-

1.1.1 No employee of the Principal, personally or through family members, will in connection with the tender for, or the execution of a contract, demand, take a promise for or accept, for self or third person, any material or immaterial benefit which the person is not legally entitled to.

1.1.2 The Principal will, during the tender process treat all Bidder(s) with equity and reason. The Principal will in particular, before and during the tender process, provide to all Bidder(s) the same information and will not provide to any Bidder(s) confidential/ additional information through which the Bidder(s) could obtain an advantage in relation to the tender process or the contract execution.

1.1.3 The Principal will exclude from the process all known prejudiced persons.

1.2 If the Principal obtains information on the conduct of any of its employees which is a penal offence under the Indian Penal Code 1860 and Prevention of Corruption Act 1988 or any other statutory penal enactment, or if there be a substantive suspicion in this regard, the Principal will inform its Vigilance Office and in addition can initiate disciplinary actions:

Section 2 - Commitments of the Bidder(s)/ Contractor(s)

- 2.1 The Bidder(s)/ Contractor(s) commit himself to take all measures necessary to prevent corruption. He commits himself to observe the following principles during his participation in the tender process and during the contract execution.
- 2.1.1 The Bidder(s)/ Contractor(s) will not, directly or through any other person or firm, offer, promise or give to the Principal or to any of the Principal's employees involved in the tender process or the execution of the contract or to any third person any material, immaterial or any other benefit which he/ she is not legally entitled to, in order to obtain in exchange any advantage of any kind whatsoever during the tender process or during the execution of the contract.
- 2.1.2 The Bidder(s)/ Contractor(s) will not enter with other Bidder(s) into any illegal or undisclosed agreement or understanding, whether formal or informal. This applies in particular to prices, specifications, certifications, subsidiary contracts, submission or non-submission of bids or any other actions to restrict competitiveness or to introduce cartelization in the bidding process.
- 2.1.3 The Bidder(s)/ Contractor(s) will not commit any penal offence under the relevant Indian Penal Code (IPC) and Prevention of Corruption Act; further the Bidder(s)/ Contractor(s) will not use improperly, for purposes of competition or personal gain, or pass on to others, any information or document provided by the Principal as part of the business relationship, regarding plans, technical proposals and business details, including information contained or transmitted electronically.
- 2.1.4 Foreign Bidder(s)/ Contractor(s) shall disclose the name and address of agents and representatives in India and Indian Bidder(s)/ Contractor(s) to disclose their foreign principals or associates. The Bidder(s)/ Contractor(s) will, when presenting his bid, disclose any and all payments he has made, and is committed to or intends to make to agents, brokers or any other intermediaries in connection with the award of the contract.
- 2.2 The Bidder(s)/ Contractor(s) will not instigate third persons to commit offences outlined above or be an accessory to such offences.
- 2.3 The Bidder(s)/ Contractor(s) shall not approach the Courts while representing the matters to IEMs and will await their decision in the matter.

Section 3 - Disqualification from tender process and exclusion from future contracts

If the Bidder(s)/ Contractor(s), before award or during execution has committed a transgression through a violation of Section 2 above, or acts in any other manner such as to put his reliability or credibility in question, the Principal is entitled to disqualify the Bidder(s)/ Contractor(s) from the tender process or take action as per the separate "Guidelines on Banning of Business dealings with Suppliers/ Contractors", framed by the Principal.

Section 4 - Compensation for Damages

- 4.1 If the Principal has disqualified the Bidder from the tender process prior to the award according to Section 3, the Principal is entitled to demand and recover the damages equivalent Earnest Money Deposit/ Bid Security.
- 4.2 If the Principal has terminated the contract according to Section 3, or if the Principal is entitled to terminate the contract according to section 3, the Principal shall be entitled to

demand and recover from the Contractor liquidated damages equivalent to 5% of the contract value or the amount equivalent to Security Deposit/ Performance Bank Guarantee, whichever is higher.

Section 5 - Previous Transgression

- 5.1 The Bidder declares that no previous transgressions occurred in the last 3 years with any other company in any country conforming to the anti-corruption approach or with any other Public Sector Enterprise in India that could justify his exclusion from the tender process.
- 5.2 If the Bidder makes incorrect statement on this subject, he can be disqualified from the tender process or the contract, if already awarded, can be terminated for such reason.

