

# TENDER DOCUMENT

FOR

Painting of 1<sup>st</sup> 450+100/16Tx 25m Span FG EOT Crane (003) of BSL Bokaro.

AT

**BOKARO STEEL PLANT, SAIL (Bokaro)**

Tender No. HMB/CED/BSL/450T/2019-01



AN ISO 9000 COMPANY

**HEAVY ENGINEERING CORPORATION LIMITED**  
**CRANE EXECUTION DIVISION/HMBP**  
(A Government of India Enterprise)

RANCHI – 834 004

Ph.: (0651) 2401200, Fax: 0651-2401166/2401571



Tender No. : HMBP/CED/BSL/450T/2019/OI

Dated-21.08.2019

Sub: Open Tender enquiry for painting of 1<sup>st</sup> 450+100/16Tx 25m Span FG EOT Crane (003) of BSL Bokaro.

**INFORMATION**

Open Tender is invited for painting of 1<sup>st</sup> 450+100/16Tx 25m Span FG EOT Crane (003) of BSL Bokaro.

Designated Contact person for Tender Paper and enquiries:

- |  |  |   |
|--|--|---|
| i) Mr. P K Mohan<br>Sr.DGM I/c (MAINT. & CED)/HMBP | ii) Mr. Alok Ranjan<br>RR, BSL, Bokaro | iii) Mr. Rakesh Kumar<br>DY.Mgr(CED)/HMBP |
|--|--|---|

Phone No: 0651-2401200, 2401544

Room No. 72, 2nd Floor.

Administrative Building/HMBP

Heavy Engineering Corporation Ltd.,

Ranchi – 834 004 (Jharkhand)

Fax no. 0651 – 2401166 / 2401571

E-mail – [pkmohan@hecltd.com](mailto:pkmohan@hecltd.com), [rakesh.kumar@hecltd.com](mailto:rakesh.kumar@hecltd.com), [pushpeshraj@hecltd.com](mailto:pushpeshraj@hecltd.com),  
[cedhmbp@hecltd.com](mailto:cedhmbp@hecltd.com), [alokranjan@hecltd.com](mailto:alokranjan@hecltd.com)

Sealed offers are to be submitted in three parts as mentioned under at the above address.

**Part I Earnest Money Deposit (EMD) & Tender fee**

**Part II – Techno commercial bid**

**Part III – Price Bid.**

Part I, Part II & Part III offers shall be in separate sealed covers. The tenderer are to clearly super scribe on the top of each envelope the relevant part number and description along with tender reference number and date of opening. All the envelopes (Part I, Part II & Part III) shall be enclosed in one envelope. This envelope shall also be super scribed on the top with tender reference number and date of opening of enquiry, indicating that all the three parts (i.e. Part I, Part II & Part III) are enclosed in the envelope.

**Cost of tender paper:** Rs. 250/- (Rupees two hundred Fifty) only payable by DD in favour of "Heavy Engineering Corporation Ltd." Payable at "State Bank of India, Hatia". Tender fee in any case is non returnable.

**Values of EMD :** Rs. 5,000/- (Rupees Five Thousand) only payable by DD in favour of "Heavy Engineering Corporation Ltd." Payable at "State Bank of India, Hatia" with validity not less than three-months.

- (i) Cost of Earnest money (EMD) of the unsuccessful bidders will be refunded immediately after finalization of the Contract on receiving a written request from the bidders.
- (ii) For the case of successful tenderer, the EMD will be converted to Security Deposit (SD). No Interest shall be payable on EMD and SD.
- (iii) Exemption from deposition of EMD for Small Scale Industries (SSI) or any other category will be guided as per prevailing Government Guidelines on production of documentary evidence in its support.

Offers without EMD will be summarily rejected.

Last date of submission of tender: 04.09.19 --- Up to 12.00 PM

Tender Opening date: 04.09.19--- At 03.00 PM

**Techno Commercial part:**

**A) Brief scope of work :** The scope of work of painting of 1 Nos. 450T Crane is inclusive of Cleaning, buffing and painting consisting of primary coat(30-40 micron/coat), Intermediate coat(70-80 micron/coat), and final coat(40-50 micron/coat) of all parts & components of the 450T Crane.

