TERMS AND CONDITION FOR RATE CONTRACT OF ROUGH MACHINING OF FORGINGS

1. TYPE OF FORGINGS FOR SUB-CONTRACTING.

Rate contract shall be done for "Single Piece forging weight up to 10 MT" with Ni≤ 0.5%.

2. SCOPE OF WORK:

- a) Rough machining of Forgings (Ni≤ 0.5%) on Lathe and/or Vertical Turning Lathe (VTL) for forgings as mentioned above. Operation will include turning, boring, drilling, parting, TP cutting etc.
- b) Rough Machining of Bore (Blind bore or Through bore)
- c) Rough Machining of Multiple Items from single Forgings (Multiple items will be from either in length or in bore of single Forgings). From forgings like Upper Journal Housings, Bearing Shell, Half Ring, Ring etc., suitable size shaft/round/Ring type jobs may be asked to be taken out from the inner diameter of the forging.
- d) Intermediate rough machining, before final machining, for ultrasonic testing and transportation of forging to CFFP & back for inspection if required.
- e) Intermediate rough machining, before final machining, for Test piece or repeat test piece cutting. In case of testing failure, forging has to be returned back to CFFP without further machining.
- f) Transportation of test piece/s to CFFP.
- g) Transportation of Forging to and fro from CFFP and sub-contractor's end.
- h) Returning of stock/s to CFFP.
- If dimension fall short during any stage of machining or before start of machining, then
 return back the forging without further machining. In case forging is further machined to
 delivery size without prior permission then it will be considered rejection at subcontractor's end.
- j) If cracks appear during machining, then 1st assess the depth and length of crack and the take prior permission for further machining. In case forging is machined to final dimension without prior permission, then rejection will be considered at sub-contractor's end.

3. PRE-QUALIFICATION CRITERIA

- a) Only those Bidders are required to quote in this tender whose factory / workshop is located within the radius of 80 KM from CFFP, BHEL Haridwar.
 - Offer of those bidders whose works are beyond the radius of 80 KM from CFFP, BHEL Haridwar will be ignored.
- b) Vendor must have the machining facility for jobs as per clause 1 & 2 above. Vendor to confirm.
- c) **Minimum Experience:** Vendor should have previous experience of machining of jobs having minimum dia 400 mm (forging size) from 01.04.2019 till the tender opening date. Documentary evidence like machining order, accepted inspection certificate and challan / invoice for minimum 2 jobs to be submitted along with offer.
- d) Machining capacity: Vendor has to submit their total Chip Removal Capacity by weight per month. Vendor is required to have minimum Chip removal capacity by weight of 15 MT per Month.

Chip removal capacity of the vendor shall be assessed by technical committee of CFFP. For assessment purpose, chip removal capacity of lathe of minimum chuck dia 600mm shall be taken as 12 MT per month.

Hence vendor must have at least two lathes of minimum chuck dia 600 mm suitable for holding job of minimum 400 mm dia (forging size).

e) **Machine Loading capacity:** Vendor must have at least one lathe having machine loading capacity of minimum 10 MT. Machine loading capacity shall be assessed by technical committee of CFFP.

Assessment shall be based on the 'Swing over Carriage' (D, in mtr) and 'Distance between Centers' (L, in mtr). Value of product D^2 and L ($D^2 \times L$) shall be calculated. Machines having $D^2 \times L \ge 1.62$ shall be considered having Job loading capacity more than 10 MT.

- f) Vendor has to submit following details of facilities of their Plant.
 - i) Number of machine/s available for rough machining of forging.
 - ii) Detailed Technical Parameter
 - a. Lathes- Swing over carriage, swing over bed, admittance between centers, Max load capacity, Availability of Taper turning attachment, availability of steady rest. Details of forging handling facility, like Crane, cutting facility etc, with technical parameter and capacity by Weight.
 - b. Vertical Boring Machine- Table dia, Max Job dia, Max height of job, Max load capacity, Max head angular tilt, Make and model of Machine

g) Vendor should have valid income tax registration (valid PAN Number) & should have submitted income tax return for the financial year 2020-21 (assessment year 2021-22). Vendor should have valid active GSTN.

4. ALLOWABLE NUMBER OF VENDORS AND SPLITTING OF CHIP REMOVAL LOAD:

Contract will be entered with as follows:

When total number of participated qualified techno commercially accepted vendor are equal or more than 21, then Contract shall be finalized with first 18 vendors (on the basis of their rank in comparative statement of final offered rates) who accept L1 rates.

- a) When total number of participated qualified techno commercially accepted vendor is between 10 to 20 numbers, then Contract shall be finalized with "N minus Three (N-3)" vendors (on the basis of their rank in comparative statement of final offered rates) who accept L1 rates.
- b) When total number of participated qualified techno commercially accepted vendor is 9 numbers, then Contract shall be finalized with "N minus two (N-2)"-vendors (on the basis of their rank in comparative statement of final offered rates) who accept L1 rates.
- c) When total number of participated qualified techno commercially accepted vendor is between 3 to 8 numbers, then Contract shall be finalized with "N minus one (N-1)" vendors (on the basis of their rank in comparative statement of final offered rates) who accept L1 rates.
- d) When total number of participated qualified techno commercially accepted vendor is less than 3, decision shall be taken with approval of competent authority.
 - N = Number of qualified techno commercially accepted vendor.

The distribution of Chip removal load will be as per the following table.

TABLE-1

Distribution for category 1 (Single Piece forging weight up to 10 MT)

SL No.	Bidder	Percentage (%) allocation of total chip removal load	Expected total Chip removal load (MT)
1	L1	15%	1000 MT
2	L2	12%	
3	L3	8%	
4	L4 to L13	5%	
5	L14 to L18	3%	

Note:

Maximum possible number of allowed vendors is 18 numbers.

- a) In case of number of qualified techno commercially accepted vendor at L1 rate is less than 18, balance quantity will be distributed equally among balance vendors.
- b) % allotment may vary slightly from the above mentioned values depending upon load, different chip weights generated, etc.
- c) UoM for tender enquiry is quantity of Chip removal during machining. This rate contract shall be for maximum 1000 MT chip removal. However, no guarantee can be given regarding minimum quantity to be ordered through this rate contract. Quantity allotted will be at the sole discretion of CFFP, BHEL. CFFP, BHEL will enter contract with multiple sub-contractors & quantity will be distributed among successful sub-contractors as per above mentioned percentage allocation and loading criteria mentioned at clause 17 of Annexure A.

