

Dhurwa, Ranchi- 834004, Jharkhand

OPEN TENDER NOTICE

No:- FF/CC/03 Shop/ Maintenance of 2650T Press & 60MT Manipulator/20-71

Sub.:- Open Tender Enquiry for "Maintenance of 2650T Oil Hydraulic press & 60MT Rail Bound Oil Hydraulic Manipulator in 03-Medium Forge Shop/FFP".

Contract Cell/FFP is inviting a Two Part Bid (i.e. Part-I for Techno-commercial Bid & Part-II for Price Bid) open tender for submitting offer from reputed/working contractor of HEC or outside of HEC having experience for executing similar nature of work in reputed Pvt./Govt. Organization in past.

SUBMISSION OF OFFER:-

The bidders are required to submit their offer in one sealed envelope consisting of two separate sealed envelopes- One envelop for Techno-commercial bid (Part-I) and another for Price Bid (Part-II) only.

Part-I: -<u>Techno-commercial Bid (Eligibility Criteria)</u>:- The Techno-commercial bid (i.e. Part-I Bid) must consist of followings to qualify the eligibility Criteria:

- i) Proof of experience towards execution of similar nature of work.
- ii) Copy of PAN Card.
- iii) EM & Cost of Tender Document of requisite amount as mentioned at page 2.
- iv) Copy of GST Registration certificate.
- v) Copy of both PF & ESI Registration Certificate.
- vi) Tender document duly signed by the bidder towards acceptance of **terms & conditions** stipulated therein.

Part-II:- Price Bid:- It will consist only basic price as per prescribed format placed at ANNEXURE-II.

Conditional price bid of any bidder will not be considered and shall be summarily rejected. The bidders are required to indicate their terms & conditions in techno-commercial bid (Part-I) only failing which the offer of the bidder is liable to be rejected.

The bidders are also advised to super-scribe the followings in details clearly on top of each envelope:

- (A) NAME OF THE WORK:-
- (B) TENDER REF. NO .:-
- (C) DUE DATE & TIME FOR OPENING OF THE TENDER:-
- (D) PART NUMBER AND ITS CONTENT:-
- (E) FULL NAME, COMPLETE ADDRESS, CONTACT NO., E-MAIL ADDRES & FAX NO. OF THE BIDDER.

The offer of the bidders must contain above mentioned **two parts** along with **Earnest Money** in the form of **Demand Draft (DD) / Cash Receipt** by depositing cash at **Finance dept. of FFP / Bank Guarantee (BG)** & **Cost of Tender Document** in the form of **Demand Draft (DD) / Cash Receipt** by depositing cash at **Finance dept./FFP**.

In case the bidder desires to submit the **EM** through **BG**, validity of **Bank Guarantee (BG)** should be till **finalization of the contract** from the date of opening of **Part-I bid** of the tender and should be suitably extended by the bidder as and when requested for to do so.

If the bidder desires to submit the EM & Cost of Tender document through DD, it should be made from any scheduled bank in favour of HEC Ltd., Ranchi payable at SBI, Ranchi.

Every bidder shall have to deposit **Earnest Money & Cost of Tender Document** in their **Techno-commercial Bid (Part-I).**

Offer without EM & Cost of Tender Document / less amount of EM & Cost of Tender Document / submission of invalid DD for both EM & Cost of Tender Document will not be considered & shall be summarily rejected. No interest will be paid towards deposition of EM by the bidder.

The bidders can download the tender document with detailed **terms & conditions** from **HEC's website www.hecltd.com**. **Tender document shall also be obtained from the office of Contract Cell/FFP/HEC.**

Date: - 04.09.2020



HEAVY ENGINEERING CORPORATION LIMITED (A Govt. of India Enterprises) FOUNDRY FORGE PLANT CONTRACT CELL Dhurwa, Ranchi- 834004, Jharkhand

PARTICULARS OF THE TENDER:-

Cost of Tender Document (Non Refundable):- Rs. 295/-, Earnest Money (Refundable):- Rs. 5,000/-.

Quantity:- As per schedule of quantity placed at ANNEXURE-II,

Contract period:- One Year Maintenance Period:- One Year.

Period of Sale of Tender Document:- From 04.09.2020 to 18.09.2020 upto 12.00N.

