



TENDER DOCUMENT

For Works Contract

For Tender Enquiry No : FCX/TW/09/14

For

M S Structural Steel Plate flooring work of 838 Sqm in Bay 9 Inside factory area.

Contact Person :

Name : Anshuman Sharma

Designation : Deputy Manager (MM)

Email : anshuman.sharma@bhel.in

PH : 0510 – 241 – 2784

Tender Due Date 22/10/2019 at 13 :15 Hrs

Tender Opening Date : 22/10/2019 at 14 :00 Hrs

**Material Management Department
BHEL, PO : BHEL, Jhansi 284120 (UP)**

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		
Essential 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 ESI Registration	ESI No-	
9.	Copy of PAN card	PAN No-	
10.	Copy of GST registration	GST No-	
11.	Self declaration as per as per annexure V on Rs 100 stamp paper .	Submitted/ Not submitted	
12.	Copy of ownership of firm	Submitted/ Not submitted	
13.	Reciept of tender fees deposition	Amount	
14.	Reciept of EMD deposition	Amount	
15.	Copy of turn over for last three year i. 2016-17 ii. 2017-18 iii. 2018-19	Submitted/ Not submitted	

We hereby accepted above (Signature & seal of bidder)

BHARAT HEAVY ELECTRICALS LIMITED, JHANSI**Factory Civil Department****TENDER DOCUMENT****TENDER ENQUIRY NO. FCX/TW/09/14****DATE:- 28/09/2019**

16.	Work Experience i. Work order ii. Completion Certificate iii. Bill of Quantity Relevant TDS/TRACES (in case of Experience in private sector)	Submitted/ Not submitted	
17.	Copy of IncomTax return i. 2016-17 ii. 2017-18 iii. 2018-19	Submitted/ Not submitted	
18.	Copy of PF registration	PF No-	

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)

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PART II: PRICE BID

(Separate envelope)

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We hereby accepted above (Signature & seal of bidder)

NOTICE INVITING TENDER



BHARAT HEAVY ELECTRICALS LIMITED, JHANSI**Factory Civil Department****TENDER DOCUMENT****TENDER ENQUIRY NO. FCX/TW/09/14****DATE:- 28/09/2019****1- NOTICE INVITING TENDER**

S. No.	Particulars	Details
1	Name of work	M S Structural Steel Plate flooring work of 838 Sqm in Bay 9 Inside factory area.
3	Tender Evaluation Criteria	(As per GTC issued by "Central Contracting Cell" and Special, condition of contract for Civil Work of BHEL Jhansi.
4	Duration of the Contract	Eight Months
5	Last date of receipt of the Tender	(As on page # 1)
6	Date of opening Tender	(As on page # 1)
7	Address for submitting the tender	(As on page # 7)
8	Earnest Money Deposit (EMD)	Rs. 129922/- (Rupees One Lakhs Twenty Nine Thousand Nine Hundred Twenty Two only)
9	Cost of tender (Non refundable)	Rs. 1500.00 plus (18% GST as payable at BHEL cash office through POS machine or RTGS/NEFT/IMPS/EFT/ECS in BHEL account mentioned below)
10	Validity of Offer	120 days
11	Defect liability period	One year from actual date of completion

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.bheljhs.co.in"

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 "M S Structural Steel Plate flooring work of 838 Sqm in Bay 9 Inside factory area.** Similarly, the Price-bid must be duly signed and sent in a sealed envelope boldly super-scribing **"PART-II PRICE M S Structural Steel Plate flooring work of 838 Sqm in Bay 9 Inside factory area.** Both these envelopes shall be placed inside 3rd sealed envelope super-scribing "duly signed and sent in a sealed envelope boldly super-scribing **"M S Structural Steel Plate flooring work of 838 Sqm in Bay 9 Inside factory area."**

We hereby accepted above (Signature & seal of bidder)

The tender shall be addressed to as follows:

Anshuman Sharma

Deputy Manager (MM)

Email : anshuman.sharma@bhel.in

PH : 0510 – 241 – 2784

Sealed Tenders can be submitted (i) personally, (ii) by Courier, or (iii) by post.