The work is to be executed at a height of 30meters in heavy duty & high capacity 450T Crane. The offers should be inclusive of all required tools & tackles, safety PPE, safety net , PF, ESI and other applicable wages if any and Contractor Benefits etc. excluding GST.

**Note: - Paints will be free issue item and will be provided by HEC. Transportation of paints from store to painting area will be in the scope of tenderer.**

All the firms participating in the above tender are requested to visit the erection site for taking complete overview of work scope and also advised to study the drawings of system for details of work. The work is to be completed as per availability of site and shutdown wherever required and as per site conditions as required. Paints will be provided by HEC/BSL. Safety net is necessary for painting job and included in the scope for arrangement of safety net.

The detail procedure for painting as per annexure-B.

Price Bid format as per annexure-A

**B) Completion of work:** Contract will be valid for period of 1 month from the date of issue of work order .

**C) Payment Terms:**

1)100% payment against submission of GST Invoice along with PF, ESI, & wage Sheet will be made after completion of complete work and Certified by our site in charge. However, SD & other deduction as per prevailing rules.

**D) PAYING AUTHORITY:** DGM I/c(Finance)/HMBP

Heavy Machine Building Plant  
Heavy Engineering corporation Limited  
Ranchi- 834004

- i) Payment will be made against RA Bills along with GST invoice to be submitted to Sr.DGM I/C(Maint. & CED)/HMBP (in Quadruplicate) for each and every case along with proper documents (PF,ESI,wage Sheet/muster Roll and completion certificate)for payment.
- ii) TDS will be deducted as per I.T. and GST Rules.
- iii) Contractor has to file GST return on time to get credit of the same. Any loss on account of taking ITC of GST due to fault by Contractor, the same will be recovered from the subsequent bill or SD.

**E) GCC of HEC** will be applicable wherever required.

**F) EMD-** A EMD of Rs 5000/- (Rupees Five Thousand Only) has to be submitted payable by DD in favor of "Heavy Engineering Corporation Ltd" Payable at "State Bank Of India, Hatia " (In case of exemption, please provide SSI(Small Scale Industries) certification)

**G) Tender fee:** Tender fee of Rs. 250/- (Non returnable)has to be submitted payable by DD in favor of "Heavy Engineering Corporation Ltd" Payable at "State Bank Of India, Hatia "

**H) GST registration will be required and relevant documents to be submitted.**

**I) SECURITY DEPOSIT (SD)**

Security Deposit/ Retention Money shall be 10% of the Contract value. Earnest Money of the successful bidder will be converted to Retention Money. The remaining Retention Money shall be deducted at the rate of 10% from the running bills.

The remaining money for security deposit can also be deposited in the form of Bank Guarantee. In the event of non-execution of the contract or withdrawal before expiry of validity period, the EMD/SD shall be forfeited.

**J) LIQUIDATED DAMAGE (LD)**

If the tenderers fails to complete the work within the stipulated time fixed in the order, the tenderers shall be liable to pay to HEC @ 0.5% of the total contract price per weeks of delay or part thereof by which the completion of work has been delayed, subject to a maximum limit of 10% of the total contract price.

**K) FORCE MAJEURE**

Time being the essence of the contract, if either party is prevented from the Performance of its obligations in whole or in part for reasons of Force Majeure, viz acts of God, acts of Government, acts of Public enemy, war, hostility, civil commotion, sabotage, fire, flood, explosion, strike, and lawful lockout, then provided notice of happening of any such eventuality is given by the effected party to the other party immediately & maximum within 15 days from the date of occurrence and cessation of the force majeure, the period of Force Majeure shall be excluded accordingly.

If the Force Majeure event(s) continue beyond the period of 3 months, the parties shall hold consultation to chalk out the further course of action. Neither party can claim any compensation from other party on account of Force Majeure.