Due date & time for submission of offer:- 18.09.2020 upto 2.30PM.

Due date & Time for opening of the tender:- 18.09.2020 at 3.00PM.

Note:- In case, due date of tender opening falls on declared Holiday/Sunday, the tender box will be opened on next working day and the tender will also be opened on next working day at the same time & venue.

PLACE TO SUBMIT THE OFFER:-

Sealed offer will be submitted in the **Tender Box** placed at **Main Gate** of **Foundry Forge Plant/HEC Ltd.**, **Dhurwa**, **Ranchi-834004**, **Jharkhand** during the period mentioned above after filling it completely by the bidder. **Incomplete offer in any respect is liable to be rejected.**

Encl.:- (1) Annexure-I:- Terms & Conditions, Scope of Work etc. (Ref. Page:- 3 to 8)

(2) Annexure-II:- Schedule of Quantity for Price Bid (Part-II) (Ref. Page:- 9 & 10)

For & on behalf of HEC Ltd.

(Sd/-SDGM I/c./CC & D/FFP)



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ANNEXURE-I

TERMS & CONDITIONS:-

- 1. The bidders who are registered as a SSI Units having valid NSIC certificates are exempted from submission of EM, Cost of Tender Document & Security Deposit on fulfillment of the following conditions:
 - Notarized copy of the NSIC certificate is to be submitted along with the techno-commercial bid (Part-I).
 - (ii) The exemption from submission of EM, Cost of Tender Document & Security Deposit shall be granted only for the items for which it is registered.
 - (iii) In case of bid by consortium not having all the members as SSI Units are required to submit the EM, Cost of Tender Document & Security Deposit.

The bidders who are registered as Micro/Small/Medium Enterprises with the prescribed authority under Micro, Small and Medium Enterprises development Act, 2006, are required to submit copy of the registration certificate and indicate twelve digits Entrepreneur Memorandum Number along with the techno-commercial bid (Part-I). In case such details are not provided by any bidder, it will be presumed that the bidder is not a Micro, Small and Medium Enterprise as per the provision of Micro, Small and Medium Enterprises development Act, 2006 and consequently they are not eligible to the benefits admissible under the Act.

- 2. EM of unsuccessful bidder will be refunded within a reasonable time on the basis of their written request.
- 3. The quoted price of the bidders must be technically feasible, workable, competitive and unconditional. This should remain firm throughout the period of the contract. In case of any discrepancy in rate filed up in words and figures then the value in word will prevail.
- Bidders are requested to quote their price inclusive of various workman related payments such as minimum wages, DA, ESI, PF, Bonus, Leave, EDLI, EPS, accidental compensation, gratuity, safety items etc. for the workmen to be deployed including supervisor. It is deemed that the bidders are satisfied with their quoted rate for completing the job/supply as per the scope of work/tender schedule as well as above statutory liabilities. No complaint in this regard shall be entertained
- 5. Bidders are advised to visit 03 Medium Forge Shop/FFP to take idea about the work as well as to assess the work physically before participating in the bidding process.
- 6. Any offer which does not fulfill the condition laid down herein or is incomplete in any respect will be liable for rejection. Canvassing in connection with the offer is strictly prohibited and makes the offer liable to be rejected.
- 7. Successful bidder shall comply with the instructions which may be issued to him by the officer-incharge/competent authority from time to time.
- 8. HEC reserves the right to issue amendment in respect of any clause stipulated in the tender documents before opening of the tender (i.e. Part-I Bid).
- reserves the right to ask the bidder for submission of any document w.r.t. evaluation/clarification/verification of the techno-commercial bid (Part-I).
- 10. The bidders are required to quote their prices in both figures and words at the prescribed format mentioned in ANNEXURE-II. Bids not having prices in words are liable for rejection on the option of HEC. If any difference is located between the values indicated in words and figures in the price bid, the lower of the value shall be taken as price quoted by the bidders. In the price bid if the amount is derived after multiplying rate and quantity wrongly, the value written by mistake or after doing proper calculation whichever is lower to be considered.
- 11. After filling the rate(s) in figures and words by the bidders against designed column of prescribed format in the tender, a transparent tape may be affixed by the bidders over the quoted rate(s) (both figures & words) to avoid chances of tampering.
- 12. Only original price bid(s) of the bidder(s) submitted alongwith the original tender will be considered as valid. In the event of extension of the tender opening date, the bidders may submit their revised offer for Price Bid (Part-II) in separate sealed envelope clearly supers- cribbing "Revised Price Bid" on the top of the envelope.