If submitted personally

Tender Box

CISF Control Room/Office

Administrative Building

Bharat Heavy Electricals Limited

Jhansi-284120 (U P)

Or if sent through Courier / Post

Office of

Anshuman Sharma

Deputy Manager (MM)

Material Management Department

Email : anshuman.sharma@bhel.in

BHEL, JHANSI - 284120

PH : 0510 – 241 – 2784

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.

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))

Brief Description of Work / Scope of work

Technicalities involved in laying of Steel flooring are as below:

STEEL FLOORING:

- a) Removal of concrete floor up to a depth of 50 mm.
- b) Laying of 2 mm thick copper mesh over the dug up area.
- c) Locking of Copper mesh with bottom surface at multiple location.
- d) Flattening of 20 mm thick steel plates with chamfering of edges to make the plates prepared for placement.
- e) Placing an rectangular-shaped 12 mm template for leveling of the surface, before placement of Steel Plate.
- f) Placement of Prepared 20 mm thick Steel Plates on the pre-levelled surface.
- g) Drilling of holes in plates and concrete surface beneath it. Fastening the plate to the concrete with the help of M 24 x 210 mm chemical anchor-fastener.
- h) Final Leveling of steel plate and thereafter filling the gap beneath the plates with non-shrunk grouting cement Make shall be GP2, Sika Grout 214 or equivalent. . Levelling equipment is to be brought by contractor.
- i) Plugging of hole with metal filling and welding.
- j) Grinding of excess weld over the plate surface and making it smooth.
- k) Preparation of surface for receiving protective coat of primer and paint.
- l) Applying two coat of red oxide primer and then applying two coats of synthetic enamel paint of approved colour and shade.

Note- The above scope is indicative and not exhaustive and will include any other activity apart from above necessary for completing the subject 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 Stamp Paper of Rs 100 /- to be submitted.
4. Copy of independent ESI Registration.
5. Signed copy of Blank Price Bid.
6. (A) The bidder should have the experience of having successfully completed similar work against completed work order during the last seven years ending on **31-08-2019** amounting to values mentioned as under:
 - (1) One Work valuing not less than **Rs 51.97 Lakhs.**
Or
 - (2) Two works each valuing not less than **Rs 32.48 Lakhs.**
Or
 - (3) Three works each valuing not less than **Rs 25.98 Lakhs.**

Definition of Similar Work: **All type of civil construction/renovation/maintenance works.**

(Note: For verification by the department, work order copy and work completion certificate mentioning successful completion by the client shall be submitted by the vendor. If the work is done for a private customer, relevant TDS Certificate (TRACES Only) must be submitted as evidence in addition to above work completion certificate & work order copy by the vendor.

(B) **Turnover criteria:** Average annual financial turnover during the last three years, ending **31st March, 2019 {i.e. FY-2016-17, FY-2017-18 and FY-2018-19}** applicable as per norm shall be at least **Rs 19.49 Lakh**. Duly audited financial statement/balance sheet/certified by CA to be submitted as supporting documents. If no balance sheet / financial statement are available for three years than the average shall be calculated by dividing the sum of turnover of submitted balance sheet/certificate from CA/Financial statement by three.

(C) **Technical criteria-** The bidder should have the experience of having successfully completed civil work comprising of minimum fabrication work 50 Tonne against a single completed work order during the last seven year ending on **31-08-2019**.

Note: Provisional turnover for the FY 2018-19 duly certified by C.A. shall also be acceptable for evaluation purpose.

