



Heavy Engineering Corporation Limited
(A Govt. of India Enterprise)
Heavy Machine Building Plant
WORKS CONTRACT (INSIDE PLANT)

Tender No. ACD/HMB/20/WC/2147-6165

Dtd: 29.10.2020

TENDER DOCUMENT

**Engagement of Contractor for Shot/Grit Blasting
and Painting Work Inside HMBP/HEC**

HEAVY MACHINE BUILDING PLANT
HEAVY ENGINEERING CORPORATION Ltd
P.O.-DHURWA, RANCHI



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We request you to submit your most competitive offer for the following services as at our works i.e. HMBP HEC Ltd. Ranchi.

Sl No	Description of work	Unit	Oty
1	Shot blasting & painting of Steel fabrication	Metric Ton	3000
2	Shot blasting & painting of Steel structure	Metric Ton	1000
3	Shot blasting & painting of Spare of Steel & Mining spares	Metric Ton	200

Tender document FEE non refundable

Rs. 7500/-

(to be submit long with techno-commercial bid as per cl. 1.7 of NIT)

Schedule of Tender receipt

19/11/2020 By up to 1:00 PM

Opening of Tender

19/11/2020 On at 3:00 PM

The complete tender is to be submitted as per instructions given in tender document by 1:00 PM of 19/11/2020 in the tender box at the office of the DGM/I/c/MM / HMBP, HMBP ADM Building, HEC Ltd, Ranchi 4.



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1.1 Description of work

The work involves surface cleaning of plates, sections and fabricated structures by shot/grit blasting and painting of cleaned surfaces, sections and structures by spray with specified/required primer, intermediate paint and finish paint. The work is to be carried out under the technical supervision of HEC Engineers.

1.2 Submission of Tender

The complete tender to be submitted in a separate sealed envelope super scribing the tender no. by 1:00 PM of 19/11/2020 in the office of the DGM/ACD, HMBP ADM Building, HEC Ltd, Ranchi -4.

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

Part- I Techno-commercial bid

Part-II Price Bid

Part I of the tender will comprise Techno Commercial offer which shall contain / cover all terms and conditions, Tender Fee & Earnest money deposit, (Annexure 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 (Annexure III) 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 price format (Annexure III) duly filled up by tenderer.

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

Both envelopes of tender Part I & II shall be enclosed in one envelope. This envelop shall also be super scribed on the top with tender reference no. and date of opening of enquiry indicating that both the parts (Part I And part II) are enclosed in the envelope.

1.3 Eligibility / Required Information to be submitted along with offer:

- a) Contractor should have qualified manpower to perform shot blasting and painting work.
- b) Labour license copy, Permanent Account Number (PAN) of Income Tax Department in the name of the firm, is to be submitted.
- c) GST registration number, ESIC registration no/certificate and EPF code number & compliance.
- d) Status of Constitution and legal status of the contractor (individual, partnership, co-operative, society, registered firm etc.); existence of joint-venture or other tie-ups for technology, equipment, financial backing and/or project management is to be submitted.
- e) Details of Registration with specified agencies/HEC if any to be furnished.
- f) Availability of key personnel for supervision & management of the work or project to be spelt out.
- g) Information regarding project in hand, current litigation, orders regarding execution / expulsion or black listing, if any.

1.4 Price

Price is to be quoted only as per Annexure-III of this tender document. Price quoted should be firm without any deviation. The agreed price will remain firm through out the period of the contract i.e. 12 months from the date of issue of contract. In case of any discrepancy, the rate/ value given in words shall prevail. **L-1 Firm shall be decided on complete package value of all three types of activities at Clause No- 1.5 below.**

1.5 Quantum/Scope of Works

The approximate quantum of work and detailed scope of work is as under:

1) Steel fabrication - 3000 Ton

Scope of work

- I. Steel structure blasting before painting for making surface conforming to Sa2 ½ finish of ISO 8501-1 with surface profile 40-60 micron.
- II. Primer coat application. Curing time min 24 hrs. DFT 70 micron.
- III. Intermediate coat application DFT 100 micron. Curing time min 10 hrs.
- IV. Final coat DFT 70 micron.

Total thickness of finish product = 240 micron.

2) Steel structure – 1000 Ton

Scope of work

- I. Steel structure blasting before painting for making surface conforming to Sa2 ½ of SIS 055900 with surface profile 37-65 micron.
 - II. Primer coat application. Curing time min 24 hrs. DFT 65 micron.
 - III. Final coat DFT 40 micron.
- Total thickness of finish product = 105 micron.