5. PRICE BID QUOTATION:

c. Rates are to be quoted for rough machining charge, as per scope of work at Clause-2, on per kg chips removal basis. Price is to be quoted as per the following table in BOQ attached with tender enquiry:

TABLE-2

Category		Offer Rate	
		(Gross Machining charges Rs./Kg of Chip removal as per scope in clause 2)	
1	Single Piece forging weight up to 10 MT		

d. For jobs where weight of total chips removed is more than 50% of offered forge weight, than to bring parity in rates with other items being machined, 10 % lower rate will be paid to sub-contractor from their normal quoted rate of respective category i.e. if quoted rate as per clause 5.a is "A" for per kg chips removal then the rate for machining of such jobs (with chips > 50% of forging weight) will be 0.90xA.

6. SCRAP CONTAINING LESS THAN 0.5 % NICKEL:

- 6.1 Rate of Scrap for valuation purpose of scrap retained by sub-contractor will be as applicable on date of lifting of job. However, the date of sale will be considered as date on which material is received back against a particular sub-contracting order. Hence, applicable rate of GST on value of scrap will be as on date on which material is received back against a particular sub-contracting order. Payment of taxes & duties, billing and recovery of same from sub-contracting bills will be done accordingly. Chips retained by Sub-contractor will be treated as sold to them by CFFP. Accordingly, all duties & levies (like GST or any tax made applicable by State Govt & Govt of India at that time) shall be paid by CFFP & will be recovered from sub-contractor.
- 6.2 The difference in issued weight and returned weight of finished item/s with stock will be treated as chips generated & retained by the sub-contractor.
- 6.3 Scrap rate will be calculated as below:
- a) The scrap rate will be calculated based on the monthly average market scrap price posted on JPC web site under category of scrap HMS II, applicable for Delhi region. JPC rates are issued on fortnightly basis. First fortnight (1st to 14th) hereby called "a" and second fortnight (15th onward) hereby called "b".
- b) Monthly average of previous month shall be applicable for succeeding month. Month will start from 1st day of calendar month. MSTB chips rate are 0.875 times of JPC-HMS2 rates based on inference drawn from relation between MSTC rates & JPC HMS2 rates of Delhi region.
- c) In case JPC rates of one fortnight is not available, then rate of remaining fortnight of that month shall be considered i.e if rates of "a" are not available then rates of "b" shall be applicable and if rates of "b" are not available then rates of "a" shall be applicable.
- d) In case JPC rates of both the fortnights i.e "a" as well as of "b" are not available, then last available rates of previous month(rates of "b" and in case rate of "b" are not available then of "a") shall be applicable.
- e) Scrap rate shall be revised every calendar month.
 - For this purpose, the months for calculation and their applicable month will be like as given below for clarity: -

Average price of JPC Bulletin for the month:

- a) December Applicable for the material issued in the month January.
- b) January Applicable for the material issued in the month February
- c) February Applicable for the material issued in the month March.
- d) March Applicable for the material issued in the month April so on.

The calculated average monthly price, rates will be rounded off upto two decimal points.

Example:

Calculation of Scrap rate (Ni \leq 0.5%) for September 2022:

JPC Market Prices (Retail)		Monthly	HMS-II Price	Monthly Avg. MSTB	
for Melting Scrap HMS-II		Average	excluding	Chips Rate excluding	
(Inclusive of GST)		Price of JPC	GST (18 %)	GST	Applicable Month
Price as on	rice as on Price		(R*)	(As per rate contract:	
		(S)		87.5% of R) (in Rs/MT)	
5th August'22	50980	51335	43504	38066	Septembert'2022

7. RATES AND VARIANCE CLAUSE:

- 7.1 Rates are to be quoted for rough machining charge on per kg chips removal basis as per as per TABLE-2 and Calculation of Net Rough Machining Cost (after deduction of scrap value) formulae given at clause 7.2 below.
- 7.2 Sub-contractor has to quote rate for per Kg chips removal i.e value of **A** in the relationship given below. Quoted price for machining charge will have following relation with payable rate:

X = A - B

A = Quoted price by Sub-contractor for per Kg of chips removal. This will remain constant throughout the contract period.

B = B1 + GST on scrap + Any other duty on retained chips

- **B1** = Scrap rate for Non-Nickel Scrap as per calculation based on JPC rates as detailed in clause 6.3.
- **X** Will be the amount either to be paid by CFFP or will be paid by Sub-contractor to CFFP for per kg of chips removal. Payment to sub-contractor or recovery will depend on the monthly rates of Scrap as per clause 6.3 for non-nickel scrap.

Billing by sub-contractor will be on A.

7.3 The chips retained by the Sub-contractor shall be treated as sale of chips by CFFP, BHEL. Sale invoice will be provided to Sub-contractor from CFFP, Finance as per clause 8.2.

8. RECTIFICATION AND PENALTY AGAINST WRONG MACHINING OF FORGING:

Any defect (noticed at shop) arising out of the wrong machining done by Sub-contractor shall have to be rectified within 15 days by the Sub-contractor at their own cost. However, in case the sub-contractor fails to rectify the defects or if that are beyond rectification, action as deemed fit, on case to case basis, shall be taken.

The penalty decided by CFFP will be final & binding to sub-contractor. The broad guidelines for penalty/recovery for rejection of items at subcontractor's end shall be as under:

- a) When wrongly machined forging is accepted by CFFP's customer: Penalty/Recovery: 10% of subcontractor PO value (inclusive of Scrap Value) is to be deducted for the deviated item which was accepted by customer.
- b) When wrongly machined forging is rejected: Penalty/Recovery: Payment not to be made for the rejected item. If any amount has been paid to the subcontractor for rejected item, it has to be recovered. Also, 100% of subcontractor PO value (inclusive of Scrap Value) of the rejected item shall be recovered as penalty. Action as per Suspension of Business Dealings with Vendors as per extant guidelines of BHEL will be considered.

Note:

In case of multiple machined items from single forging, the subcontractor PO value (inclusive of Scrap Value) of individual machined item will be based on their proportional machined delivery weight w.r.t. single forging's (un-machined) weight.