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- 13. The offer must be submitted by the bidders at the place mentioned at Page 2 after filling it properly and designed in all respect as per terms & conditions of the tender documents without creating any change therein. The un-priced copy of the Price Bid (Part-II) is also required to be submitted alongwith Technocommercial bid (Part-I) clearly marking 'X X X' wherever price have been quoted. Mere submission of bid shall not mean eligibility of the bidder.
- 14. Failure to comply with the instructions may result in rejection of the offer. In the event of any doubt regarding terms & conditions/formats, the bidder may seek clarifications from the authorized officer of HEC. If any tampering/unauthorized alteration is noticed in the bid submitted by the bidders from the tender document available on the HEC Website, the said Bid shall be summarily rejected and HEC shall have no liability whatsoever in the matter. However, deviations, if any, proposed by the bidder(s) may be separately indicated under a heading "DEVIATIONS", quoting the respective clause with justification. Acceptance of such deviations shall be the sole discretion of HEC. Such proposed deviations will not be treated as tampering for the purpose of application of the clause.
- 15. Offer with erasing/overwriting/cutting will be rejected unless all corrections have been authenticated with bidder's signature & seal.
- 16. Evaluation of every offer is subject to submission and validity of documents for fulfillment of eligibility criteria. HEC reserves the right to assess the bidder's capability and capacity to execute the job and the decision of HEC will be final in this regard.
- 17. HEC do not bind to accept the lowest or any tender and reserves the right to accept or reject any or all offers in whole or in part without assigning any reason.
- 18. HEC reserves the right to reduce or increase the quantity of the work within the contract period as per requirement.
- 19. Any claim on account of extra expenses if any incurred by **successful bidder** for any reasons whatsoever will not be entertained by **FFP/HEC.**
- 20. No compensation will be given by **FFP/HEC** for any rework or repeat work if done by **successful bidder(s)** during execution of the work to meet the scope of work.
- 21. Placement of order will be done on the basis of **L-1 quotation**. However all the bidders may be required to **explain / justify** the basis of their quoted price as and when asked for. **HEC** reserves the right to award the work in full or in part to **L-1 bidder** as per requirement.
- 22. The order will be given to technically suitable **L-1 bidder**. However merely by being **L-1** does not guarantees that the contract will be awarded to **L-1 bidder**.
- 23. Submission of any document by the bidder after opening of bids shall not be allowed unless asked for in writing to do so.
- 24. All the Statutory Rules & Regulations, Govt. Acts. Guidelines etc. issued by the corporation time to time in the matter shall be followed for this tender.

25. INSTRUCTION TO BIDDERS FOR SIGINING THE TENDER DOCUMENT & OFFER:

- (i) Each page of the tender document as well as other documents submitted by the bidders in their bids must be signed by any person/persons of the bidders having valid authorization to do so for & on behalf of that company up to finalization of this contract.
- (ii) If the bidder is a **Proprietorship Firm**, the "Sole Proprietor" can submit the tender and sign the contract agreement.
- (iii) If the bidder is a Partnership firm, the bidder will have to furnish full name & designation of all the partners of their firms and approved attorney of those person/persons in respect of signing in the tender document as well as other documents for & on behalf of that partnership firm up to finalization of this contract.
- (iv) If the bidder is a **Registered Company**, any person acting under the authority of the Company, express or implied, can submit the tender and sign the contract agreement. It is sufficient if the person has the delegated authority. But for executing deeds, the company must empower such executants by a General Power of Attorney, or Special Power of Attorney, under its common seal.



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26. ADDRESS FOR CORRESPONDANCE:-

The SDGM I/c./CC & D/FFP, Contract Cell, 2nd Floor,

Administrative Building,

Room No .: - 174, Foundry Forge Plant,

HEC Ltd., Dhurwa, Ranchi-834004, Jharkhand

27. VALIDITY OF THE OFFER:-

The offer shall remain valid for a period of **Six Months** from the date of opening of **Techno-commercial Bid (Part-I)** of the tender. If no period is mentioned in respect of validity of the tender in the offer submitted by the bidder, it will be presumed that the bidder has accepted the validity of their offer for **six months** period from the date of opening of **Techno-commercial Bid (Part-I)** of the tender.