3) Spare of Steel & Mining - 200 Ton

Scope of work

- I. Steel structure blasting before painting for making surface conforming to Sa2 ½ finish of ISO 8501-1 with surface profile 40-60 micron
- II. Primer coat application. DFT 75 micron

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.

1.7 Tender Document Fee

Rs. 7500/- (Rs. Seven Thousand Five Hundreds) in the form of D.D. drawn on any nationalized bank in favour of Heavy Engineering Corporation Ltd. Payable at Ranchi must accompany the tender. **Exemption of tender fees shall be applicable on submission of valid SSI/NSIC/MSME certificate and as per Govt rules.**

1.8 Earnest Money

Rs. 3,00,000/- (Rs. Three lakh only) in the form of D.D./BG drawn on any nationalized bank in favour of Heavy Engineering Corporation Ltd. Payable at Ranchi must accompany the tender. **Exemption of EMD shall be applicable on submission of valid SSI/NSIC/MSME certificate and as per Govt rules.**

EMD of the successful bidder will be converted to security Deposit. The E.M.D will be refunded to the unsuccessful tenderer within a reasonable time.

1.9 Security Deposit

Security deposit shall be 10% of the contract value. The SD amount (as retention money) shall be deducted @ 10% from the running bills. In the event of non execution of the contract or withdrawal before expiry of the validity period security deposit will be forfeited.

1.10 Refund of Security Deposit

The security deposit will be refunded within 14 days time of issue of completion certificate against the request of the contractor and no claim certificate from the respective executing department.

1.11 Executing Authority

I/c 041-042, & I/c SFW/HMBP will be the executing authority of the contract and contractor after award of work has to take all necessary working instructions from them only.

1.12 Inspection

Inspection will be done by QCA/HMBP or their representative. QAP (Quality Assurance Programme) whenever required will be given to the contractor.

1.13 Measurement of Work

Contractor has to detail out the method to evaluate the quantum of work done using physical parameters and to be duly recorded in Measurement Book. Depending on work, time frame may be indicated against successive quantum of task.

1.14 Paying Authority: DGM I/c (Finance)/HMBP

1.15 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.

1.16 Submission of Bills

Contractor has to submit his bills in triplicate along with following documents once in a month to DGM/ACD/HMBP duly certified by I/c 041-042 Shop/HMBP or I/c / SFW shop/ HMBP.

- a) Running Account bill duly verified by respective Shop/HMBP
- b) Work verified by QCA/HMBP
- c) Measurement book submitted
- d) EPF payment compliance
- e) Wage Sheet

1.17 Payments Terms

Contractor can claim payment for the value of work done at the end of every month. TDS shall be deducted as per rule.

1.18 Arbitration

In case of any dispute in executing of this contract the same to be settled by arbitrator appointed/nominated by chairman-cum Managing Director of HEC Ltd as per the clause mentioned in the General Conditions of Contract for works Contracts of HEC Ltd. The decision given by such arbitrator shall be final and binding on both parties i.e. HEC Ltd. and the contractor.

1.19 Start of Work

The successful tenderer shall start the work within 1 weeks of issue of Letter of Award of the Work Order. The contractor will meet the executing authority for taking possession of working area in the shop.

1.20 Validity of the contract

Validity of contract will be one year from the date of issue of LOA/ Work Order i.e. contract period shall be one year with a provision of extension on satisfactory performance and mutual agreement. **However contractor must have sufficient manpower to perform blasting and painting operation of minimum 600 MT per month.**

1.21 Contractor's Responsibility

- a) Equipments to be arranged by contractor
 - I. Blasting chamber to be prepared by contractor along with blasting equipment, Compressor, Compressed airetc. required to perform the specified work.
 - II. Necessary accessories such as valves hoses etc.
 - III. Painting equipments such as spray Machine/ Gun, Painting Brushes etc.