Apart from above, in case wrong machining is noticed for more than 2 POs, Rate Contract will be terminated with the contractor for the rest of the period. Apart from terminating contract, action as deemed fit as per company policy will be taken against sub-contractor.

9. VALIDITY:

The contract shall remain valid for a period of One years from the date of award of contract with the option to extend the contract by 3 months at the discretion of BHEL. In the events of 3 months' extension, no subsequent acceptance from sub-contractor shall be obtained. BHEL reserves the right for short closing the contract, performance monitoring and quality surveillance at sub-contractor's end. BHEL reserves the right to terminate the contract, at any time, without assigning any reason by giving notice of 15 days to this effect. The contract can be awarded, simultaneously, in full or in part, to more than one sub-contractor or for shorter period.

10.LOAD:

The total estimated weight of chip removal will be approximately 1000 MT.

Quantity can vary on either side. No minimum guarantee of quantity allotment against this rate contract can be given. Quantity allotted will be at the sole discretion of CFFP, BHEL. CFFP, BHEL will enter contract with multiple sub-contractors & quantity will be distributed among successful sub-contractors.

11.TRANSPORTATION:

The material shall be handed over to & received from sub-contractor at F.O.R CFFP basis. Sub-contractor has to arrange their own arrangement for to & fro transportation. Loading & Unloading of material will be done free of cost at CFFP for the Sub-contractor. Incase material is dispatched by CFFP or transported by CFFP from Sub-contractors works back to CFFP, actual cost incurred will be charged from Sub-contractor. The actual cost incurred shall be decided by CFFP, BHEL which shall be final and binding upon the Sub-contractor and shall not be called in question.

- 11.1 Movement of tractor, trolley & vehicles within factory premises is to be regulated as per rules & avoided during peak traffic hours.
- 11.2 Sub-contractor will be fully responsible for transportation of material to & from CFFP and also for the period material is lying with them for any theft or damage to the material or for damage to third party.

12. DELIVERY SCHEDULE & PENALTY AGAINST LATE DELIVERY:

12.1 Delivery schedule shall be as follows: -

S.No.	Number of pieces to be returned after Machining (excluding stock)	Delivery from the date of lifting (Week)
1	Up to 4	3
2	5 to 8	4
3	More than 08	5

Delivery after machining in shortest period is very important. Preference in allotment of jobs will be given to Sub-contractors having faster delivery. However it will not be sole criteria for allotment of jobs.

- 12.2 Failing to delivery schedules, standard LD/Penalty clause will be applicable (@ 2% per week subject to max. 10% of total machining charges. The exit & entry date mentioned on challan at BHEL material Gate will be taken as material issue & receipt date. To complete the delivery, all material including stock as per S C Order, to be returned for completion of order.
- 12.3 In case value of scrap to be retained by subcontractors as per weights mentioned in order is higher than the machining charges of the order (including impact of taxes & duties), Sub contractor need to deposit the negative amount within 3 working days in CFFP bank account and lift the job within 5 days. If job is not lifted within 5 days from Order date, then date of order shall be considered as reference date for calculation of delivery period and LD shall be calculated accordingly if applicable.
- 12.4 In case of delays or non fulfillment of any other terms & condition given in Sub-Contracting Order, CFFP, BHEL may cancel the order in full or part thereof and get the job executed through some other agency or CFFP may execute the job itself. The difference on cost incurred by BHEL will be recovered from Sub-contractor. Repetition may lead to action as per company policy.
- 12.5 As per existing rule of GST, all material sent for machining shall be returned back before 365 days. In case CFFP, BHEL has to incur any additional cost by way of (a) Payment of GST on full value of job (b) interest on GST amount due to failure on Subcontractor account, it will be recovered from them. Any change in this rule by Govt. of India from time to time will be applicable.
- 12.6 Sub-contractor should lift the material within next two working days of the issue of subcontracting order. Failing to lift the material within specified period without valid reason may result in cancellation of the subcontracting order. In case of cancellation of two order, attributable to vendor, sub-contractor will not be considered for further allotment of job for machining for one month.
- 12.7 After inspection of job at Sub-contractors works, material must be delivered back to CFFP within next 2 working days.

13. INSPECTION:

- 13.1 Inspection will be done at Sub-contractor's works before delivery of item. Sub-contractor will give inspection call with dimensional report & other relevant details like S C Order no, Forge / SI no of item for inspection etc to CFFP QC. Accordingly QC will depute inspector for inspection at Sub-contractors works.
- 13.2 All facilities, equipment, calibrated instruments and standard gauges required for inspection shall be provided by the Sub-contractor during inspection.
- 13.3 Identification marks shall be punched on each item by sub-contractor as following-

- a) Forge no. to be punched at the face of the job surrounded with rectangular box of blue colour
- b) In case of the shaft type jobs, forge no. to be punched at both the faces surrounded with rectangular box of blue colour.
- c) forge number also to be written by blue paint along with metal punching for better segregation with machine shop jobs.
- d) All PQT jobs to marked as PQT at the face of the job.
- 13.4 If job not found ready for inspection on deputation of inspector, this will adversely affect the performance index of sub-contractor & shall affect further allotment of jobs.

14. PAYMENT TERMS:

- 14.1 A. 100% payment will be made to the Micro & Small Enterprises (MSEs) sub contractor within 45 days after receipt; subject to acceptance of material at CFFP / BHEL, Haridwar through e-payment by the Buyer. B. 100% payment will be made to the Medium Enterprises sub contractor within 60 days after receipt; subject to acceptance of material at CFFP / BHEL, Haridwar through e-payment by the Buyer. C. 100% payment will be made to the Non MSME sub contractor within 90 days after receipt; subject to acceptance of material at CFFP /BHEL, Haridwar through e-payment by the Buyer.
- 14.2 For MSEs (covered under MSME Act) which are registered and periodically renewed with BHEL, the payment will be made as prescribed in the relevant act.
- 14.3 Adherence to the above time schedule of payment is contingent upon Vendor complying with GST Rules w.r.t availment of Input Tax Credit by BHEL.
- 14.4 In case GST credit is delayed / denied to BHEL, due to non / delayed receipt of goods and / or tax invoice or expiry of the timeline prescribed in GST Law for availing such ITC, or any other reason not attributable to BHEL, GST amount shall be recoverable from Vendor along with interest levied / leviable on BHEL.
- 14.5 In case of rejection the cost decided by CFFP will be final & binding to sub-contractor.
- 14.6 Sub-contractor will have to deposit in advance, all the charges recoverable from them before lifting of material for machining.
- 14.7 Payable amount shall be calculated on the basis of chips to be removed (machined off). Weight given by CFFP shall be final in this regard. However incase of any dispute on weight of forging & machined item weight, it will be weighed at CFFP weigh-bridge & that will be treated as final.
- 14.8 Any penalty imposed will be deducted from the bills or deposit of the sub-contractor.