Section 6 - Equal treatment of all Bidders/ Contractors / Sub-contractors

- 6.1 The Principal will enter into agreements with identical conditions as this one with all Bidders and Contractors. In case of sub-contracting, the Principal contractor shall be responsible for the adoption of IP by his sub-contractors and shall continue to remain responsible for any default by his sub-contractors.
- 6.2 The Principal will disqualify from the tender process all bidders who do not sign this pact or violate its provisions.

Section 7 - Criminal Charges against violating Bidders/ Contractors /Subcontractors

If the Principal obtains knowledge of conduct of a Bidder, Contractor or Subcontractor, or of an employee or a representative or an associate of a Bidder, Contractor or Subcontractor which constitutes corruption, or if the Principal has substantive suspicion in this regard, the Principal will inform the Vigilance Office.

Section 8 - Independent External Monitor(s)

- 8.1 The Principal appoints competent and credible Independent External Monitor for this Pact. The task of the Monitor is to review independently and objectively, whether and to what extent the parties comply with the obligations under this agreement.
- 8.2 The Monitor is not subject to instructions by the representatives of the parties and performs his functions neutrally and independently. He reports to the CMD, BHEL.
- 8.3 The Bidder(s)/ Contractor(s) accepts that the Monitor has the right to access without restriction to all contract documentation of the Principal including that provided by the Bidder(s)/ Contractor(s). The Bidder(s)/ Contractor(s) will grant the monitor, upon his request and demonstration of a valid interest, unrestricted and unconditional access to his contract documentation. The same is applicable to Sub-contractor(s). The Monitor is under contractual obligation to treat the information and documents of the Bidder(s)/ Contractor(s) / Sub-contractor(s) with confidentiality in line with Non- disclosure agreement.
- 8.4 The Principal will provide to the Monitor sufficient information about all meetings among the parties related to the contract provided such meetings could have an impact on the contractual relations between the Principal and the Contractor. The parties offer to the Monitor the option to participate in such meetings.

- 8.5 The role of IEMs is advisory, would not be legally binding and it is restricted to resolving issues raised by an intending bidder regarding any aspect of the tender which allegedly restricts competition or bias towards some bidders. At the same time, it must be understood that IEMs are not consultants to the Management. Their role is independent in nature and the advice once tendered would not be subject to review at the request of the organization.
- 8.6 For ensuring the desired transparency and objectivity in dealing with the complaints arising out of any tendering process, the matter should be examined by the full panel of IEMs jointly as far as possible, who would look into the records, conduct an investigation, and submit their joint recommendations to the Management.
- 8.7 The IEMs would examine all complaints received by them and give their recommendations/ views to CMD, BHEL, at the earliest. They may also send their report directly to the CVO and the Commission, in case of suspicion of serious irregularities requiring legal/ administrative action. IEMs will tender their advice on the complaints within 10 days as far as possible.
- 8.8 The CMD, BHEL shall decide the compensation to be paid to the Monitor and its terms and conditions.
- 8.9 IEM should examine the process integrity, they are not expected to concern themselves with fixing of responsibility of officers. Complaints alleging mala fide on the part of any officer of the organization should be looked into by the CVO of the concerned organisation.
- 8.10 If the Monitor has reported to the CMD, BHEL, a substantiated suspicion of an offence under relevant Indian Penal Code/ Prevention of Corruption Act, and the CMD, BHEL has not, within reasonable time, taken visible action to proceed against such offence or reported it to the Vigilance Office, the Monitor may also transmit this information directly to the Central Vigilance Commissioner, Government of India.
- 8.11 The number of Independent External Monitor(s) shall be decided by the CMD, BHEL.
- 8.12 The word 'Monitor' would include both singular and plural.

Section 9 - Pact Duration

- 9.1 This Pact shall be operative from the date IP is signed by both the parties till the final completion of contract for successful bidder and for all other bidders 6 months after the contract has been awarded. Issues like warranty / guarantee etc. should be outside the purview of IEMs.
- 9.2 If any claim is made/ lodged during currency of IP, the same shall be binding and continue to be valid despite the lapse of this pact as specified above, unless it is discharged/ determined by the CMD, BHEL.