28. RECEIPT OF THE OFFER:-

Sealed offer will be received through tender box placed at main gate of FFP/HEC, Dhurwa, Ranchi-834004 or through Courier or through Register Post or through Speed Post on or before of scheduled date & time mentioned at Page-2. For bulky size of the offer w.r.t. tender box, the same will be received in Contract Cell/FFP (Top Floor, Room No. 174, Adm. Bldg. of FFP/HEC Ltd.) based on written request of the bidder.

29. CONDITION REGARDING RECEIPT OF THE OFFER:-

Offer received after due date & time will not be considered and shall be summarily rejected. HEC takes no responsibility for delay, loss or non-receipt of offer/document sent by **post/courier** and no financial obligations shall accrue to **HEC** in such case.

30. OPENING OF THE OFFER:-

- (i) Envelop of **Techno-commercial Bid (Part-I)** of the offer will be opened at **Finance/FFP** in presence of any bidder or their authorized representative who wish to be present, representative of **Finance** and **Contract Cell/FFP** on due **date & time** of opening of the tender as mentioned at **Page 2**.
- (ii) The Price Bid (Part-II) of the techno-commercially qualified bidders (after completion of scrutiny of the Technical and Commercial part) will be opened at a later date in presence of the bidders or their authorized representatives who wish to be present, representative of Finance and Contract Cell/FFP. The date of opening of the Price Bid (Part-II) will be intimated to all qualified bidders well in advance.
- 31. SCOPE OF WORK OF SUCCESSFUL BIDDER:- As per schedule of quantity placed at ANNEXURE-II.

32. MATERIALS SUPPLY CLAUSE:-

All tools & tackles required for execution of the work is to be arranged by successful bidder while other materials if required for carrying out the work will be supplied by the dept.

33. EXECUTING DEPARTMENT & SITE I/c:-

03-Shop/FFP will be the executing dept. and SDGM I/c/03-Shop/FFP or the person nominated by him will be the Site I/c for this contract.

- 34. WORKING HOURS:- The work will be executed as per sole discretion of the executing dept. or site I/c.
- 35. COMPLETION & MANITENANCE PERIOD:- One Year & One year.

36. RESPONSIBILITY OF SITE I/c:-

- (a) Giving necessary instruction to successful bidder to carry out the work properly.
- (b) Maintaining a **measurement book** to enter actual quantity of work being executed by **successful bidder** for the subject work.
- (c) Issue of work completion certificate towards successful completion of the work.
- 37. **PAYING AUTHORITY:-** Finance Dept./FFP.



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38. PAYMENT TERMS:-

Payment will be made to the firm on submission of following documents in **executing department**:

- (a) **R/A bill** based on actual quantity of work being carried out by the **successful bidder** duly certified by the **site l/c/Executing dept. alongwith GST invoice immediately.**
- (b) **Measurement book** duly certified by the **Site I/c/Executing dept.** towards completion of actual quantity of work.
- (c) Documentary evidence towards payment of statutory dues (i.e. PF, ESI etc.).
- (d) Wage certificate of labour payment through bank account duly certified by executing dept./FFP.

The above documents submitted by successful bidder will be forwarded to **Finance/FFP** for payment by the **executing department** itself.

Final payment will be made on production of **work completion certificate** issued by **Site I/c/Executing dept.** alongwith final bill.

- Note:- (1) Delay in submission of bill may result in non-payment of GST amount if credit could not availed due to late submission of invoice.
 - (2) Amount of GST will be reimbursed to the firm as per the prevailing rule under GST Act. subject to declaration in GSTR-1 return by them in the month of invoice.

39. SECURITY DEPOSIT:-

Total Security Deposit will be 10% of total contract value. A deduction at the rate of 10% from all "On account" payments of successful bidder will be made till the total SD becomes 10% of total contract value. 50% of total SD will be refunded within 30 days on submission of work completion certificate issued by SDGM/Maint. 03 Shop/MHFS/FFP towards successful completion of the work and balance 50% of total SD will be refunded after completion of maintenance period on submission of maintenance completion certificate issued by SDGM/Maint./03-Shop/MHFS/FFP. EM/Security Deposit will be forfeited if the contract is terminated for any reason whatsoever.