15. MACHINING AND MATERIAL RETURN INSTRUCTIONS:

- 15.1 Sub-contractor must inspect the job allotted for machining before lifting for size, cracks etc. Incase the job could not be loaded on machine due to black spot or variation of size etc, no machining & transportation charges will be paid to Sub-contractor.
- 15.2 In case of cracks / black spots are noticed, while machining, the same should be brought to the notice of CFFP, BHEL and further machining should be stopped immediately till a decision, in writing, is given by CFFP, BHEL.
- 15.3 In case of partial machining (i.e machined partially) either due to cracks or ultrasonic failure, proportionate machining charges (i.e. for the chips removed) will be paid. Decision given by CFFP, BHEL will be final and binding on Sub-contractor.
- 15.4 Sub-contractor will have to follow all the instruction given on order & on drawing attached with the order. In case of any doubt, same shall got to be clarified by the Sub-contractor at all stages of machining.
- 15.5 Sub-contractor to return the material after inspection to Machine shop / Forge shop as required. Stock, if any, as per S C order must be returned by the Sub-contractor with the job.
- 15.6 No gas cutting or welding is permissible on the forging under any circumstances. If found, action as deemed fit will be taken against the Sub-contractor.

16.BANK GUARANTEE / INDEMNITY BOND:

The Sub-contractor has to submit a suitable Bank-Guarantee or FDR of scheduled Bank of BHEL and Indemnity Bond as required by CFFP, BHEL. All Bank Guarantee/Indemnity Bond shall be in favor of CFFP, BHEL, Hardwar. BHEL reserve the right to ask for the Bank Guarantee / Indemnity Bond for increased amount depending upon the material availability with the Sub-contractor from time to time. Bank Guarantee & Indemnity Bond shall be valid for the contract period till the return of last job allotted for machining. In case of lapses, CFFP, BHEL reserve right to take appropriate step to recover job with the sub-contractor.

All subcontractors with whom rate contract is finalized need to ensure that B.G. (Bank guarantee) or F.D.R. (Fixed deposit receipt) pledged to BHEL (basic amount) of Rs. 1 Lakh from BHEL consortium bank and indemnity Bond of Rs. 100 Lakhs is available with CFFP, BHEL, Haridwar.

In addition to above, additional B.G. (Bank guarantee) or F.D.R. (Fixed deposit receipt) pledged to BHEL (basic amount) for Rs 4 lac and indemnity bond of Rs. 30 Lakhs to be submitted by L1, L2 & L3 vendors of this rate contract.

17. LOADING CRITERIA OF SUB-CONTRACTOR:

Generally, the job allotment shall be based on following: -

- Type of machine tool required for a job and availability of relevant machine tools with sub-contractor at the time of allotment. Sub-contractor shall submit a weekly machine loading chart of all machine tools reserved for CFFP. Feedback of BHEL representative after visit to subcontractor works for job monitoring shall also be taken into account.
- ii) Total no. of jobs (including castings of CFFP) pending with sub-contractor (existing load from CFFP on subcontractor) and jobs delayed by sub-contractor at the time of allotment.
- iii) Total No. of machine tools (verified by CFFP against the list provided by the subcontractor at the time of tender and also those machines added during the contract period as informed by subcontractor and verified by CFFP, BHEL) in working condition and other facilities like crane, Generator etc. installed at subcontractor works.
- iv) No. of machine tools available at the time of allotment based on point no. (i), (ii) & (iii).
- v) Delivery requirement and ultimate delivery commitment to our customer/ urgency.
- vi) Delivery performance of sub-contractor in the past based on actual delivery vis a vis contractual delivery. Subcontractors with faster delivery shall be given preference along with supplier performance rating (SPR).
- vii) Performance with regard to machining of tooling type of items like low scrap items/ drilling items/ parting items/ profile items etc.
- viii) Performance in machining of castings on available machining capacity and Subcontractors having heavy machines & handling facilities.
- ix) Total capacity vs machining capacity made available to CFFP. Subcontractors giving priority to CFFP jobs will be preferred.
- x) Loading preference to L-1 and other vendor will be as per Table-1. However, CFFP reserves its right of allotment to other Sub-contractors to meet its delivery requirement. Also CFFP will re-assess the capacity from time to time during the contract for availability & operation of the equipment / machines which have been considered for initial capacity assessment of the vendor. Initial assessment will be done before price bid opening.
- xi) It may not be possible to load all machines of all Sub-contractors all the time. The quantum of available jobs varies throughout the year. Allotment of available jobs shall be made to eligible sub-contractors under relevant job categories.

Allotment of job to any Sub-contractor is the sole prerogative of CFFP, BHEL & no representation in this regard shall be entertained.

18. GENERAL:

- 18.1 Total work i.e. transportation, handling, machining etc is to be carried out by subcontractor at his own risk, finance, tools, machinery, human resources & supervision.
- 18.2 The material and supporting aids etc issued to sub-contractor as free issue for machining operations shall remain the property of CFFP, BHEL, Hardwar. The sub-contractor shall use these only for CFFP, BHEL contract and for no other purpose whatsoever. The sub-contractor shall be liable for loss or damage to these from whatsoever cause. All the materials of CFFP, BHEL Hardwar shall under no circumstances be hypothecated to any Bank or any lending agency or to any party whatsoever. It should not also be shown as the sub-contractor's assets in any of the statements of sub-contractor to any party.
- 18.3 No further sub-contracting to third party or sister concern by the sub-contractor is allowed without prior permission of CFFP, BHEL.
- 18.4 The rate contract is also subject to CFFP, BHEL, Hardwar's general terms & conditions (of enquiry terms & conditions and sub-contract order terms & conditions issued to sub-contractor).
- 18.5 CFFP, BHEL reserves the right to suspend / cancel the rate contract unilaterally without any financial repercussions, if sub-contractor's performance is not found satisfactory.
- 18.6 CFFP, BHEL will have the right to go for risk purchase clause i.e. CFFP, BHEL may get the machining done of such items from elsewhere / alternative source at the risk and cost of sub-contractor.
- 18.7 CFFP, BHEL reserve the right to revise the drawing after placement of S C Order. Any impact on the quantum of chips to be removed will be accounted for.
- 18.8 CFFP reserve its right to call back chips (turning & boring) as & when required. In this case, the rate of scrap as detailed at clause 6 will be paid to sub-contractor.
- 18.9 Sub-contractor will submit a total list of machines & instruments with capacities & handling facilities available with them with the offer. CFFP, BHEL reserve the right to verify the list submitted by sub-contractor.
- 18.10 Sub-contractor will submit a copy of this document with their offer with signature & seal on every page as proof of acceptance of these terms & condition.