Section 10 - Other Provisions

- 10.1 This agreement is subject to Indian Laws and jurisdiction shall be registered office of the Principal, i.e. New Delhi.

- 10.2 Changes and supplements as well as termination notices need to be made in writing. Side agreements have not been made.
- 10.3 If the Contractor is a partnership or a consortium, this agreement must be signed by all partners or consortium members.
- 10.4 Should one or several provisions of this agreement turn out to be invalid, the remainder of this agreement remains valid. In this case, the parties will strive to come to an agreement to their original intentions.
- 10.5 Only those bidders / contractors who have entered into this agreement with the Principal would be competent to participate in the bidding. In other words, entering into this agreement would be a preliminary qualification.

For & On behalf of the Principal

(Office Seal)

Place-----

Date-----

Witness:_____

(Name & Address) _____

For & On behalf of the Bidder/

Contractor

(Office Seal)

Witness:_____

(Name & Address) _____

sl n	WP	Type	Machine type	specification	Unit	Nos. of vendor for load distribution
1	4143	Conv	Centre Lathe	Swing Over Bed: 1015mm Admit Between Centres: 5000mm	HR	10
2	4223	Conv	Vertical Lathe	Table Dia: 1180mm Max.Turning dia : 1250mm Job Height : 1000mm Job Wt: 4 tons	HR	10
3	4224	Conv	Vertical Lathe	Table Dia: 1500mm Max.Turning dia : 1650mm Job Height : 1100mm Job Wt: 4 tons	HR	10
4	4232	Conv	Vertical Lathe	Table Dia: 2400mm Max.Turning dia : 2600mm Job Height : 1600mm Job Wt: 10 tons	HR	10
5	4233	Conv	Vertical lathe	Max turning dia - 3000mm Dia of table -2500mm Max. Turnin Ht. - 1600mm Max. Wt. of job - 15T	HR	10
6	4241	Conv	Vertical lathe	Table Dia: 4770mm Max.Turning dia : 5300mm Job Height : 3500mm Job Wt: 40 tons	HR	5
7	4291	CNC	Vertical lathe	Table Dia: 1180mm Max.Turning dia : 1250mm Job Height : 1000mm Job Wt: 4 tons	HR	10

8	4292	CNC	Vertical lathe	Table Dia: 1600mm Max.Turning dia : 1700mm Job Height : 1200mm Job Wt: 7 tons	HR	10
9	4293	CNC	Vertical lathe	Table Dia: 2500mm Max.Turning dia : 2800mm Job Height : 2000mm Job Wt: 20 tons	HR	10
10	4294	CNC	Vertical lathe	Table Dia: 4700mm Max.Turning dia : 5300mm Job Height : 4500mm Job Wt: 100 tons	HR	5
11	4310	CNC	Centre Lathe	Max Swing Dia- 460mm Max DBC - 400mm	HR	5
12	4317	CNC	CNC Center lathe	Swing Over Bed: 900mm Admit Between Centres: 5000mm	HR	5
13	4652	Conv	Radial Drill	Drilling Capacity : 50mm Tapping capacity : M56 Max.Drilling Radius : 2350 mm	HR	10
14	4662	Conv	Radial Drill	Drilling Capacity : 100mm Tapping capacity : M100 Max.Drilling Radius : 4470 mm	HR	10
15	4821	Conv.	Table type Horizontal Borer	Spindle Dia : 100mm Rotary Table size :1250x1250 mm Max Job weight: 3 tons X-Axis : 1250 mm Y-Axis : 1120 mm Z-Axis : 1250 mm	HR	10