40. **INCOME TAX DEDUCTIONS:-** It will be deducted as per the prevailing rule.

41. GOODS & SERVICE TAX (GST):-

Price of all bidders must be exclusive of **GST** and they are required to indicate **GST** in **percentage (%) or value** separately in their **techno-commercial bid (Part-I)**. Applicable **GST** is payable to the firm extra. Payment of GST will be made to successful bidder on the basis of timely submission of GST invoice as per GST rule and submission of all documents as per payment terms. The payment of GST will be regularized against submission of documentary evidence i.e. deposit challan. Also, successful bidder has to file GST return as per GST rule so that ITC (Input Tax Credit) shall pass on to HEC account. If loss occurs in taking credit of GST by HEC due to the fault or error of successful bidder, the same will be recovered from next bill of successful bidder. Any increase in **GST** after expiry of the specified completion period of the contract will not be entertained by **FFP/HEC**.

42. LD CLAUSE:-

If successful bidder fails to complete the work within the contractual period, LD will be levied @ ½% of unfinished part of the work per week of delay subject to a maximum 10% of total basic contract value.

43. ARBITRATION:-

Normally all disputes should be settled by negotiations between the company and the concerned parties. In case any dispute/difference is not settled through negotiations, successful bidder can seek remedy by arbitration by invoking the same within **120 days** of dispute.

- (a) The Arbitrator (s) will be appointed to resolve the disputes between the parties. The CMD of HEC Ltd. is having absolute power to appoint a single Arbitrator or more than one Arbitrator or to refer the dispute to the Institutional Arbitration at his discretion and his decision is final and binding on successful bidder. The appointed Arbitrator(s) / Institutional Arbitration should pass a reasoned award and the parties should bear the costs of the Arbitration equally.
- (b) If any of the Arbitrators appointed by the CMD of HEC Ltd. is unable to continue as an Arbitrator for any reasons whatsoever or if the CMD of HEC Ltd. for the reasons to be recorded in writing thinks fit for appointment of a new Arbitrator in the place of existing Arbitrator, he is having a power to do so. If such a new Arbitrator is appointed, he can either continue the arbitration proceedings from the stage where the earlier Arbitrator discontinued his proceedings or alternatively the new Arbitrator may start proceedings *de novo* if the circumstances warrant him to do so.



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Failing to invoke Arbitration clause within **120 days** of dispute, the matter is to be decided by **Civil Courts at Ranchi, Jharkhand** state alone and not at any other place.

44. AGREEMENT:-

An agreement will be signed between HEC & the successful bidder within 30 days from the date of issue of the work order on Non-Judicial Stamp Paper of requisite value as per provision of Indian Stamp Act. on the Performa prescribed by HEC Ltd. available on Contract Cell/FFP. The General Condition of Contract along with Work Order and the Tender Documents will be the part of Agreement and binding on the successful bidder. Unless and until agreement is prepared and executed, the Acceptance Letter Cum Work Order shall be deemed as an agreement of this contract between HEC & the successful bidder.

45. TERMINATION OF THE CONTRACT:-

The contract can be terminated in part/full under the following conditions in consultation of Legal Dept:-

- a) If successful bidder fails to start the work within 15 days from the date of issue of work order without assigning any reason.
- b) If successful bidder fails to follow statutory provision of Contract Labour (Regulation & Abolition)
 Act-1970, Payment of Wages Act-1936, Minimum Wages Act-1948, Employees Compensation
 Act-1923, Maternity Benefit Act-1961, Employees Provident Fund & Miscellaneous Provision
 Act-1952, Employee State Insurance Act-1948 or any other Act.
- c) If **successful bidder** fails to follow safety rules as per **statutory provision of safety act.** towards safe execution of the contract as well as fails to satisfy the executing dept. with progress of the job.
- d) If any act of malpractices likes pilferage, corruption, harming/misusing company's property, ill- treating company's employee or any one related to the company by **successful bidder** or his deployed workmen including supervisor at any stage of the contract is detected.
- e) Any other reasons for which company thinks it fit to terminate the contract will be terminated with assigning the proper reason. The determination and termination of the contract at any stage is the sole discretion of the employer and binding on **successful bidder**.

