

**BHARAT HEAVY ELECTRICALS LIMITED
(A Government of India Undertaking)
P.O. BHEL Jhansi 284120**

**Notice Inviting Tender (NIT)
For**

Works contract for Zinc spray galvanizing on transformer tank base
at FBM, BHEL Jhansi

Tender Enquiry No. EMD

FBM/TW/24/11

Tender due date: 20.12.2024 13:15 hrs

Tender Opening date: 20.12.2024 14:00 hrs

We hereby accepted above (signature & seal of bidder)



BHARAT HEAVY ELECTRICALS LIMITED

(A Govt. of India undertaking)

FABRICATION DIVISION (FBM), JHANSI - 284120

TENDER ENQUIRY NO: FBM/TW/24/11

DATE: 13.12.2024

GENERAL INSTRUCTIONS TO BIDDERS

1) The tender shall be addressed to as follows:

Name : MS Monika
Designation : Sr. Manager (CCC)
Email : monikav@bhel.in
PH : 0510 – 2770001 (Extn 2414)

Sealed Tenders can be submitted (i) personally, (ii) by Courier, or (iii) by 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 : MS Monika
Designation : Sr. Manager (CCC)
Email : monikav@bhel.in
PH : 0510 – 2770001 (Extn 2414)

2) The Tender comprise of two parts (Part- I & Part –II)

Part-I Techno Commercial bid:

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.

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

The duly filled techno-commercial bid comprising (i) all its sections, (ii) all enclosures (Annexure A, B, C, D, E, G) 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 “Tender No FBM/TW/24/11 dated 13.12.2024”**

Similarly, the Price-bid (Annexure –F) must be duly filled signed and sent in a sealed envelope boldly super-scribing **“PART-II PRICE BID for Tender No FBM/TW/24/11 dated 13.12.2024”**

Both these envelopes shall be placed inside 3rd sealed envelope super-scribing” duly signed and sent in a sealed envelope boldly super-scribing **“Quotation for Tender No FBM/TW/24/11 dated 13.12.2024”**

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))

We hereby accepted above (signature & seal of bidder)



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FABRICATION DIVISION (FBM), JHANSI - 284120

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PART II: PRICE BID

(Separate envelope)

SN	Description	Annexure No.	Page No.	No.of Pages
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Annexure – 'A'

NOTICE INVITING TENDER

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FABRICATION DIVISION (FBM), JHANSI - 284120

TENDER ENQUIRY NO: FBM/TW/24/11

DATE: 13.12.2024

1	Scope of Work	Works Contract for “Zinc spray galvanizing on transformer tank base at FBM, BHEL Jhansi”.
2	Tender evaluation criteria	As per qualifying requirements (see annexure C attached)
3	Validity of Contract	12 Months from the date of award of work order
4	Date and Time of Receipt of Tenders	Up to 13:15 hrs. on 20.12.2024
5	Date and Time of Opening of Technical bids	14:00 hrs. on 20.12.2024
6	Address for submitting the Tender	Tender Box, Security Control Room/Office, Administrative Building, Bharat Heavy Electricals Limited, Jhansi-284120
7	Earnest Money Deposit (EMD)	Rs. 1,980/- (Rupees One thousand nine hundred eighty only)
7(a)	The EMD may be accepted only in the following forms: (i) Electronic Fund Transfer credited in BHEL account (before tender opening) <i>BHEL account details: Bank Name: - SBI; A/c No. :- 10670828866 ; IFSC code:- SBIN0003807, A/c Holder Name:- BHARAT HEAVY ELECTRICALS LIMITED</i> (ii) Card swapping through POS machine at Cash section of BHEL Jhansi.)	
7(b)	In case of successful bidder, EMD will be converted and adjusted against the security deposit.	
7(c)	EMD will be forfeited in following cases	
(i)	After opening the tender, the bidder revokes his tender within the validity period or increases his quoted rate.	
(ii)	The bidder does not commence the work within the stipulated period as per LOI/ Contract. In case the LOI/contract is silent in this regard, then within 15 days after award of contract.	
7(d)	EMD given by all unsuccessful tenderers shall be refunded normally within 15 days of acceptance of award of work by successful tenderer.	
7(e)	EMD shall not carry any interest.	

