

BHARAT HEAVY ELECTRICALS LIMITED, JHANSI

Factory Civil Department

TENDER DOCUMENT

TENDER ENQUIRY NO.: FCX/TW/24/03

DATE:- 16/05/2024



TENDER DOCUMENT

For Works Contract

For Tender Enquiry No : FCX/TW/24/03

For

“CONSULTANCY WORK FOR ENHANCEMENT OF CRANABLE CAPACITY AT BAY-9 AND BAY 10 INSIDE FACTORY PREMISES IN BHEL JHANSI.”

Contact Person :

Name : Vinod Kevre

Designation : Sr. DGM (CMM)

Email : kevre@BHEL.in

PH : 0510 – 241 – 2797

Tender Due Date 31/05/2024 at 13 :15 Hrs

Tender Opening Date : 31/05/2024 at 14 :00 Hrs

Material Management Department

BHEL, PO : BHEL, Jhansi 284120 (UP)

BHARAT HEAVY ELECTRICALS LIMITED, JHANSI**Factory Civil Department****TENDER DOCUMENT****TENDER ENQUIRY NO.: FCX/TW/24/03****DATE:- 16/05/2024****Detail of Bidder and Documents to be submitted along with Technical Bid**

Please number your documents in continuation with tender documents at bottom (footer) of page.

S.No.	Particular	Detail	
1.	Name of the firm		
2.	Name of the Proprietor/Partners		
3.	Address		
4.	Mobile No.		
5.	E-mail ID		
Documents			
	Particular	Detail	Page No
6.	Acceptance of Terms & conditions Signature on all pages without conditions of contractor	Submitted/ Not submitted	
7.	Blank price bid format duly signed by the contractor.	Submitted/ Not submitted	
8.	Copy of PAN card	PAN No-	
9.	Copy of GST registration	GST No-	
10.	Self declaration as per annexure V on letter head.	Submitted/ Not submitted	
11.	Copy of ownership of firm	Submitted/ Not submitted	
12.	Reciept of tender fees deposition	Amount	
13.	Reciept of EMD deposition	Amount	
14.	Copy of turn over and income tax return for last three year i. 2020-21 ii. 2021-22 iii. 2022-23	Submitted/ Not submitted	

We hereby accepted above (Signature & seal of bidder)**Seal & Signature OF BHEL contracting authority**

BHARAT HEAVY ELECTRICALS LIMITED, JHANSI

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15.	Work Experience i. Work order ii. Completion Certificate Tax invoice / TDS Certificate (Traces form 26AS or 16A) submission is also required along with the offer for experience in Private/GOVT/PSU works	Submitted/ Not submitted	
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We will fulfill all the obligations of the contractor and abide by the terms & Conditions mentioned in the enquiry.

Date :-

Signature With Name & Seal

We hereby accepted above (Signature & seal of bidder)

Seal & Signature OF BHEL contracting authority

BHARAT HEAVY ELECTRICALS LIMITED, JHANSI**Factory Civil Department****TENDER DOCUMENT****TENDER ENQUIRY NO.: FCX/TW/24/03****DATE:- 16/05/2024****TABLE OF CONTENTS****PART I: TECHNO-COMMERCIAL BID**

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Part II:**PRICE BID****(Separate envelope)**

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We hereby accepted above (Signature & seal of bidder)**Seal & Signature OF BHEL contracting authority**

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NOTICE INVITING TENDER



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Seal & Signature OF BHEL contracting authority

BHARAT HEAVY ELECTRICALS LIMITED, JHANSI**Factory Civil Department****TENDER DOCUMENT****TENDER ENQUIRY NO.: FCX/TW/24/03****DATE:- 16/05/2024****1- NOTICE INVITING TENDER**

S. No.	Particulars	Details
1.	Name of work	"Consultancy work for enhancement of cranable capacity at Bay- 9 and Bay 10 inside factory premises in BHEL Jhansi"
2.	Tender Evaluation Criteria	As per GTC issued by "Central Contracting Cell" and Tender Documents.
3.	Duration of the Contract	The Overall Completion Period for the work is 2 years from the date of start of Work Order.
4.	Last date of receipt of the Tender	(As on page # 1)
5.	Date of opening Tender	(As on page # 1)
6.	Address for submitting the tender	(As on page # 7)
7.	Earnest Money Deposit (EMD)	Nil
8.	Cost of tender (Non refundable)	Nil
9.	Validity of Offer	120 days
10.	Defect liability period	Defect Liability Period shall be 2 years from the date of completion of work order.
11.	Reverse Auction	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 the reverse auction, their sealed envelope price bid along with applicable loading, if any, shall be considered for ranking .
12.	MSME Benefit	As per attached PQR
13.	Start-up scheme Benefit	Not Applicable