46. RISK & COST FACTOR:-

In the event of termination of the contract in part/full due to successful bidder's fault, **HEC** reserves the right to complete the work by any agency at **successful bidder's** risk & cost.

47. SUCESSFUL BIDDER'S RESPONSIBILITIES:-

- The successful bidder has to keep all necessary workmen of various trades and categories as per requirement of the work.
- b) The successful bidder will be responsible for safety of all workmen engaged by him for the above contract and he will provide necessary safety appliances like Hand Gloves, First Aid items, Safety Shoes, Safety Helmet, Protective clothing's etc. to his deployed workmen as per suggestion of safety department of FFP/HEC. The nature and types of safety appliances to be supplied to different workmen may be different based on their actual position in the workplace and accordingly it is to be ascertained from the executing department or safety dept. of HEC at the very beginning of the contract. If successful bidder is failed to provide safety appliances to his workmen, the same shall be supplied by the corporation at successful bidder's cost and such cost will be recovered from his bill.
- c) The successful bidder will give strict instruction to its deployed workmen in order to follow the safety rules and to use safety appliances during execution of the contract towards safe working. He will also give instruction to his workmen for not to **smoke/spit/gossip** at the work premises during working hours.
- d) The successful bidder will give instruction to its deployed workmen that every workman will wear neat & clean suitable clothing towards safe execution of the work inside the factory area.
- e) The successful bidder should either physically be present himself every day or by his supervisor during working hours and he/his supervisor will report to **site I/c** daily for taking instructions and for coordinating the work and maintaining the various records i.e. quantum of work done, workmen engaged etc.
- f) The successful bidder will pay minimum wages to its deployed workmen as per Central Govt. Minimum Wages Circular at their own source.



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- g) In case of an accident during execution of the work whether resulting in any injury or disability or death of successful bidder's workmen, he will report immediately to the site I/c as well as P&A Dept./FFP about the accident of his workman and will be liable to pay compensation to such worker in accordance with the provisions of Employees Compensation Act 1923. Such compensation shall be paid to the concerned worker within one month from the date of accident failing which HEC will pay the requisite compensation along with the payment so made to such worker and the same shall be deducted from his bill by HEC.
- h) Payment of successful bidder's deployed workmen shall be made to their bank account directly.
- i) Bonus is to be paid by the successful bidder to their deployed workmen within 15 days from the date of completion of contract. There is no need to wait for Durga Puja.
- j) Bonus is to be paid separately contract wise by the successful bidder.
- k) The successful bidder has to simply submit the proof of bonus payment and a copy of return which has been submitted by them to the competent authority as per the Act.
- The payment towards running bill will be made **once in a month** depending upon the work done by him and would cover the attendance period from 1st of the month to 30/31th of the current month. Successful bidder is required to render all the possible service for the preparation of bills on or before 10th of the succeeding months even if payment by corporation has not been made to them. The bills complete in all respect should reach to the **Finance Dept** by 6th of the following month.
- m) The successful bidder shall obtain the requisite license for engaging labour {if applicable on successful bidder as per provision of Contract Labour (Regulation & Abolition) Act, 1970} from the concerned authorities clearly setting out the number of persons to be engaged for this work.
- n) The successful bidder will regularly read the notice board and refer display of information made at the entrance of FFP and he shall also issue employment card and wage slip to all workers engaged by him.
- o) In the case of change in the entity of successful bidder as he has mentioned in the bidder's profile submitted by him alongwith his tender and the said change has taken place during the running of the contract, the successful bidder will submit revised bidder's profile attaching therewith all relevant documents in support of the change such as individual/property business concern/partnership firm/cooperative society etc. Any change in the constitution of the aforesaid body shall forthwith be notified by him to executing dept.
- p) The successful bidder will be informed about the display of below average level of awareness about safety and work by his workers and accordingly he will replace them and re-engage them only when they acquired such competency.
- q) The successful bidder will maintain all records namely Attendance Register of deployed workmen, Register of Wages (FORM-XVII), Register of workman (Muster Roll) FORM-XIII), CPF deduction of each & every deployed workmen with CPF A/c no, bank A/c no. at ready reference for producing the same as per needs of the corporation.
- 48. Following information is to be filled by contractor/bidder.

| SI. No. | Description | % considered in the offer as per govt. rule | Remark |
|------------|--|---|--------|
| 1 | PF(Including EPF, EPS, admin change of | | |
| | PF & EDLI change etc. as per govt. rule) | % | |
| 2 | ESI | % | |
| 3 | Any other statutory tax if applicable | % | |

Note:- GST will be extra applicable.

