



ISO 9001 Company

**Heavy Engineering Corporation Limited**

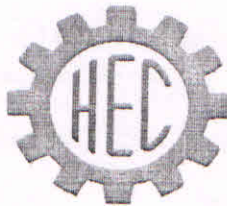
(A Govt. of India Enterprise)

**Heavy Machine Building Plant**

**WORKS CONTRACT (INSIDE PLANT)**

**TENDER DOCUMENTS**

**Engagement of Third Party for carrying  
out Radiographic inspection of  
Production Items at HEC, Ranchi  
premises for a period of three years.**



*Asish Kumar*



ISO 9001 Company

# Heavy Engineering Corporation Limited

(A Govt. of India Enterprise)

Heavy Machine Building Plant

WORKS CONTRACT (INSIDE PLANT)

## HEAVY MACHINE BUILDING PLANT HEAVY ENGINEERING CORPORATION LIMITED PO – DHURWA, RANCHI

No. HMB/CMTU(CPL)/RT –WC02

Dt 26.08.2021

We request you to submit your most competitive offer for the Radiographic test of Production Items at HMBP as per the details.

Job	Production items
Material	Casting, Welding and Forging
Average Thickness	Upto 65 mm
RT Work	Ir-192 Source or Equivalent Method
Minimum Radiographic Exposures per Visit	15
Estimated No of Exposure to be attended per Year	45
Estimated No. of Visit per Year	03

Tender papers are to be collected /submitted in the office of CPL/HMBP from 26.08.21 to 09.09.21 during all working days between 8:00 am to 5:00 pm.

Last date of document sale 09.09.2021 up to 10:00 am

Last date of Tender submission 09.09.2021 up to 1:00 pm  
Date/time

Opening of Tender on 09.09.2021 at 3:00 pm

Cost of Tender Document Rs 250/- (Non Refundable) Exempted on submission of SSI/NSIC/MSME Certificate as per Government Guidelines.

*Lishan Kumar*  
EXECUTIVE FOR



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### CHAPTER-I

1.1 Tender is invited for entering into rate contract for the period of three years at HMBP as per the details.

1.2 Description of work

Radiographic Test are required to be conducted as per the details and Drawing

Item	Forging, Casting, Welded Joints
Material	As per Drawing of production items
Average Thickness	Upto 65 mm
RT Work	Ir-192
No. of Exposures	Minimum Exposure per visit : 15

Note-

1. The radiographic is to be carried out at HMBP/HEC Ltd Ranchi-4.
2. Radiography examination is to be carried out on Casting, forging and welded Joints of different production items.
3. Size of film: - Length 300mm, width 100mm
4. Thickness of job: - upto 65 mm
5. Work Load: The Radiographic Work will be distributed on different dates depending on our requirement, minimum load will be around 15 exposures
6. Completion period of work: approx. 10 exposures per day of offered quantity
7. The radiographic exposed films and reports will be submitted to us and will be the property of HMBP/HEC Ltd Ranchi-4
8. The radiography is to be carried out as per procedure mentioned in ASME Sec. V, Article 2.
9. All Equipments, unexposed films, developer, fixer and technicians shall be provided by Service Provider.
10. Urgency/Priority of work: - The quantity offered for radiographic is to be attended and completed as per our requirement. Firm will take up radiography work within a week after placement of order/ request by I/c-CMTU/HMBP or his representative
11. Quality of Radiography, completion of radiography will be inspected by I/c CMTU/HMBP or his authorized representative.
12. Improper quality of radiographs will be re-radio graphed by service Provider free of cost

1.3 Submission of Tender

The offer is to be submitted in Two Bid.

The offer is to be submitted in two parts. Part I and part II.

Part I of the tender will comprise of Techno Commercial offer which shall contain / cover all terms and conditions, Tender fee, Earnest money deposit (EMD), Information regarding Schedule I & II and one copy of this tender document duly signed on each page. The part I of the tender shall also have the price format (Schedule-I) with blocks duly filled as "Quoted" against each head. The taxes & duties should be clearly spelt out in the techno commercial offer (Part - I).

Part-II of the bid will comprise of price format (Schedule-I) duly filled up by tenderer.

Both the bids as Part-I & Part-II shall be in separate sealed covers clearly super scribing tender reference no. with date and Part I & Part II respectively.

Both envelopes i.e. Part I & II shall be enclosed in one envelope. This envelope shall also be super

*Keshan Kumar*





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scribed on the top with tender reference no., date of opening of tender enquiry and indicating that both the parts (Part I And part II) are enclosed in the envelope.