Note: The EMD may be accepted only in the following forms:

(i) Electronic Fund Transfer credited in BHEL account (before tender opening)

BHEL account details: Bank Name: - SBI; A/c No.:- 10670828866; IFSC Code:- SBIN0003807 A/c Holder Name:- BHARAT HEAVY ELECTRICALS LIMITED

(ii) At BHEL cash office through POS machine **No Demand Drafts shall be accepted.**

The contractors may physically visit the work place before quoting their rates. For relevant details, please visit our website "www.bhel.com" & "www.eprocure.gov.in"

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DATE:- **16/05/2024**

Note: BHEL takes no responsibility for any delay / loss of documents or correspondence sent by courier or post. Late tenders shall be rejected outright.

The techno-commercial bid comprising (i) all its sections, (ii) all enclosures in support of various clauses and requirements and (iii) EMD, shall be duly signed and sent in a sealed envelope boldly super-scribing

“PART-I TECHNO COMMERCIAL BID FOR “Consultancy work for enhancement of crenable capacity at Bay-9 and Bay 10 inside factory premises in BHEL Jhansi.” Similarly, the Price-bid must be duly signed and sent in a sealed envelope boldly super-scribing **“PART-II PRICE “Consultancy work for enhancement of crenable capacity at Bay- 9 and Bay 10 inside factory premises in BHEL Jhansi.”** Both these envelopes shall be placed inside 3rd sealed envelope super-scribing” duly signed and sent in a sealed envelope boldly super-scribing **“Consultancy work for enhancement of crenable capacity at Bay- 9 and Bay 10 inside factory premises in BHEL Jhansi.”**

The tender shall be addressed to as follows:

Name : Vinod Kevre

Designation : Sr. DGM (CMM)

Email : kevre@bhel.in

PH : 0510 – 241 – 2797

Sealed Tenders can be submitted (i) personally, (ii) by Courier/Post

If submitted personally

Tender Box

Security Control Room/Office

Administrative Building

Bharat Heavy Electricals Limited

Jhansi-284120 (U P)

Or if sent through Courier / Post

Office of

Name : Vinod Kevre

Designation : Sr. DGM (CMM)

Email : kevre@bhel.in

PH : 0510 – 241 – 2797

Or if sent through email

Email Id: tenderbox.jhs@bhel.in

(Kindly do not send on any other email id of any official of BHEL)

Part-I Techno Commercial bid:

BHARAT HEAVY ELECTRICALS LIMITED, JHANSI

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Part I of the sealed tenders alone will be opened by BHEL in the presence of tenderers who are present at the time & place of opening. A signed blank price-bid copy should be enclosed with this bid. The spaces for prices should be crossed (x).

Part-II Price bid:

The price bid should contain prices only. Price bid will be opened only for the parties who qualify in techno commercial bid.

TO BE SIGNED BY THE TENDERER

Certified that all Sections of the Tender have been read / complied & agreed to, and each page of the tender offer has been signed & stamped.

(Signature of Authorized person(s))

BHARAT HEAVY ELECTRICALS LIMITED, JHANSI

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Brief Description of Work / Scope of work

Name of work: **“Consultancy work for enhancement of crenable capacity at Bay- 9 and Bay 10 inside factory premises in BHEL Jhansi.”**

Refer to the attached file for Scope of Work

Qualifying Requirements

1. Copy of PAN Card to be submitted.
2. Copy of GST Registration to be submitted.
3. Self-Declaration undertaking duly signed with stamp of the bidder on letter Pad of contractor to be submitted.
4. Signed copy of Blank Price Bid.

5. **Work Experience:** Bidder should have experience of executed similar work during last 7 years ending the month previous to the month of issuing tender enquiry either of the following: -

Three similar works each valuing not less than the amount equal to **Rs 6.72** Lakhs or

Two similar works each valuing not less than the amount equal to **Rs 8.40** Lakhs or

One similar works each valuing not less than the amount equal to **Rs 13.44** Lakhs.