- 49. If any bidder, who will quote less price (rate) than minimum wages with statutory dues like PF ESI as per Govt Rule, then the firm will be debarred for participation in next tender of this work i.e (their offer will not be considered in next tender of this work)
- 50. All other terms & condition will be as per GCC of HEC Ltd. and the same can be downloaded from HEC website www.hecltd.com.

Signature of the bidder with rubber stamp with name, full address, mobile No., P&T No. etc.

For & on behalf of HEC Ltd.



HEAVY ENGINEERING CORPORATION LIMITED (A Govt. of India Enterprises) FOUNDRY FORGE PLANT CONTRACT CELL Dhurwa, Ranchi- 834004, Jharkhand

ANNEXURE-II

PRICE BID (Part-II)

SCHEDULE OF QUANTITY

Name of the work:- Maintenance of 2650T Oil Hydraulic press & 60MT Rail Bound Oil Hydraulic Manipulator in 03-Medium Forge Shop/FFP

A. 2650 T PRESS RELATED WORKS

| SI. No. | Description of works & activities | Frequency of Execution | Time consumed (Designated manpower involved) | Equiv. No. of Man days= (Total man hour consumed X No. of working days in a year ÷ 8 i.e. QUANTITY IN MANDAYS) | Basic Quoted Value (Rs.) |
|------------|---|---|--|--|-----------------------------------|
| 1 | Tightening of gland flanges of pressing cylinders | Every alternate day (150 days) | 2 Hrs (4F + 2M) | 300 Hrs or 37.5 Man | |
| 2 | Tightening of gland flanges | Every alternate | 2 Hrs | days 300 Hrs or 37.5 Man | |
| _ | of Return cylinders, Longitudinal and Cross Cylinders | day (150 days) | (4F + 2M) | days | |
| 3 | Tightening holding rings of pressing cylinders | After every 15 days (20 days) | 2 Hrs (4F+2M) | 40 Hrs or 5 Man days | |
| 4 | Tightening of (i) fastening bolts of all Column nuts (ii) Tightening of column nuts | After every 10 days (30 days) | 2 Hrs (4F+2M) | 60 Hrs or 7.5 Man days | |
| 5 | Tightening of High pressure and Low pressure pipes | After every 15 days (20 days) | 2 Hrs (4F+2M) | 40 Hrs or 5 Man days | |
| 6 | Tightening of lubrication pipes | After every 15 days (20 days) | 2 Hrs (4F+2M) | 40 Hrs or 5 Man days | |
| 7 | Tightening of Die holder cylinders | After every 15 days (20 days) | 1 Hr (4F+2M) | 20 Hrs or 2.5 Man days | |
| 8 | Tightening of Longitudinal and Cross Plungers | Every alternate day (150 days) | 1 Hrs (4F+2M) | 150 Hrs or 18.75 Man days | |
| 9 | Tightening of two half Ram fixing ring of swivel shaft | Every alternate day (150 days) | 1 Hr (4F+2M) | 150 Hrs or 18.75 Man days | |
| 10 | Tightening of column guide bush holding ring | After every 15 days (20 days) | 1 Hr (4F) | 20 Hrs or 2.5 Man days | |
| 11 | Tightening of clamps of all high pressure and low pressure pipes | Monthly after every 30 days (10 days) | 4 Hrs (4F+2M) | 40 Hrs or 5 Man days | |
| 12 | Tightening foundation bolts of columns | After every 15 days (20 days) | 2 Hrs (4F) | 40 Hrs or 5 Man days | |
| 13 | Tightening of foundation bolts of IIT and LT motors | Every alternate day (150 days) | 2 Hr (4F+2M) | 300 Hrs or 37.5 Man days | |
| 14 | Tightening of high pressure hoses | Every alternate day (150 days) | 1 Hr (4F+2M) | 150 Hrs or 18.75 Man days | |
| 15 | Cleaning of water filters | Every alternate day (150 days) | 1 Hr (2F) | 150 Hrs or 18.75 Man days | |
| 16 | Cleaning of oil filters | Monthly after every 30 days (10 days) | 4 Hrs (4F) | 40 Hrs or 5 Man days | |
| 17 | Greasing of longitudinal cylinder, cross cylinder, return cylinder | After every 15 days (20 days) | 2 Hrs (3F+2M) | 40 Hrs or 5 Man days | |
| 18 | Changing of damage 'O' Ring /permanite packings of pipe line flanges | As per requirement | | | |