Tender without EMD (In the form of DD in favour of HEC Ltd., payable at Ranchi) will be summarily rejected.

### 1.4 Eligibility Criteria

- a) Experience of similar work executed during the last one year.
- b) GST Registration number
- c) Qualification of NDT personnel as per Barc Guidelines/ASNT /ISNT

### 1.5 Price

Price is to be quoted strictly in the format enclosed chapter-II Schedule -3 of this tender document. Price quoted should be firm without any deviation. L-1 will be decided on Package basis and Landed cost. The agreed price will remain firm through out the period of the contract.

### 1.6 Acceptance of Tender

Tender may be accepted in full or part. Any incomplete tender in any respect is liable to be rejected. The company is having right to reject any tender without assigning any reason for which no question can be asked anywhere.

a) **Earnest money** - Rs. 5,000/- (Rs. Five thousand only) in the form of D.D. in favour of HEC Ltd. Payable at Ranchi must accompany the tender. EMD shall be exempted for NSIC/SSI Units as per Government Guidelines on submission of documentary proof along with the offer.

The EMD of the unsuccessful tenderers will be refunded immediately after finalization of the contract on receiving a written request from the bidders. For successful tenderer the earnest money will be converted to the security deposit

b) **Security Deposit / Retention money** - shall be 10% of the contract value. In the event of non execution of the contract or withdrawal before expiry of the validity period the security deposit will be forfeited. The security deposit will be refunded within reasonable time of issue of completion / commissioning certificate against the request of the contractor and no claim certificate from the respective engineer/ executing department.

### 1.7 Executing Authority

I/c CMTU/HMBP or his representative will be the executing Authority of this contract and Service Provider after award of work has to take all necessary instruction from him.

### 1.8 Measurement of Work

As per Chapter II, Schedule III duly certified by Executing authority.

### 1.9 Inspection

Quality of radiography, completion of radiography work will be inspected by I/c CMTU/HMBP or his authorized

*Ashwini Kumar*



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representative.

### 1.10 Paying Authority

DGM I/c (Finance)/HMBP is the paying authority.

### 1.11 Submission of the Bills

Service Provider has to submit his bills in triplicate along with acceptance certificate of quality of radiograph against the order to I/c- CMTU/HMBP duly certified by Executing Authority.

- a) GST Invoice in triplicate
- b) Acceptance of quality of Radiography test by Executing Authority

### 1.12 Payments Terms

- 1 95% payment with 100% tax & duties shall be made within 60 days of receipt of invoice and acceptance of invoice. The firm will submit GST Invoice month wise in triplicate along with Inspection Certificate as per QAP.
- 2 Balance 5% shall be made after completion of the contract.
- 3 Income tax and GST TDS will be deducted by HEC as per Govt. Rule

### 1.15 Start of Work

Firm will take up radiography work within a week after placement of order/ request by I/c-CMTU/HMBP or his representative.

### 1.13 Validity of Contract

This contract will be valid for three years from the date of issue of Letter of Acceptance of the Contract, however the contract can be further be renewed on the same firm on same terms & condition for further three years on mutual consent.

### 1.14 Service Provider Responsibility

1. The radiographic exposed films and reports will be submitted to us and will be the property of HMBP/HEC Ltd Ranchi-4
2. The radiography is to be carried out as per procedure mentioned in ASME Sec. V, Article 2.
3. The Radiographic Testing has to be done by Qualified Persons with atleast RT level -I Certificate by Barc and same has to be submitted at time of Inspection. Test Report must be duly signed along with stamp of Certified Radiographer.
4. All Equipments, unexposed films, developer, fixer and technicians shall be provided by Service Provider.
5. Urgency/Priority of work: - The quantity offered for radiographic is to be attended and completed as per our requirement.
6. Improper quality of radiographs will be re-radiographed by service Provider free of cost.
7. Quality of Radiography, completion of radiography will be inspected by I/c CMTU/HMBP or his authorized representative.
8. Safety rules to be followed and safety appliances as suggested by HEC safety department is to be provided by the contractor.
9. Workers must be paid in accordance with latest minimum wages act of the Government.