- 18.11 Report & details as required by sub-contracting cell, from time to time, will be submitted by sub-contractor without fail & in timely manner or else action, as deemed fit will be taken against the sub-contractor.
- 18.12 Sub-contractor must observe / follow/ adhere to all State / Central Govt. Acts / Rules / Regulation in all aspect of operation of the contract. CFFP, BHEL shall not be liable for any fault by Sub-contractor.
- 18.13 All statutory requirements under Minimum Wages Act 1948, Payment of wages Act 1936, Workmen compensation act 1923, EPF & MP Act 1952, Payment of Gratuity Act 1970, Payment of Bonus Act 1965, Income Tax Act, GST Act and all other applicable Acts shall be complied with by the contractor.
- 18.14 Sub-contractor shall comply with all statutory requirements, rules, regulations, notifications in relation to employment of his employees issued from time to time by concerned authorities.
- 18.15 Sub-contractors must follow all environment laws & shall take all precautions. All operation of sub-contractors shall be environment complaint.
- 18.16 Sub-contractor to submit Name & address along with contact numbers & email address of the owner of the firm.
- 18.17 In case of any change in partnership/ownership/MOU of company same shall be informed to BHEL immediately with documentary proof. BHEL reserves the right to continue or cancel the rate contract with changed partnership/ownership/company.
- 18.18 In case it has been noticed that sub-contractor has substituted any job issued to them by CFFP then any further allotment under the current rate contract will not be done to the vendor & action as per company policy will be taken against that subcontractor.
- 18.19 Sub-Contractors are required to submit details of running machines Lathes, Vertical Turning Machine & Horizontal Borer which are in running condition. Major machine dimensions are required to be provided on attached sheet by Sub-Contractor. CFFP BHEL reserve its right to verify the equipment. In case of wrong / false information, CFFP BHEL is free to take action as per company policy.

18.20

a. Breaking of Tie for L1 status: In the course of evaluation, if more than one bidder happens to occupy L-1 status, effective L-1 will be decided by soliciting discounts from the respective L-1 bidders. In case more than one bidder happens to occupy the L-1 status even after soliciting discounts, the L-1 bidder shall be decided by a toss / draw of lots, in the presence of the respective L-1 bidder (s) or their representative (s).

b. Breaking of Tie other than L-1 status:

- b.1) In case rates quoted by more than one vendor are same then vendors having higher SPR will be considered above in the raking compared to vendor having lower SPR. SPR as on date of tender opening (1st part) will be taken for consideration.
- b.2) In case vendors are having same SPR then ranking of such bidders shall be decided by a toss / draw of lots, in the presence of the respective bidder (s) or their representative (s)."
- c. First time vendor (new vendor) or vendor who has not executed any CFFP Sub contracting order, their Supplier Performance Rating (SPR) will be treated as Zero.

19. ARBITRATION AND GOVERNING LAW

All disputes or difference of opinion what so ever that may arise between the company and the Sub-contractor upon or in relation to or in connection with the contract, the same shall be referred to sole arbitration of Head of CFFP, BHEL or such other person as nominated by the Head of CFFP. There will be no objection to any such appointment, or award of the Head of CFFP or the arbitrator so appointed. The award shall be final and binding on the company and the sub-contractor. The arbitration proceeding shall be held at BHEL, Ranipur, Hardwar. Work under contract shall continue during the arbitration proceeding, unless otherwise directed in writing by the company or unless the matter is such that the work can not be possibly continued till the decision of arbitration. Provisions of applicable arbitration and conciliation Act. shall apply.

Court at Hardwar shall have sole Jurisdiction in the cases arising out of this contract.

20. GENERAL TERMS & CONDITION OF THE CONTRACT:

- a) The tender documents are not transferable. These documents can be downloaded from BHEL website or obtained by authorized/approved contractors from the office of incharge Sub-contracting on or before tender opening date. In case of any difficulty, duplicate copy can be obtained.
- b) Sealed tender must be submitted in tender room of Material Management, CFFP, BHEL, Hardwar by bonafide contractors. The contractors shall sign each & every page of tender documents before submitting.
- c) The tenders duly filled-in must be submitted till 14.00 Hrs on or before tender opening date in the tender Box of Tender Room of Material Management

- department, CFFP, BHEL, Hardwar. These will be opened on the tender opening day at 14.00 in the presence of tenderer or their authorized representative who wish to be present.
- d) Validity of offer should be for 365 days, for acceptance, from tender opening. However, base rates shall remain valid & firm during the contract period.
- e) Incomplete tender will be ignored, however BHEL reserves the right to reject or accept any or all tenders without assigning any reason.
- f) In case of partnership firm the contractor must furnish copy of partnership deed along with the tender documents. If the tender is being signed by other than the partners the tender should accompany with power of attorney to this effect.
- g) To maintain the fairness in bidding, two or more firms with same ownership or agent cannot participate in same tender. In such cases the BHEL has right to cancel/ reject the offer/ order any stage.
- h) Provide active GSTN / PAN
- i) The sub-contractor shall follow all the rules & regulation of minimum wages, insurance cover of labour, ESI& PF as per rule. BHEL reserves its right to demand any document at any point of time during the execution of contract.
- j) The sub-contractor shall observe all the precautions and safety procedures as required during loading & transportation in factory premises. Also required precaution shall be taken while transportation & operation at their works. Precaution must be taken to ensure that there is no damage or pilferage of the material from CFFP & there is no injury to work man.
- k) The sub-contractor shall take adequate steps to prevent any loss or damage to any materials entrusted to him. The sub-contractor shall be liable to pay, to the company, for the damages due to negligence or *otherwise* in executing the machining work entrusted to him or any other failure or any breach of terms and conditions on the part of the contractor.
- I) If the Sub-contractor neglects work or fails to observe and/or follow any of the terms and condition of the agreement, CFFP, BHEL, may without prejudice to their any other rights, terminate this contract by giving 15 days notice in writing with or without forfeiting the Bank Guarantee & Indemnity Bond of the Sub-contractor. The termination of contract by the CFFP, BHEL shall be without prejudice to the CFFP, BHEL's right to recover from the contractor the cost of completing the work by any other agency.
- m) The Sub-contractor should have sufficient financial resources to meet all expenses & contractual obligation.