Dhurwa, Ranchi- 834004, Jharkhand

| SI. No. | Description of works & activities | Frequency of Execution | Time consumed (Designated manpower involved) | Equiv. No. of Man days= (Total man hour consumed X No. of working days in a year ÷ 8 i.e. QUANTITY IN MANDAYS) | Basic Quoted Value (Rs.) |
|------------|--------------------------------------|---------------------------|--|--|-----------------------------------|
| 19 | Changing of damage | As per | | | |
| | Chevron Packing of | requirement | | | |
| | pressing cylinders | | | | |
| | Cleaning of machine room, | Every alternate | 1 Hr | 150 Hrs or 18.75 Man | • |
| 20 | cellar, basement of press | day (150 days) | (4F+2M) | days | |
| | Sub Total Basic Quoted Value (Rs.):- | | | | |
| | | | | | |

B. 60 MT MANIPULATOR RELATED WORKS

| SI. No. | Description of works & activities | Frequency of Execution | Time consumed (Designated manpower involved) | Equiv. No. of Man days= (Total man hour consumed X No. of working days in a year ÷ 8 i.e. QUANTITY IN MANDAYS) | Basic Quoted Value (Rs.) |
|---|--|-----------------------------------|--|--|-----------------------------------|
| 1 | Tightening of hose pipes | Every alternate day (150 days) | 1 Hr (4F+2M) | 150 Hrs or 18.75 Man days | |
| 2 | Tightening of travel & rotating gear boxes | Every alternate day (150 days) | 1 Hr (4F) | 150 Hrs or 18.75 Man days | |
| 3 | Tightening pedestals of rotating shafts | Every alternate day (150 days) | 1 Hr (4F) | 150 Hrs or 18.75 Man days | |
| 4 | Tightening of gland flanges of front lifting, rear liftings, balancing, slide shifting, rotation cylinders, griping cylinder | Every alternate day (150 days) | 1 Hr (4F+2M) | 150 Hrs or 18.75 Man days | |
| 5 | Changing of U cups of front lifting, side shifting, balancing, side shifting, rotation cylinders, griping cylinder | As per requirement | | | |
| 6 | Cleaning of Oil filter | 12 times | 2 Hrs (1F+2M) | 24 Hrs or 3 Man days | |
| 7. | Work related to EOT Cranes, Furnaces & Cutting Machine | As per requirement | | | |
| | Sub Total Basic Quoted Value (Rs.):- | | | | |
| Grand Total Basic Quoted Value (Part A + Part B) (Rs.):- | | | | | |

Note:-

- a. If any bidder, who will quote less price (rate) than minimum wages with statutory dues like PF ESI as per Govt Rule, then the firm will be debarred for participation in next tender of this work i.e (their offer will not be considered in next tender of this work).
- b. Work to be assign for manpower (4 Fitter + 2 Mazdoor).

Preventive, running and breakdown maintenance of 2650T press complex. Note:-

- Fitter must have ITI/CTI degree and familiar with hydraulic equipment (upto pressure 250 bar), furnace, EOT cranes etc.
- Tools and tackles are in scope of contractor.



HEAVY ENGINEERING CORPORATION LIMITED (A Govt. of India Enterprises) FOUNDRY FORGE PLANT CONTRACT CELL Dhurwa, Ranchi- 834004, Jharkhand

- The manpower has to attend their duty in A/B/G shift.
- Contractors have to depute a supervisors to look after all these work.

Signature of the bidder with rubber stamp with name, full address, mobile No., P&T No. etc.

For & on behalf of HEC Ltd.

(Sd/-SDGM I/c/CC & D/FFP)