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7(f)	For MSME bidders submission of EMD and tender cost will be applicable as per MSME act.	
8	Validity of Offer	120 days from the date of opening of Technical Bid (Part-I)
9	Security Deposit (SD)	As per General terms & conditions
10	GST	18 % of quoted rate.
11	Reverse Auction	Reverse auction (RA) is not applicable. Sealed envelope price bid shall be considered for evaluation.
12	Address for issue of Tender	AGM(FBM), Bharat Heavy Electricals Limited Jhansi, PIN-284120

Note: (i) The contractors may physically visit the work place before quoting their rates. For relevant details please visit our website “www.bhel.com” & www.bhel.in.

Annexure B

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WORK SPECIFICATION

1. SCOPE OF WORK OF THE CONTRACTOR SHALL BE AS FOLLOWING:

- a. The contractor shall be responsible for “Zinc Spray Galvanizing of outside Surface of Tank Base of Transformer Tanks, at FBM, BHEL Jhansi”. The scope of work includes Zinc Spray Galvanizing of the tank base to a thickness of minimum 100 microns as per drawing and getting the jobs cleared by QC (BHEL) and Customer as per BHEL Quality Plan.
- b. Zinc wire having diameter of 3.15 mm shall be provided by BHEL. Along with this material electricity, compressed air, Oxygen and required fuel gas and EOT Crane facility shall be provided by BHEL free of cost.
- c. Machines / equipment's, metal spraying gun (compatible to 3.15 mm wire), tools, consumables etc. required for zinc spray galvanizing shall be arranged by vendor. In case an electric arc gun is used, the contractor shall ensure that it has the desirable volt ampere characteristics so as to maintain a stable arc condition. For the wire feed guns, there should be a provision for suitable adjustments of the feed speed of wire. In contingency, in order to meet the job requirement, any additional resources if required shall be arranged by the contractor at their cost.
- d. The shot blasting of the area to be spray galvanized shall be arranged by BHEL. The contractor shall check the surface prepared, and ensure that it must be free from grease, scale, rust, moisture, visible oxidation, or other foreign matter and immediately carry out the zinc spray galvanizing without any delay.
- e. The operating conditions, such as wire speed, air pressure, gas pressure, flame conditions, voltage and current levels recommended by the manufacturer of equipment should be strictly adhered to. In particular the practice of increasing spraying rates over recommended levels is to be avoided, since this could result in poor surface quality.
- f. During spraying operation, the gun should be held at a distance from the surface as recommended by the equipment manufacturers (depending upon the equipment and size of the wire being used) and coating is applied by uniformly traversing the gun in a regular manner.
- g. The sprayed metal coating will be checked by BHEL QC and/or Customer. In case any defective area is noticed, contractor has to clean the defective area of all sprayed metal either by blasting or other suitable means, and re-prepare the surface conforming to the requirements, prior to re-spraying. If the coating of desired

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thickness i.e. minimum 100 micron is not achieved, sprayed metal of the same quality may be added by contractor at his cost.

- h. The contractor must ensure proper planning and successful and timely completion of the work to meet production target as per manufacturing schedule / loading.
- i. Inspection at various stages shall be done by BHEL-QC and proper record shall be maintained by contractor. Inspection/clearance by BHEL-QC shall be the responsibility of the contractor. In addition, the Contractor shall attend to any rework/ modifications, as and when suggested by BHEL-QC / BHEL Engg.
- j. The Contractor shall be responsible for complying with all the applicable statutory acts & laws.