16	4825	Conv	Table type Horizontal Borer	Spindle Dia : 130mm Rotary Table size :2000x2000 mm Max Job weight: 20 tons X-Axis : 3200 mm Y-Axis : 1500 mm	HR	10
17	4828	Conv	Table type Horizontal Borer	Spindle Dia : 160mm Rotary Table size :2000x2000 mm Max Job weight: 20 tons X-Axis : 3150 mm Y-Axis : 2500 mm Z-Axis : 1250 mm	HR	10
18	4843	CNC	CNC Horizontal Boring Machine	spindle dia.-130mm Vertical Travel of spindle - 2500mm Table size -2200mm x1800mm Horizontal travel of column- 3500mm	HR	10
19	4845	CNC	Floor type Horizontal Borer	Spindle Dia : 180mm Rotary Table size :3000x3000 mm Max Job weight: 60 tons X-Axis :8000 mm Y-Axis : 3500 mm Z-Axis : 1000 mm	HR	5
20	4945	Conv	Slotting machine	Stroke length - 700mm Table diameter. - 900mm	HR	5
21	5288	Conv	Double Column Plano Milling machine	Table size : 1250x3000 mm Admit between columns : 1660 mm Max.Job Height: 1250mm	HR	5
22	5292	Conv	Double Column Plano Milling machine	Table size : 1600x4000 mm Admit between columns : 2060 mm Max.Job Height: 1400mm	HR	6
23	5295	CNC	Gantry Milling and Drilling Machine	spindle dia. - 100mm Bed Size - 2500mm x 5000mm Vertical Travel of drill head- 1500mm	HR	5

24	5326	CNC	Vertical Machining Centre	Table Size : 1000x1000 Max Job weight: 3 tons X-Axis :2000 mm Y-Axis : 1000 mm Z-Axis : 500 mm	HR	5
25	5538	Conv	Cylindrical Grinding Machine	Distance between Center - 6000mm Center Height - 300mm	HR	5

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Annexure VI

Vendor Name:

The Bidder declares that they will not enter into any illegal or undisclosed agreement or understanding, whether formal or informal with other Bidder(s). This applies in particular to prices, specifications, certifications, subsidiary contracts, submission or non-submission of bids or any other actions to restrict competitiveness or to introduce cartelization in the bidding process.

In case, the Bidder is found having indulged in above activities, suitable action shall be taken by BHEL as per extant policies/ guidelines.

Signature and stamp of the authorized personnel

INDEMNITY BOND FOR FREE ISSUE MATERIAL

(To be executed and notarized on Non-Judicial Stamp Paper of Rs. 200/- for Telangana)

This Deed of Indemnity executed on the _ day of _____ (Month) 2024 by

_____ having its registered office at _____ which expression shall mean and include its successors, administrators and assigns (hereinafter called the "first party" also called as "The Contractor")

in favour of

M/s Bharat Heavy Electricals Limited (a Government of India Undertaking incorporated under the companies Act 1956, having its registered office at BHEL House, Siri Fort, New Delhi- 110 049 through its Unit Ramachandrapuram, HYD , Telangana- 502032 which expression shall mean and include its successors, administrators and assigns (hereinafter called the "Second Party" also called as "The Customer").

Whereas M/s Bharat Heavy Electrical Limited has entered in to a contract Ref _____ with M/s _____ for supply for free issue material on the terms and conditions as set out inter- alia, in the above said Sub-Contract order/various Sub-Contract orders and various documents forming part there of hereinafter collectively referred to as the "Said Contract" which expression shall include all amendments, modifications and / or variation thereto.

AND WHEREAS the customer has agreed to supply to the contractor major portion of raw materials / components etc. for the purpose of execution of the said contract by the contractor (the raw materials/ components etc.) to be supplied by the customer to the contractor hereinafter for the sake of brevity referred to as the "Said Materials" shall be under the custody and charge of the contractor and shall be kept, stored, altered, worked upon, machined at the sole risk and expense of the Contractor.

Now Therefore in consideration of the pre- condition to the supply of the said materials by the Customer to the contractor, the Contractor hereby irrevocably and unconditionally undertake to INDEMNIFY and keep indemnified the customer from and against all loss , damage and destruction (inclusive but not limited) to any or all loss or damage and destruction to or of the said materials or any item or part thereof by theft, pilferage, fire, flood, storm, tempest, lightening, explosion storage, chemical or physical action or reaction, bending, warping, exposure, resting, faulty workmanship, machining or faulty method or technique of machining, strike, riot, civil connection or other act or omission or commission whatsoever within or beyond the control of the Contractor, misuse and misappropriation (Inclusive but not limit to misuse or misappropriation by the contractor and the contractor's servant and or agents) Whatsoever to or of in the said materials or any part of item thereof from the date that the same or relative part of item thereof was supplied to the Contractor up to until the date of return to the Purchaser of the said material or relative part of item thereof or completed construction works incorporating the said material and undertake to pay to the customer forthwith on demand in writing without

protest or demur the value as specified by the Customer of the said material or item or part thereof lost , damaged, destroyed, misused and / or misappropriated, as the case may be , together with the Customers costs and expenses (inclusive of but not limited to handling, transportation, cartage, insurance freight, packing and inspection costs/ or expenses) upto and aggregate limit of **Rs. _____/- (Rupees _____ only)** and/or additional value of material, if supplied to contractor.