**L) ARBITRATION**

- a) All Disputes or differences, whatsoever, arising between the parties out of or in relation to the construction, meaning and operation or effect of this Contract or breach there of shall be settled amicably. If, however, the parties are not able to resolve them amicably, the same shall be settled by arbitration in accordance with the Rules of Arbitration of the Indian Council of Arbitration as per the provision of Arbitration Conciliation Act 1996 and the award made in pursuance there of shall be binding on the parties. The Arbitrator /Arbitrators will give reasoned award.
- b) Work under the contract shall continued by the Bidders during arbitration proceeding unless otherwise directed in writing by HEC/BSL or unless the matter is such that work cannot be continued until decision of the arbitrators or of the umpire , as the case may be, is obtained and save as those which are otherwise expressly provided in the contract, no payment due or payable by the purchaser shall be withheld on arbitration proceeding unless it is the subject matter or on the subject matter thereof.
- c) The Venue of arbitration shall be Ranchi, Jharkhand

**M) RISK AND COST**

If the bidders fail to complete the work and comply with notice given in this regard within the period as considered reasonable for such compliance from the date of serving the notice, then in such case without prejudice to purchasers right under this clause the purchaser shall have at his option to take the affected work wholly or in part out of the bidder's hand and may complete the work at a reasonable price with 22.5% overhead expenditure at the risk & cost of the bidders.



## PRICE- BID

To,  
The Sr.DGM I/c (Maint. & CED)  
2<sup>nd</sup> floor, ADM Building, HMBP  
HEC Ltd. Ranchi

Sub: Price Bid for the Tender No : HMB/CED/BSL/450T/2019- , Dated:22.01.19

Dear Sir,

Our most competitive price for the scope of work given in the Tender Paper is as under:

Si. No.	Description of work	Total Amount(INR)
1	Painting of 1 Nos. 450T Crane is inclusive of Cleaning, buffing and painting consisting of primary coat(30-40 micron/coat), Intermediate coat(70-80 micron/coat), and final coat(40-50 micron/coat) of all parts & components of the 450T Crane.	.....

\*GST will be extra as applicable at the time of finalization of work order/LOI.

Total quoted price in words

(Rs.).....

.....

Signature of the Tenderer with Seal of the company

*Banpurjya*

*Gr*

All cranes will be painted as per specification prior to dispatch. Necessary surface cleaning by mechanical power tools as well as blast cleaning of the surface required will be done before painting. The equipment has to be painted with requisite grade of primer and intermediate paint prior to dispatch. Necessary heat resistant, anti corrosive and special paints have to be applied as per requirement. The detail painting procedure to be followed by the Contractor has been indicated in General Technical Specification (GTS). However following will also be considered for painting of cranes:

i) All parts of the crane will be thoroughly cleaned of all mill scales, rust or foreign matters and then painted as specified. The surface cleaning will conform to Indian Standard/ Swedish Standard/ DIN standard.

ii) All parts of the crane (except motors, resistors, gears, thrusters etc.) will be painted at shop with one primer coat of PVC copolymer alkyd resin with red oxide/ zinc chromate.

For corrosive atmosphere all surfaces will be coated with two (2) coats of Epoxy Zinc based on zinc dust.

iii) Interior of all gear housing will be painted with oil resistant paint.

iv) All machine pads, bearing surfaces on structure or housing will be painted with white lead.

v) All parts inaccessible after assembly will be painted before and assembled while paint is still wet.

vi) After erection the damaged portion of the painted surfaces will be retouched and then one intermediate coat of PVC copolymer alkyd resin will be applied. The colour will be as per choice of the Purchaser.

vii) Subsequently one final coat of PVC copolymer alkyd with weather resistant pigment (approved by Purchaser) and glossy finish will be applied.

viii) The detail of dry film thickness (DFT) of the different coats will be as follows:

a)	Primary coat	=	30-40 micron/coat
b)	Intermediate coat	=	70-80 micron/coat
c)	Final coat	=	40-50 micron/coat

x) The buffer and hook block of the crane will be painted with yellow base and 100 mm wide black zebra strips at a gap of 100 mm at 30° inclinations.

xi) Colour scheme will be as approved by the Purchaser.

The colour code for electrical equipment will be as per clause no. 06.04.27 of GTS Contract Technical Specification.

**ADDRESS FOR CORESPONDANCE:**

Any Correspondence on this tender is to be addressed to:

Sr.DGM I/c (Maint. & CED)/HMBP  
Crane Execution Division  
Room No. 64, 2nd Floor.  
HMBP Administrative Building  
Heavy Engineering Corporation Ltd.,  
Ranchi – 834 004 (Jharkhand)  
Fax no. 0651- 2401166  
Phone no. 0651 2400988  
E-mail - pkmohan@hecltd.com

*km*

*Sanjay Singh*