*Ashish Kumar*





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### 1.15 Facilities to be provided by HEC

- Darkroom, Equipment Storage facility, Film cleaning shall be provided by HEC free of cost.
- HEC will allow the service provider and his men inside the work premises from 6:00 AM to 11:00 PM on working days. They can enter or leave work premises during gate opening/ closing time only. However, they may be allowed to work on Sunday / Holidays for only after prior instructions of executing authority duly approved by COP/ HMBP with intimation to I/c-CMTU/HMBP

### 1.16 Termination of Contract

1. The contract can be terminated if the service Provider fails to complete the work in time and even after giving in writing to him, he does not improve his performance then contract can be terminated.
2. If the Service Provider does not follow statutory rules, safety rules and in spite of giving notice he does not improve.
3. Any other reason due to which company thinks it fit to terminate the contract.
4. In the event of the termination of the contract in part/ full the company can get the work completed from any other agency/ departmentally at the risk and cost of the contractor.

### 1.17 Liquidated Damage

In case of delay in completion of work LD to be levied @ 0.5% of the unfinished part per week of delay subject to maximum deduction of 10% of the contract price.

### 1.18 Arbitration

In case of any dispute in executing of this contract, same to be settled as per the clause mentioned in GCC(General condition of contract ) of Hec Ltd

### 1.19 General Conditions of contract for works contract of HEC Ltd.

The contract will be governed by General conditions of contract for work contract of HEC Ltd., which is available in the website of the company for downloading by the interested tenderer.

### 1.20 Notes

- 1.20.1 Tender shall be prepared by typing or printing on the A4 size sheets in English language only on tenderer letter head and to be submitted in duplicate.
- 1.20.2 The tenderer shall submit signed and stamped copies of all documents regarding eligibility criteria as per clause 1.3.
- 1.20.3 The cover of the envelope should also indicate the name of tenderer and his address. In addition the heading tender opening date and time should be indicated on the left hand corner of the envelope. Any proposal with no indication given on the cover of the envelope to indicate that it is a tender proposal and which if gets opened before the due date and time set for opening shall be liable to be opened and read out. The Tenderer has the option of sending the tender by registered post or submit the proposal in person so as to reach by the date and time indicated in the "Invitation to tender".
- 1.20.4 For any clarification regarding tender before submission the same could be obtained by contacting, Executive, CMTU (Sri Kishan Kumar).

### 1.21 Evaluation

Evaluation will be made by HEC Ltd. based on the eligibility criteria given in the tender. The tenderer has to satisfy himself that full information is furnished as required in the tender. Tender with lack of particular or

*Kishan Kumar*



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incomplete information as furnished shall be liable to be rejected from the evaluation process.

### 1.22 General Condition

- 1.22.1 The contract will be governed by General conditions of contract for work contract of HEC Ltd, which is available in the website of the company [www.hecltd.com](http://www.hecltd.com) for downloading by the interested tenderer.
- 1.22.2 Further, HEC Ltd. Reserves the right to reject any or all proposals without assigning any reasons.
- 1.22.3 Quotation erased or over written are liable to be rejected.
- 1.22.4 Rate and amount are to be indicated both in words & figures and in case of difference between words & figures the former will prevail.

(NK JHA )

SDGM / I/c QCA / HMBP

Kishan Kumar  
Executive ,(MECH)/CPL(HMBP)

(M. K. Pandey)  
DGM,I/c- CMTU(CPL)/HMBP



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**Heavy Engineering Corporation Limited**  
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WORKS CONTRACT (INSIDE PLANT)

Tender Ref No: HMB/CMTU(CPL)/RT-WC02/1

Dt. 26.08.2021

Contact person	
Contact Person	Sri Kishan Kumar, Executive, CMTU/HMBP HEC Ltd., Plant Plaza Road P.O. Dhurwa, Ranchi-834004 (Jharkhand) Phone No. 9490914497/8340216158 Fax No. 0651-2401166
Submission of Proposal	
Last Date	09/09/2021
Time	1:00 PM
Place for submission of offer	CENTRAL METALLURGICAL TESTING UNIT, CPL Building/HMBP/HEC Plant Plaza Road P.O. Dhurwa, Ranchi-834004 (Jharkhand)
Opening of Proposal	
Date	09/09/2021
Time	3.00 PM
Place for opening of TENDER Proposal	Finance Department/HMBP Adm Building/HMBP/HEC Plant Plaza Road P.O. Dhurwa, Ranchi-834004 (Jharkhand)
Tender document	Tender should be submitted in following manner i) Tender Cost Rs 250.00/- ii) Earnest money draft of Rs. 5000.00/- in the form of DD in favour of M/s Heavy Engineering Corporation Ltd., Payable at Ranchi or SBI Hatia. one envelop clearly mentioning Earnest Money draft on the envelop. iii) Technical bid in one envelope-Mentioning Technical bid on the envelope. iv) Price Bid in one envelop - Mentioning Price bid on the envelop. Above document should be kept in one envelop clearly mentioning on envelop "TENDER for carrying out Radiographic Inspection of Prodecton Items at HEC premises for a period of three Years.