1. The indemnity/ Undertaking shall be a continuing/ Undertaking and shall remain valid and irrevocable for all claims of the purchaser arising hereunder upto and until the midnight of _____(Date) However, if the Contract for which this Indemnity/ Undertaking is given is not completed by this date Contractor hereby agrees to extend the Indemnity/ Undertaking till such time as is required to fulfill the Contract.
2. This indemnity/ Undertaking shall not be determined on change of constitution or insolvency of the Contractor but shall be in all respects and for all purpose be binding and operative until payment of all moneys payable to the Customer in terms hereof.
3. The mere statement or allegation made by or on behalf of the customer in any notice or demand or other writing addressed to the contractor as to any of the said material or item or part thereof having been lost, damaged, destroyed, misused or misappropriated while in the custody of the contractor and / or prior to completion of the completed machining works and handing over the completed job thereof incorporating the said materials shall be conclusive of the factor of the said material or item or part thereof having been supplied to the Contractor and / or the loss, damage, destruction, misuse or misappropriation thereof, as the case may be , while in the custody of the Contractor and / or prior to the completion of the machining/processing works and handing over the completed job thereof incorporating the said materials without necessity on the part of the customer to produce any documentary proof or other evidence whatsoever in support of this.
4. The amount stated in any notice of demand addressed by the customer to the Contractor as to the value of such said materials lost, damage, destroyed, misused or misappropriated, inclusive relative to the costs and expenses incurred by the Customer in connection therewith shall be conclusive of the Value of such said materials and the said cost and expenses as also of the amount liable to be paid to the customer without producing any voucher, bill or other documentation or evidence whatsoever in support thereof.

The undersigned has full power to execute this indemnity bond on behalf of the Contractor under the capacity as Chairman & Managing Director/ owner/partner of the Company.

Place :

Date:

Witnesses

For (Co. name) _____

1. **Signature**

Signature.....

Name

(Name, sign & seal of Co.)

Address.....

2. **Signature**

Name

Address.....

(On the letterhead of the Chartered Accountant)

NET WORTH CERTIFICATE

The net worth should be computed either as per the format given below:

Paid up Capital *	
Net worth calculated as follows:	
Paid up Capital	
Add: Reserve & Surplus (excluding revaluation reserves)	
Less: Accumulated losses if any -	
Less: Miscellaneous Expenditure -	
Total Net worth	

* Give details of capital issued after the date specified above.

This is to certify that the net worth of M/s as on Is Rs..... (In Words).

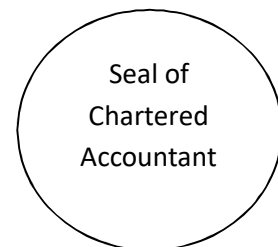
It is further to certify that the computation of net worth is based on my/our scrutiny of the books of accounts, records and documents, is true and correct to the best of my/our knowledge and as per information provided to my/our satisfaction.

Name:

Place:

Date:

For
Chartered Accountant



Name:

M No.:

PAN

ENQUIRY NO: HY/CMM/HMS&MMS/2023-24

PART B :PRICE BID FORMAT

Sl	WP	Machine Type (CONVENTIONAL /CNC)	Description	Basic Spec	Unit of Measur ement	Quantity	Price per unit	Price per unit in words
1	4143	Conv	Centre Lathe	Swing Over Bed: 1015mm Admit Between Centres: 5000mm	HR	15335		
2	4223	Conv	Vertical Lathe	Table Dia: 1180mm Max.Turning dia : 1250mm Job Height : 1000mm	HR	18094		
3	4224	Conv	Vertical Lathe	Table Dia: 1500mm Max.Turning dia : 1650mm Job Height : 1100mm Job Wt: 4 tons	HR	6569		
4	4232	Conv	Vertical Lathe	Table Dia: 2400mm Max.Turning dia : 2600mm Job Height : 1600mm Job Wt: 10 tons	HR	27660		
5	4233	Conv	Vertical lathe	Max turning dia - 3000mm Dia of table -2500mm Max. Turnin Ht. - 1600mm Max. Wt. of job - 15T	HR	2484		
6	4241	Conv	Vertical lathe	Table Dia: 4770mm Max.Turning dia : 5300mm Job Height : 3500mm Job Wt: 40 tons	HR	3065		
7	4291	CNC	Vertical lathe	Table Dia: 1180mm Max.Turning dia : 1250mm Job Height : 1000mm Job Wt: 4 tons	HR	428		
8	4292	CNC	Vertical lathe	Table Dia: 1600mm Max.Turning dia : 1700mm Job Height : 1200mm Job Wt: 7 tons	HR	13580		
9	4293	CNC	Vertical lathe	Table Dia: 2500mm Max.Turning dia : 2800mm Job Height : 2000mm Job Wt: 20 tons	HR	12191		
10	4294	CNC	Vertical lathe	Table Dia: 4700mm Max.Turning dia : 5300mm Job Height : 4500mm Job Wt: 100 tons	HR	1014		
11	4310	CNC	Centre Lathe	Max Swing Dia- 460mm Max DBC - 400mm	HR	2200		

12	4317	CNC	CNC Center lathe	Swing Over Bed: 900mm Admit Between Centres: 5000mm	HR	1609		
13	4652	Conv	Radial Drill	Drilling Capacity : 50mm Tapping capacity : M56 Max.Drilling Radius : 2350 mm	HR	5853		
14	4662	Conv	Radial Drill	Drilling Capacity : 100mm Tapping capacity : M100 Max.Drilling Radius : 4470 mm	HR	11073		
15	4821	Conventional	Table type Horizontal Borer	Spindle Dia : 100mm Rotary Table size :1250x1250 mm Max Job weight: 3 tons X-Axis : 1250 mm Y-Axis : 1120 mm Z-Axis : 1250 mm	HR	15428		
16	4825	Conv	Table type Horizontal Borer	Spindle Dia : 130mm Rotary Table size :2000x2000 mm Max Job weight: 20 tons X-Axis : 3200 mm Y-Axis : 1500 mm Z-Axis : 1300 mm	HR	26758		
17	4828	Conv	Table type Horizontal Borer	Spindle Dia : 160mm Rotary Table size :2000x2000 mm Max Job weight: 20 tons X-Axis : 3150 mm Y-Axis : 2500 mm Z-Axis : 1250 mm	HR	16550		
18	4843	CNC	CNC Horizontal Boring Machine	spindle dia.-130mm Vertical Travel of spindle - 2500mm Table size -2200mm x1800mm Horizontal travel of column- 3500mm	HR	3572		
19	4845	CNC	Floor type Horizontal Borer	Spindle Dia : 180mm Rotary Table size :3000x3000 mm Max Job weight: 60 tons X-Axis :8000 mm Y-Axis : 3500 mm Z-Axis : 1000 mm	HR	3003		
20	4945	Conv	Slotting machine	Stroke length - 700mm Table diameter. - 900mm	HR	350		
21	5288	Conv	Double Column Plano Milling machine	Table size : 1250x3000 mm Admit between columns : 1660 mm Max.Job Height: 1250mm	HR	2287		
22	5292	Conv	Double Column Plano Milling machine	Table size : 1600x4000 mm Admit between columns : 2060 mm Max.Job Height: 1400mm	HR	746		
23	5295	CNC	Gantry Milling and Drilling Machine	spindle dia. - 100mm Bed Size - 2500mm x 5000mm Vertical Travel of drill head- 1500mm	HR	1843		

A pre bid Meeting will be scheduled on 19.07.2024(2 PM onwards) by Online Mode.

All bidders may kindly join with the details of meeting given below:

Microsoft Teams

Meeting ID: 435 190 491 70

Passcode: 7WwwZ9

Join on a video conferencing device

Tenant key: teams@bhel.onpexip.com

Video ID: 134 094 212 8