- n) The Sub-contractor shall be responsible for fulfilling all legal/statuary requirements along with environmental laws. Any loss to the property (belonging to the sub-contractor or the company) or injury to the staff/labour of the Sub-contractor caused due to any reason will be the sole responsibility of the Sub-contractor. Accordingly, the Sub-contractor is advised to take necessary insurance cover. Any liability of BHEL, arising due to Sub-contractor, his staff/labour, materials being handled by him, will be recoverable from the Sub-contractor. Accordingly, the Sub-contractor shall indemnify the company.
- The Sub-contractor shall ensure valid registration with all the State and Central govt. departments as required by various laws such as ESI, PF etc. & submit copies of the same whenever required.
- p) The Sub-contractor shall pay wages to the workmen engaged by him at the rates which shall be not less than the minimum wages applicable under law from time to time. BHEL will not entertain any claim or make any reimbursement for additional burden due to change in wages structure etc. under the law. The Sub-contractor shall also ensure statutory obligations (PF, ESI etc.) & benefits to his workmen as per provisions of law enforced from time to time.
- q) Vendors not registered with CFFP, BHEL need to submit duly filled supplier registration form (SRF) along with Technical Bid. SRF can be downloaded from http://www.bhel.com.
- r) The Bidder along with its associate/collaborators/sub-contractors/sub-vendors/consultants/ service providers shall strictly adhere to BHEL Fraud Prevention Policy displayed on BHEL website and shall immediately bring to the notice of BHEL Management about any fraud or suspected fraud as soon as it comes to their notice.
- s) Loading on account of deviation in payment terms shall be done as per extant rules of BHEL-Haridwar. The normal loading shall be @ Base rate of SBI (as applicable on the date of bid opening, Techno-commercial bid opening in case of two part bids) + 6%, for the period of relaxation sought by bidders.
- t) 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.
- u) MSE vendors need to declare valid Udyam Registration in their offer, failing which they shall not be able to avail the benefits available to MSE's.

- v) If any vendor provides false or misleading or wrong information, action as per Suspension of Business Dealings with Vendors as per extant guidelines of BHEL will be considered.
- w) "BHEL shall be resorting to Reverse Auction (RA) (Guidelines as available on www.bhel.com) for this tender. RA shall be conducted among the technocommercially qualified bidders.
 - Price bids of all techno-commercially qualified bidders shall be opened and same shall be considered for RA. In case any bidder(s) do(es) not participate in online Reverse Auction, their sealed envelope price bid along with applicable loading, if any, shall be considered for ranking."
- x) Benefits to MSE vendors as per relevant government guidelines shall be extended as per relevant government guidelines subject to submission of necessary documents.

Tender No: FF/SC/P22001/202200011; E-Tender ID:

Item: Rate contract for Rough Machining of Forgings

Name of Vendor:

<u>Pre-Qualification Criteria and Techno-commercial Requirements for Rough</u> <u>Machining of Forgings Rate Contract</u>

Evaluation shall be done on the basis of delivered cost (i.e.) "Total cost to CFFP/BHEL". Please confirm the following or else your offer is liable to be rejected.			
Sl. No.	Description	Vendor Confirmation/ Comment (in case of blank, it shall be deemed to be accepted by vendor)	
	PRE-QUALIFICATION CRITERIA		
1.	Only those Bidders are required to quote in this tender whose factory / workshop is located within the radius of 80 KM from BHEL Haridwar. Offer of those bidders whose works are beyond the radius of 80 KM from BHEL Haridwar will be ignored.	Vendor to Confirm	
2.	Vendor must have the machining facility for jobs as per clause 1 & 2 of Annexure A. Vendor to confirm.	Vendor to Confirm & Submit Annexure B	
3.	Minimum Experience: Vendor should have previous experience of machining of jobs having minimum dia 400 mm (forging size) from 01.04.2019 till the tender opening date. Documentary evidence like machining order, accepted inspection certificate and challan / invoice for minimum 2 jobs to be submitted along with offer.	Vendor to Confirm and submit detail of the past Experience/ facilities	
5.	Machining capacity: Vendor has to submit their total Chip Removal Capacity by weight per month. Vendor is required to have minimum Chip removal capacity by weight of 15 MT per Month. Chip removal capacity of the vendor shall be assessed by technical committee of CFFP. For assessment purpose, chip removal capacity of lathe of minimum chuck dia 600mm shall be taken as 12 MT per month. Hence vendor must have at least two lathes of minimum chuck dia 600 mm suitable for holding job of minimum 400 mm dia (forging size).	Vendor to Confirm and submit detail of the facilities	
6.	Machine Loading capacity: Vendor must have at least one lathe having machine loading capacity of minimum 10 MT. Machine loading capacity shall be assessed by technical committee of CFFP. Assessment shall be based on the 'Swing over Carriage' (D, in mtr) and 'Distance	Vendor to Confirm and submit detail of the facilities	

between Centers' (L, in mtr). Value of product D^2 and L ($D^2 \times L$) shall be calculated. Machines having $D^2 \times L \ge 1.62$ shall be considered having Job loading capacity more than

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10 MT.