*Kishan Kumar*





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No. HMB/CMTU(CPL)/RT - WC02/2

Dt 26.08.2021

CHAPTER -II  
(Schedule-1)

To,

The I/c-Central Metallurgical Testing Unit(CPL)  
Heavy Machine Building Plant  
Heavy Engineering Corporation Ltd.,  
Ranchi – 834 004(Jharkhand)

Dear Sir,

I have gone through the tender Document and I submit my offer for doing the work as specified in the tender. I give following technical details to carry out the work:-

1. Number of persons proposed to be engaged.
2. Number of Equipments to be brought inside HMBP with details.
3. Qualification and Certification of NDT team
4. Details & Documentary proofs of
  - a. Work experience in similar works in past 1 year
  - b. GST registration certificate

(Signature of tenderer)  
With official Seal

*Kishan Kumar*



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Heavy Machine Building Plant

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## CHAPTER – II (Schedule – 2)

To,

The I/c-Central Metallurgical Testing Unit(CPL)  
Heavy Machine Building Plant  
Heavy Engineering Corporation Ltd.,  
Ranchi – 834 004(Jharkhand)

Dear Sir,

I have gone through the contents of the Tender Document and the following clause of the document are not acceptable to me and needs to be amended as below:-

Sl.No.	Clause No.	Amendment proposed
-----	-----	-----

(Signature of Tenderer)  
With official Seal

Note :

If any new clause is to be incorporated then that may be mentioned in this schedule. If no amendment is proposed or new clause be incorporated then the tenderer should write NIL

*Kishan Kumar*



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# Heavy Engineering Corporation Limited

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Heavy Machine Building Plant

WORKS CONTRACT (INSIDE PLANT)

No. HMB/CMTU(CPL)/RT - WC02/3

Dt 26.08.2021

## CHAPTER -II (Shedule-3)

To,

The I/c-Central Metallurgical Testing Unit(CPL)  
Heavy Machine Building Plant  
Heavy Engineering Corporation Ltd.,  
Ranchi - 834 004(Jharkhand)

Dear Sir,

I am pleased to submit my best offer without any deviation or rebate which is as follows:

S.No.	Description.	Unit	Quantity / no of Days for 3 Years	Unit Charge	Total Price	GST	Total Cost (Rs)	Unit Charge ( in Words)
1	Film Charge (Film Size 300mm X 100mm <sup>2</sup> )	Per Film	135 films					
2	Charges for Co-60 With Crew	Per Day	18 days					
3	Mobilization & Demobilization Charge	Per Visit (Lump Sum)	9 times					
			G Total					

Note - Quantity of Film and no of days has been considered on minimum radiographic exposure which is to be covered by firm per visit .However the same may be changed considering the our requirement. The work will be executed by firm based on the unit rate quoted L-1 will be decided on Package basis and landed cost.

(Signature of Tenderer)  
With official seal

*Ashan*





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Annexure – 1

No. HMB/CMTU(CPL)/RT-WC02/4

dtd 26.08.2021

Quotation No.....

	Requisite	✓ your option		Remark
		Yes	No	
1	Reference & Photocopies of Major PO's placed on you by HEC /Other companies for similar work executed during last 1 year	Yes	No	(Upload the relevant documents)
2	Qualification of NDT team	Yes	No	
3	Payment Term (As per clause 1.12 of Terms & condition)	Yes	No	(In case your answer is No, then please mention your term)
4	Submission of inspection report (As per clause 1.9 of Terms & condition)	Yes	No	(In case your answer is No, then please mention your term)
5	Validity (As per clause 1.13 of Terms & conditions)	Yes	No	
6	L.D. Clause (As per clause 1.17 of Terms & conditions)	Yes	No	
7	Service to be provided by firm (As per clause 1.14 of Terms & conditions)	Yes	No	
8	Security Deposit (As per clause 1.6 of Terms & conditions)	Yes	No	
9	GST	Yes	No	Applicable GST (%) .....
10	Whether Terms & Condition/Note etc. mentioned in the tender enquiry is acceptable to the tenderer	Yes	No	

(Signature of Tenderer with seal)

*Abhantun*