- IV. Safety equipments/ dresses such as PPE, masks, eye protective etc., for the employee of the contractors.
- b) Manual handling/ handling of steel, inside the chamber is to be done by contractor.
 - c) After Shot Blasting the blasted surface will be put up to HMBP inspection in writing for obtaining the clearance from QCA. The painting inspection will be carried and will be passed finally by QCA/HMBP or his authorized inspector.
 - d) Statutory rules like P.F. deduction, Group insurance, ESI etc. to be followed by the contractor.
 - e) Contractors who have been awarded works contracts should have EPF code number.
 - f) In case the contractor has his own EPF Code given by RPFC, then in that case he should deposit the contribution of his workmen against their UAN no every month and will submit a copy of the challan in this regards along with his bills to the concerned finance deptt.
 - g) Safety rules to be followed and safety appliances as suggested by HEC Safety department is to be provided by the contractor to their workmen.
 - h) Workers must be paid in accordance with minimum wages act Of the Government. Bank A/c of each and every persons working under the tenderer should have individual bank account.
 - i) Accommodation for worker & staff shall be in the scope of contractors.
 - j) Expenses incurred due to COVID-19 related testing/protocols including quarantine...etc.
 - k) Any rejection of parts due to poor workmanship or miss handling is sole responsibility of the contractor & proportionate cost shall be deducted judiciously as decided by the respective executing shop or QCA.
 - l) Accountability/optimization of all free issue items provided by HEC is to be ensured by the contractor in line with directions of shop in-charge.



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1.22 Facilities to be provided by HEC

- a) Paint, thinner and grit/shots for blasting shall be provided free of cost by HEC.
- b) Crane, Power and water, space shall be provided free of cost by HEC.
- c) Space required for storage cum office will be provided at work site by HEC.
- d) HEC will allow the contractor and his men inside the work premises in all the three shifts 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/ holiday only after prior instructions of executing authority duly approved by GM/ HMBP.

1.23 Agreement

The Successful tenderers shall be required to enter into an agreement with the company on non-judicial stamp paper of requisite value. The General and special condition of contract along with this tender document will form part of agreement.

1.24 Termination of Contract.

- a) Unprecedented delay in execution of work due to shortage of manpower or other resources in the scope of contractor may lead to termination of contracts with due procedure of HEC.
- b) The contract can be terminated if the contractor fails to perform the work assigned in time and even after giving in writing to him, he does not improve his performance then contract can be terminated.
- c) If the contractor does not follow statutory rules, safety rules and in spite of giving notice he does not improve.
- d) Any other reason due to which company thinks it fit to terminate the contract.
- e) 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.

1.25 General Conditions of contract for work 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.

(DGM/ACD/HBMP)
For & On Behalf of HECL



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Annexure - I

To,

The DGM / ACD/HMBP
HMBP, Ranchi- 834 004

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.
(With details like trade, experience, qualification etc.)
2. Number of equipments to be brought inside HMBP with details :
3. Other tools and tackles to be brought inside HMBP :
4. Details of D.D. submitted as E.M.D. :.....
5. Details of DD Non refundable towards the cost of Tender Document/ application Fee :.....
6. Details of other documents enclosed with the offer are as below:

Sl.No.	Description	Remark
1	Sufficient qualified manpower detail to complete blasting and painting operation of 600MT/month.	(Yes / No)
2	Labour License copy	(Yes / No)
3	PAN No. of IT deptt. in the name of the firm	(Yes / No)
4	GST Registration No./ Certificate	(Yes / No)
5	ESIC Registration No./Certificate	(Yes / No)
6	EPF Code Number / Certificate	(Yes / No)
7	Documents regarding Legal status of the contractor as per NIT cl no 1.3 (d)	(Yes / No)
8	Details of Registration with specified agencies/HEC	(Yes / No)
9.	Validity of offer 90 days	(Yes / No)

Date:

(Signature of Tenderer)
With official Seal



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Annexure - II

To,

The DGM /ACD/HMBP
HMBP, Ranchi- 834 004

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
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Date:

(Signature of Tenderer)
With official Seal

Note :

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



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Annexure –III (Price Bid)

To,

The DGM /ACD/HMBP
HMBP, Ranchi- 834 004

Dear Sir,

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

Sl No	Description of work	Unit	Oty	Basic Rate (Rs./Unit)	Total Basic Value (in Rs.)
1	Shot blasting & painting of Steel fabrication (as cl.no.1.5 of NIT)	Metric Ton	3000		
2	Shot blasting & painting of Steel structure (as cl.no. 1.5 of NIT)	Metric Ton	1000		
3	Shot blasting & painting of Spare of Steel & Mining spares (as cl.no. 1.5 of NIT)	Metric Ton	200		
Total					

GST Rate-(.....)

Total price in words: _____

(Signature of Tenderer)
With official Seal

Note :-

1. The total price is to be given in figures and words as well. In case of any discrepancy the value given in words shall prevail.
2. **L-1 Firm shall be decided on complete package value of all three types of activities.**