7.	Vendor has to submit following details of facilities of their Plant. i) Number of machine/s available for rough machining of forging. ii) Detailed Technical Parameter a. Lathes- Swing over carriage, swing over bed, admittance between centers, Max load capacity, Availability of Taper turning attachment, availability of steady rest. Details of forging handling facility, like Crane cutting facility etc, with technical parameter and capacity by Weight. b. Vertical Boring Machine- Table dia, Max Job dia, Max height of job, Max load capacity, Max head angular tilt, Make and model of Machine Vendor should have valid income tax registration (valid PAN Number) & should have	Vendor to submit detail of the facilities Vendor to Submit details
	submitted income tax return for the financial year 2020-21 (assessment year 2021-22). Vendor should have valid active GSTN. Techno-commercial Requirements	
	<u> recinio-commercial Reguli ements</u>	
8.	Rates quoted in price bid should be in per kg of chip removal basis (Gross machining charges without considering chips value) Chips will be retained by bidder & same will be treated as sold to bidder by CFFP. Value of retained chips will be recovered from vendor from their bills or if required to be asked to deposit the amount in excess of machining charge. Rate of scrap applicable for issue of material in the month of Sept-2022 is Rs.38.07 per kg. However please note that scrap rate as on date of lifting of material shall be applicable for orders against this tender. Scrap rate shall be revised for every month on the basis of JPC Market price for Melting scrap HMS-II for previous month.	Vendor to Confirm
9.	For jobs where weight of total chips removed is more than 50% of offered forge weight, than to bring parity in rates with other items being machined, 10 % lower rate will be paid to sub-contractor from their normal quoted rate of respective category i.e. if quoted rate as per clause 5.a is "A" for per kg chips removal then the rate for machining of such jobs (with chips > 50% of forging weight) will be 0.90xA.	Vendor to Confirm
10.	In case value of scrap to be retained by subcontractors as per weights mentioned in order is higher than the machining charges of the order (including impact of taxes & duties), Sub contractor need to deposit the negative amount within 3 working days in CFFP bank account and lift the job within 5 days. If job is not lifted within 5 days from Order date, then date of order shall be considered as reference date for calculation of delivery period and LD shall be calculated accordingly if applicable.	Vendor to Confirm
11.	Vendors not registered with CFFP/BHEL need to submit online supplier registration form on BHEL portal. If registered at any other unit of BHEL, vendor code may be furnished.	Vendor to submit
12.	Vendor has to submit BG/FDR from consortium bank & indemnity Bond as per clause no 16 of Annexure A of this tender enquiry.	Vendor to accept
13.	Transportation of forging to and fro from vendor's works shall be vendor's responsibility. Transportation cost shall be borne by vendor & rates should be inclusive of this.	Vendor to accept
14.	"BHEL shall be resorting to Reverse Auction (RA) (Guidelines as available on www.bhel.com) for this tender. RA shall be conducted among the techno- commercially qualified bidders. Price bids of all techno-commercially qualified bidders shall be opened and same shall be considered for RA. In case any bidder(s) do(es) not participate in online Reverse Auction, their sealed envelope price bid along with applicable loading, if any, shall be considered for ranking."	Vendor to accept

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Annexure - B

15.	Provide name, mobile no. & email address of the contact person	Vendor to submit
16.	Validity of offers: minimum 365 days from tender opening date (Techno-commercial bid opening date in case of two part bids).	Vendor to accept
17.	Delivery schedule: Acceptance as per clause 12 (Annexure-A) of tender enquiry.	Vendor to accept
18.	No minimum guarantee of quantity allotment against this rate contract can be given. Actual quantity may increase or decrease vis a vis tender quantity without any implication of rate quoted.	Vendor to accept
19.	In case of any differences observed in conditions confirmed above & elsewhere in the offer, terms quoted above in this Annexure shall be treated as final and binding on vendor.	Vendor to Confirm
20.	All other commercial term and condition as per tender enquiry (including rate contract terms and condition) shall be acceptable.	Vendor to Confirm
21.	a. Penalty for Late Delivery: The delivery of the material after machining shall be made strictly as per time limit specified in delivery schedule, Failing to delivery schedules, standard LD/Penalty clause will be applicable (@ 2% per week subject to max. 10% of total machining charges. The exit & entry date mentioned by CISF on challan at BHEL material Gate will be taken as material issue & receipt date. To complete the delivery, all material including stock as per S C Order, to be returned for completion of order. Any correspondence regarding waiver of LD shall not be entertained. In case supplier does not agree for LD clause, BHEL will load maximum penalty under LD clause, to the extent the same is not agreed by the vendor, for the purpose of comparative statement. Where deliveries quoted are not suiting, BHEL may ignore the offer. b. Risk Purchase: In case of delays in return of material after machining / defective machining or non-fulfillment of any other terms and conditions given in the Sub-contracting Order by the sub-contractor, the Buyer reserves the right to cancel the sub-contracting order in full or part thereof, and may also make the machining of such material from alternative source at the risk and cost of the sub-contractor.	Vendor to Confirm
22.	Integrity pact- please submit along with offer	Vendor to submit ink signed document along with techno- commercial bid
23.	Vendor to thoroughly read and understand terms and condition of tender mentioned in NIT, Annexure A, Annexure B, Annexure C, etc . Vendor to confirm acceptance of all terms and conditions. In case of any non acceptance please mention specifically.	Vendor to Confirm

Tender No.: FF/SC/P22001/202200011

Opening Due Date:

Annexure: C

Tender No: FF/SC/P22001/202200011; E-Tender ID: Item: Rate contract for Rough Machining of Forgings

General Terms and Conditions for Tender enquiry

01. Kindly read terms and conditions, offer not in accordance with the instructions is liable to be disqualified or ignored.

Please refer attached Annexure A, B, C, Integrity pact, BOQ, etc. for detail terms & conditions of tender enquiry.

Tender is to be submitted through BHEL E-procurement website https://eprocurebhel.co.in/only.

- Offer to be submitted only on e-procurement portal. Hard copy of offer is not required to be submitted to CFFP. Any offers received in Hard copy shall not be accepted and straightaway rejected by CFFP.
- Offer in singe-part bid is required to be submitted by bidder on or before due date. On due date, tender can be submitted up to 1.30 PM and will be opened at 2.30 P.M. on same date through BHEL E-procurement website https://eprocurebhel.co.in/

Please note that late offers shall not be accepted.