Executed Similar Work means bidder has experience of “**Consultancy service pertaining to structural design of civil structure(s) of any type.**” of requisite value even if the contract has not been completed or closed (in any PSU / CPSU / State govt. / Central Govt./ Private sector).

Documentary proof (Completion Certificate and WO/PO / LOI) & TDS certificate issued from traces (Form16A) for the experience performance report issued by Customer for successful execution of the requisite value is to be submitted. In case experience is submitted for work done in BHEL, TDS certificate is not required.

6. Turnover criteria: Average Annual financial turnover during the last 3 years ending 31st March 2023, should be at least **Rs. 5.04 Lakhs** (Bidder to attach audited balance sheet and Profit & Loss Account of last three financial years, ending 31st March 2023, or Certificate of CA as proof of financial T/o for respective years). If T/o details of 3 years are not available, then available years T/o shall be evaluated by dividing it by 3.

Note-1:- Benefits under Start Up Scheme/MSE bidders: Considering critical quality aspects and technical specification implications for the work, no relaxation shall be given to MSE/Start-up bidders on account of turnover criteria & prior experience.

Documentary proof in support of above eligibility criteria shall be submitted along with Techno Commercial Bid

7. EMD Value - Nil

8. The documents required for legal entities under whose name and style contractor has participated in the tender are as follows:

(i) Partnership Firm: Partnership Deed & registration certificate issued by office of registrar of Firms.

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(ii) Company: Certified copy Memorandum of Association, Article of Association and Incorporation Certificate.

(iii) Society: Registration certificate issued by Registrar of societies.

(iv) Sole Proprietor-ship: Undertaking on oath (Rs. 100 stamp paper) that Proprietor is solely responsible for all rights and liabilities while working under the name and style of Sole Proprietorship firm namely (_____)

09. Bidders are required to submit a self-declaration to avoid cartel formation on their letter head as per the Format enclosed in Annexure A.

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SPECIAL TERMS AND CONDITIONS FOR CONTRACT

Name of work: "Consultancy work for enhancement of cranes capacity at Bay- 9 and Bay 10 inside factory premises in BHEL Jhansi."

Completion Period: The Overall Completion Period for the tender is 2 years from the date of start of Work Order.

Milestone 1: The time period for carrying out the "Feasibility Study" and Submission of detailed vetted report (As per item number 1 and 3 of BOQ) is 3 months from the date of start of Work Order. 80% of value in respective BOQ item 1 & 3 shall be released within 30 days of submission of vetted report to BHEL Jhansi as per BOQ (After deducting Security Deposit as per tender condition).

Milestone 2: BHEL will carry out the modification works as proposed by consultant and will provide intimation regarding completion of work in Bay 9 and Bay 10. The time period for reviewing the modification work carried out by BHEL and providing "Structural Stability Certificate" is 3 months from the date of intimation by BHEL. Balance 20% of value in respective BOQ item 1 & 3 shall be released after completion of work along with the payment for BOQ item 2 & 4 on submission of "Structural Stability Certificate" after deducting Security Deposit as per tender condition.

The entire work shall be considered complete after submission of "Structural Stability Certificate" post completion of modification work in Bay 9 and Bay 10.

Defect Liability Period: Defect Liability Period shall be 2 years from the date of completion of work order.

Penalty Clause: Milestone wise penalty shall be applicable under this contract. In case of delay, solely attributable to contractor, in completion of allotted work beyond specified time, penalty of 0.5 % per week of delayed portion/quantity shall be deducted from the Contractor's bill, limited to the maximum of 10 % of delayed portion/quantity.

Other terms and conditions shall be as per

GENERAL TERMS AND CONDITIONS OF ENQUIRY FOR WORKS CONTRACTS (JHS 2055C R02)

UPLOADED IN SEPERATE FILE - PAGE NO 01 TO 14
(To be signed by contractor and submitted along with bid)

BHARAT HEAVY ELECTRICALS LIMITED, JHANSI**Factory Civil Department****TENDER DOCUMENT****TENDER ENQUIRY NO.: FCX/TW/24/03****DATE:- 16/05/2024****Blank price bid -476**