2. MEASUREMENT OF WORK & PAYMENT:

- i. The work shall be measured in terms of area (sq.mtr) of surface zinc spray galvanized and payment shall be made on 'Rs /sq.mtr. 'Basis, as per designed area of the Transformer Tank Base to be zinc spray galvanized.
 - ii. BHEL shall make the payment on completion of work and clearance from BHEL (QC) and Customer as per BHEL Quality Plan.
 - iii. All the payments will be subject to deduction of tax at source applicable as per law.
- 3. Estimated Quantum of Works:** 110.00 Sq. Mtr. of transformer tank base (5 no. transformers).

Note: The quantity indicated is a projection based on the present requirements. The quantity may increase / decrease based on BHEL's order book position and production requirements.

4. Splitting of Contract:

4.1 There will be no splitting of tender quantity among bidders.

4.2 In case of Bid received from MSE bidders, benefits earmarked to MSE as per Corporate circular no 44 of 2018-19 :

- (i) In tender, participating MSEs quoting price within price band of L1+15% shall also be allowed to supply a portion of requirement by bringing down their price to L1 price in a situation where L1 price is from someone other than a MSE and such MSE shall be allowed to supply up to 25% of total tendered value and balance 75% of supply quantity shall be distributed to non MSE bidders as per clause no. 4.1 above.

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- (ii) In case of more than one such MSE, the supply shall be shared proportionately. A quantum of 6.25% out of 25% quantity, so earmarked, will be reserved for MSE's owned by SC / ST entrepreneurs who submit their bid with relevant documents provided that in event of failure of such MSE(s) to participate in tender process or meet tender requirements and L1 price, 6.25% sub-target for procurement earmarked for MSE(s) owned by SC or ST entrepreneurs shall be met from other MSE(s). In case of indivisible tender, the full quantity shall be awarded to MSE.
- (iii) Minimum 3% reservation for women owned MSEs within the above mentioned 25% reservation.
- (iv) If an enterprise falling under MSE category as defined in the MSMED Act 2006, graduates to a higher category from its original category or beyond the purview of the Act, it shall continue to avail all non-tax benefits of its original category notified by the Ministry of Micro, Small and Medium Enterprise for a period of three years from the date of such graduation to the higher category.
- (v) MSE bidders who are registered under MSMED act have to submit valid UDYAM Certificate (along with CA certificate in BHEL prescribed format XI latest ended financial year) applicable to contract. To avail the benefits under MSMED.

5. Benefits to MSE/Startup bidders on account of Turnover criteria & Prior Experience:

Considering Critical Quality aspects and Technical specification implications of work. No relaxation shall be given to MSE/Startup bidder on account of turnover criteria & Prior experience.

6. Delivery Period: Job has to be Zinc sprayed within a day after shot blasting.

One-week advance notice shall be given to the Contractor for starting the work.

7. LD Clause: LD/ Penalty shall be applicable as per clause X(4) of General terms and conditions (JHS 2055C R01).

8. Risk & Cost: Risk & cost clauses shall be applicable to non- performing / defaulting bidder as per clause XIV of General terms and conditions (JHS 2055C R02) in line with Corporate SOP dated 10-oct-17.

Annexure – 'C'

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Qualifying Requirement

SI No	Description of Qualifying Requirement
1.	<p>Average Annual financial turnover during the last 3 years ending 31st March 2024, should be at least Rs. 0.59 Lakhs.</p> <p>The following documents to be submitted</p> <ul style="list-style-type: none">i) A certificate from CA duly vetting the turnover. "OR"ii) Audited balance sheet & Profit and loss statement. <p>Note1 - If T/o details of 3 years are not available, then available years T/o shall be evaluated by dividing it by 3.</p> <p>Note 2 - Considering Critical Quality aspects and Technical specification implications of work. No relaxation shall be given to MSE/Startup bidder on account of turnover criteria.</p>
2.	<p>2.1 <u>For Bidders who are currently working in FBM department for "Similar" work or bidders who have worked in BHEL Jhansi fabrication department during last 7 years of the month before the one in which applications are invited & have successfully completed "Similar" work:</u> will be considered techno-commercially qualified for this tender subjected to submission of respective experience certificate issued by BHEL or certified by FBM Deptt.</p> <p style="text-align: center;"><u>OR</u></p> <p>2.2 Work Experience: (Bidder should fulfill any one of the following):</p> <p>Experience of having successfully completed/ supplied "Similar" works during last 7 years of the month before the one in which applications are invited as under:-</p> <ul style="list-style-type: none">a. Three similar completed works each valuing not less than the amount equal to Rs 0.79 Lakh. ORb. Two similar completed works each valuing not less than the amount equal to Rs 0.99 Lakh. ORc. One similar completed works each valuing not less than the amount equal to Rs 1.58 Lakh. <p>The term "Similar work" of requisite value means any steel fabrication work or Painting work or Zinc galvanizing work.</p> <p>Documentary proof (Completion Certificate/ Store receipt Voucher in case of PO executed in BHEL Jhansi and WO/ PO/LOI) & TDC certificate issued from traces (Form16A/26AS) for the experience performance report issued by Customer for</p>