- 02. The vendor should submit their best price at this stage itself and they will not be allowed to revise the price after opening of Part I bid. Any revision / discount given by vendor subsequently on their own after opening of part-1 bid, will be ignored.
- 03. Bidders to put sign and seal on all the documents. The quotation should be submitted through etender before due date and time. Offers received after due time & date shall not be considered.
- 04. Part-I of the bid shall contain complete item-wise scope of supply as offered vis-à-vis the scope of supply as per enquiry, all commercial terms and conditions etc. It is expected that bidders shall meet all our technical and commercial requirements and shall not deviate from them.
- 05. Scrap (Chip) generated during machining is to be retained by vendor & same will be treated as sold to bidder by CFFP. Value of scrap and GST on same shall be recovered from the party.
 For information only, present scrap rate for Sept'22 is Rs. 38.07 per KG however scrap rate as on date of material lifting shall be applicable for orders against this tender.
- 06. The sub-contractor shall follow all the rules & regulation of minimum wages, insurance cover of labour, ESI& PF as per rule. BHEL reserves its right to demand any document at any point of time during the execution of contract.
- 07. The sub-contractor shall observe all the precautions and safety procedures as required during loading & transportation in factory premises. Also required precaution shall be taken while transportation & operation at their works. Precaution must be taken to ensure that there is no damage or pilferage of the material from CFFP & there is no injury to work man.
- 08. The sub-contractor shall take adequate steps to prevent any loss or damage to any materials entrusted to him. The sub-contractor shall be liable to pay, to the company, for the damages due to negligence or otherwise in executing the machining work entrusted to him or any other failure or any breach of terms and conditions on the part of the contractor.
- 09. The Sub-contractor should have sufficient financial resources to meet all expenses & contractual obligation.
- 10. The Sub-contractor shall be responsible for fulfilling all legal/statuary requirement along with environmental laws. Any loss to the property (belonging to the sub-contractor or the company) or injury to the staff/labour of the Sub-contractor caused due to any reason will be the sole responsibility of the Sub-contractor. Accordingly the Sub-contractor is advised to take necessary insurance cover. Any

- liability of BHEL, arising due to Sub-contractor, his staff/labour, materials being handled by him, will be recoverable from the Sub-contractor. Accordingly, the Sub-contractor shall indemnify the company.
- 11. The Sub-contractor shall ensure valid registration with all the State and Central govt. departments as required by various laws such as ESI, PF etc. & submit copies of the same whenever required.
- 12. The Sub-contractor shall pay wages to the workmen engaged by him at the rates which shall be not less than the minimum wages applicable under law from time to time. BHEL will not entertain any claim or make any reimbursement for additional burden due to change in wages structure etc. under the law. The Sub-contractor shall also ensure statutory obligations (PF, ESI etc.) & benefits to his workmen as per provisions of law enforced from time to time.

13. CONDITIONS FOR AVAILING MICRO & SMALL ENTERPRISES (MSE's) BENEFITS BY INDIAN BIDDERS

- I. MSE Suppliers can avail the intended benefits only if they submit along with the offer, copy of valid MSE Certificate (Udyog Aadhaar Memorandum (UAM)/ Udyam Registration certificate, etc). Vendor to declare valid UAM number/ Udyam Registration certificate on e-Procurement portal/ tender, failing which bidder will not be able to enjoy the benefits as per the public procurement policy for MSEs order 2012. Documents as applicable as per Govt. guidelines to be provided.
- II. Any new supplier will be eligible for registration with BHEL as MSE supplier provided Valid Udyog Aadhar Certificate/ Udyam Registration certificate.
- III. MSE bidders claiming SC/ST status will have to submit SC/ST certificate of the Proprietor from competent authority. Attested (notarized or attested by Gazetted officer) copy to be submitted along with the offer.
- IV. MSE bidders where the proprietor is woman, must clearly specify the same in their offer.
- V. In case techno-commercial accepted bidders include MSE source and their prices (based on landed cost considering quoted prices) are within the price band of 15% w.r.t. L-1 bidder, then BHEL can offer 25% of quantity of respective item (rounded off to nearest number) to MSE bidders at L-1 price and in case, more than one MSE bidder is in 15 % band and the same is accepted by more than one MSE bidders then 25% quantities of respective items will be considered for ordering on proportionate basis amongst MSE bidders.
- VI. There will be minimum of 3% reservation for women owned MSEs within the above mentioned 25% reservation.
- VII. The reservation for MSEs owned by SC/ST will be 6.25% { 25% out of target of 25% refer para 4 of Public Procurement Policy for the Micro and Small Enterprises(MSEs)}.
- VIII. The definition of MSEs owned by Women Entrepreneurs is clarified as under:
 - a. In case of proprietary MSE, proprietor shall be Woman.
 - b. In case of partnership MSE, the Woman partners shall be holding at least 51% of share in the unit.
 - c. In case of Private Limited companies, at least 51% share shall be held by Women promoters.
- IX. The definition of MSEs owned by SC/ST is clarified as under:
 - a. In case of proprietary MSE, proprietor(s) shall be SC/ST.
 - b. In case of partnership MSE, the SC/ST partners shall be holding at least 51% of shares in the unit.
 - c. In case of Private Limited companies, at least 51% share shall be held by SC/ST promoters.
- X. While distributing the 25% quantity amongst MSE bidders the decimal points in quantity shall be ignored for all the bidders except the L-1 amongst MSE bidders. Balance quantity after allocating the quantity to other MSE bidders ignoring the quantities in decimal, shall be given to L-1 (amongst MSE) bidder. However, if there are more than one MSE bidder at the same price level than preference for additional quantities due to ignoring off the decimal (as mentioned

- above) shall be given to the bidder offering favorable terms to BHEL and if the conditions offered are also same then preference will be given to the bidder having high SPR (Supplier Performance Rating) rating.
- XI. In case there are more than one MSE bidders (with different landed cost to BHEL) within 15% price band of lowest bidder and quantity to be offered is 1 no. only, then preference shall be given to the MSE bidder with lowest landed cost.
- XII. In case there are more than one MSE bidders (with same landed cost to BHEL) within 15% price band of lowest bidder and quantity to be offered is 1 no. only, then preference shall be given first, based on the favorable terms in the bid and in case terms are also same, the bidder with high SPR (Supplier Performance Rating) rating shall be given.
- XIII. Note: It may however be noted that MSE guidelines as on date (Date of Technical Bid Opening Part-1) shall prevail.