Sr. No	Description	% Allocation (Item-wise)	Unit	Qty	Rate per Unit (in Rs.)	Amount (in Rs.)
1	<p>Providing Consultancy works for Feasibility study of existing structure at Bay-9, having size of 300 m x 24 m and submission of report in order to ascertain stability of structural steel structure and foundation to sustain the loading of 300 MT through EOT crane in place of existing 250 MT (2 Cranes of 125 MT are used in tandem) by way of conducting Non-destructive testing as needed such as spectrometer analysis, ultrasonic testing structural steel members, analysis of verticality of columns through total station and rebound hammer test over foundation and any other test necessary to ascertain the loading of 300 MT and study of existing sections of superstructure as per built drawings.</p> <p>Ultra sonic testing and verticality is to be checked for all the 56 Column of Bay 9. Rebound hammer test, Spectrometer Analysis and any other test required are to be carried out as per the requirement of structural audit.</p> <p>As per study and results of test obtained, consultant has to provide detailed specification for strengthening of existing structural steel structure required to increase the loading capacity to 300 MT along with submission of design and drawings and necessary backup calculation in three copies. The recommendation must contain the Bill of Quantity for modifications work proposed by consultant for enhancement of Cranable Capacity. Design, drawing and recommendation documents must be vetted by any reputed govt. institution such as IIT's/NIT's/other</p>	52.380952%	Lot	1	#VALUE!	#VALUE!

We hereby accepted above (Signature & seal of bidder)**Seal & Signature OF BHEL contracting authority**

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	Government reputed college or university for suitability of the existing structural steel structure and foundation as per relevant Indian standards. Size of Bay 9: 300 m x 24 m Number of main columns: 56					
2	Providing "Structural Stability Certificate" post completion of modification work as proposed by consultant for Bay 9.	1.904762%	Lot	1	#VALUE!	#VALUE!
3	Providing Consultancy works for Feasibility study of existing structure at Bay-10, having size of 168 m x 24 m and submission of report in order to ascertain stability of structural steel structure and foundation to sustain the loading of 125 MT through EOT crane in place of existing 50 MT by way of conducting Non-destructive testing as needed such as spectrometer analysis, ultrasonic testing structural steel members, analysis of verticality of columns through total station and rebound hammer test over foundation and any other test necessary to ascertain the loading of 125 MT and study of existing sections of superstructure as per built drawings. Ultra sonic testing and verticality is to be checked for all the 34 Column of Bay 10. Rebound hammer test, Spectrometer Analysis and any other test required are to be carried out as per the requirement of structural audit. As per study and results of test obtained, consultant has to provide detailed specification for strengthening of existing structural steel structure required to increase the loading capacity to 125 MT along with submission of design and drawings and necessary backup calculation in three copies. The recommendation must contain the Bill of Quantity for modifications work proposed by consultant for enhancement of	43.809524%	Lot	1	#VALUE!	#VALUE!

We hereby accepted above (Signature & seal of bidder)**Seal & Signature OF BHEL contracting authority**

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	Cranable Capacity Design, drawing and recommendation documents must be vetted by any reputed govt. institution such as IIT's/NIT's/other Government reputed college or university for suitability of the existing structural steel structure and foundation as per relevant Indian standards. Size of Bay 10: 168 m x 24 m Number of main columns: 34					
4	Providing "Structural Stability Certificate" post completion of modification work as proposed by consultant for Bay 10.	1.904762%	Lot	1	#VALUE!	#VALUE!
	Total (Excluding GST) (In Rs.)	100.00000%				XXXXXX

GST Extra

We hereby accepted above (Signature & seal of bidder)

Seal & Signature OF BHEL contracting authority

Annexures (I-XII)

Attached below

(To be signed by contractor and submitted along with bid)

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ANNEXURE –A

DECLARATION BY BIDDER (On letter pad)

We declare that the following family firms or sister concern affiliates / subsidiary firms are participating in the tender **No - FCX/TW/24/03**

1.....

2.....

3.....

I..... , hereby declare on behalf of M/s..... and the family firms or sister concern affiliates / subsidiary firms listed above that we are not indulging in cartel formation for tender **No- FCX/TW/24/03**

Name & signature of the bidder
(Seal)

**SOP For Implementation of Risk and Cost (TOTAL 10
PAGES)**

UPLOADED IN SEPARATE FILE

(To be signed by contractor and submitted along with bid)

BHARAT HEAVY ELECTRICALS LIMITED, JHANSI

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Format JS 146 - Price Bid Sheet (in a separate envelope)

UPLOADED IN SEPARATE FILE

We hereby accepted above (Signature & seal of bidder)

Seal & Signature OF BHEL contracting authority