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SI No	Description of Qualifying Requirement
	<p>successful execution of the requisite value to be submitted. In case experience is submitted for work done in BHEL, TDS certificate (form16A/26AS) is not required.</p> <p>Note1: Bidders who meet the criteria mentioned at 2.1, are exempted to submit the document related to statutory compliances, PAN, GSTIN, turn over Certificate, UDYAM, MSE Certificate related to this tender. However, all bidders have to submit a fresh sister Unit participation declaration alongwith NIT confirmation and price bid.</p> <p>Note2: Considering Critical Quality & safety aspects and Technical specification implications of work. No relaxation shall be given to MSE/Startup bidder on account of prior experience.</p>
3.	Contractor Should have PAN number.
4.	Contractor Should have GST (PAN based)
5.	Bidders are required to submit a self-declaration on their letter head as per the Format enclosed in Annexure V .
6.	Bidders are required to submit a self-declaration to avoid cartel formation on their letter head as per the Format enclosed in Annexure G .
7.	<p>The documents required for legal entities under whose name and style Contractor has participated in the tender are as follows:</p> <p>7.1) Partnership Firm: Partnership Deed registered at the office of Registrar of Firms.</p> <p>7.2) Company: Certified copy Memorandum of Association, Article of Association and Incorporation Certificate.</p> <p>7.3) Society: Registration certificate issued by Registrar of societies.</p> <p>7.4) Sole Proprietor-ship Firm: Undertaking on oath (On Company's letter head) that Proprietor is solely responsible for all rights and liabilities while working under the name and style of Sole Proprietorship firm namely (_____).</p> <p>7.5) Limited liability partnership agreement registered under company's act.</p>

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ANNEXURE D

PROFORMA FOR SUBMITTING TECHNICAL BID

1	Name of the firm (Essential)	
2	Address and Contact Numbers (Essential)	
3	Name of the Proprietor (Essential)	
4	Registration Number of the Firm (Essential)	
	Copy of the Certificate	Enclosed / Not Enclosed
5	PAN/TAN Number (Essential)	
6	GST Number(PAN Based) (Essential)	
7	Experience Certificate (Along with balance sheet & profit and loss account/ turnover certificate issued by CA) (Essential)	Enclosed / Not Enclosed
8	Earnest Money Deposit (Essential)	Rs. 1980/-
	Receipt No. & Date	
	Electronic fund Transfer no. (Bank)	
9	Validity of offer	120 days from the date opening of technical bid
10	Blank Price bid 'JS-472' (Essential)	Enclosed / Not Enclosed
11	Valid E-Mail Id (Essential)	
12	Proprietorship/ partnership deed	

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13	Participation in RA	YES / NO
14	Acceptance of General Terms & Conditions	YES / NO
15	Submission of Annexure -G	YES / NO
16	Submission of Security Deposit after issue of LOI and before award of Work Order to contractor.	YES / NO

We will fulfill all the obligations of the contractor and abide by the Terms & Conditions mentioned in the enquiry.

We hereby accepted above (signature & seal of bidder)