7. Taxes & Duries, Payment Terms, Bonus & LD Clause will be as per GTC issued by "Central Contracting Cell" and "Special Conditions of Contract for Civil Works" of BHEL Jhansi.
8. Documentary proof in support of above eligibility criteria along with EMD shall be submitted along with Techno Commercial Bid.
9. 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.
 - (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 (_____)

GENERAL TERMS AND CONDITIONS OF ENQUIRY (JHS2055C R00)

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

FREE ISSUE MATERIAL TO THE CONTRACTOR

SCHEDULE "A"

S No.	Particulars	Rs.	Quantity
1	Cement	Free of cost	As required
2	TMT	Free of cost	As required
3	Structural Steel	Free of cost	As required

SPECIAL CONDITIONS OF CONTRACT FOR CIVIL WORK

1. Special Conditions of Contract for Civil Work

- a) These special conditions supplement the conditions enumerated in the tender and contract and the other general conditions of contract and form part of the contract documents. Where these special conditions are at variance with the general conditions of contract these special conditions shall prevail.
- b) The rate quoted for reinforced cement concrete items shall include smooth finishing of exposed faces. The top surfaces of roof slab shall be laid to specified slope and mortar that comes to surface due to vibrations shall be trowel led so as to obtain smooth and even surface.
- c) The BHEL reserves the right to deviate either by additions or by deductions from the schedule of items of work given in the tender document after awarding work.
- d) In case of any difference between agreement, wording and detailed drawings the interpretation of the BHEL shall be final and binding on the contractor.
- e) The final acceptance of work in all items are subject to proper performance after testing regardless of whether the items are paid for or not.
- f) If discrepancy in specifications observed between schedule of quantities and general / technical conditions, the specifications in schedule of quantities will have precedence over the general / technical conditions.
- g) Water will be supplied free of cost at one point for drinking and construction.
- h) Quantity records shall be prepared, maintained and submitted by contractor on regular basis during the course of execution. Test records shall be prepared, maintained and submitted by contractor during the course of execution and as demanded by Engineer-In-Charge. Contractor shall strictly adhere to quality requirements and shall follow the norms mentioned in Field Quality Plan (if applicable).
- i) In case of defective work BHEL will have full right to reject the work or part thereof. Such defective work if any, will have to be rectified by the contractor at his own cost. The opinion of Engineer in charge shall be final in this matter. If the defective work is allowed to stand BHEL shall have the absolute right to reduce the rates for such items and the contractor shall have no claims over such defective work allowed on reduced rates.
- j) The contractor shall have to make his own storage sheds for materials to be issued by BHEL. If deemed necessary by engineer in charge, the contractor shall make separate store for cement with double lock system. The empty cement bags shall be stocked at one place and at least 90% of them shall be returned to BHEL at BHEL stores in good condition without any additional payment. Therefore, if the total quantity of 90% empty cement bags is not returned by the contractor, the same will be recovered at the rate of Rs 3/- per bag from the bills.
- k) For all natural minerals used in the work like sand, aggregate, bricks, etc royalty certificate (MM-11) must be submitted along with bills. If royalty certificate is not submitted the cost of royalty shall be deducted from contractors bill as per prevailing Govt. order including penalty as applicable.
- l) Any electric power required for contractors' lighting/machinery for the purpose of work including fabrication work shall be supplied FREE OF COST at one point by the company on the written request of the contractor, subject to the observance of rules and regulations of Electric board / company. If it is observed that power is being wasted, BHEL shall have the right to recover cost of such consumption

including arrears. Power will not be allowed for cooking and room (air) heating in winter season: For this purpose, on written application chargeable power can be allowed. The rates shall be the rates applicable for industrial consumption in U.P.

2. TAXES AND DUTIES

- a) Price quoted shall include all taxes/Duties/Royalties applicable as on date of submission of tender except GST.
- b) GST (as applicable) shall be payable additionally to the contractor at actuals at the rate prevailing at the time of execution against submission of GST registration no and production of documentary proof of payment of GST to the concerned Govt. Deptt. (as applicable).
- c) No claim shall be admissible on account of upward or downward revision in rate of existing taxes & duties (except GST as applicable) subsequent to bid submission. However, if any new taxes & duties are introduced subsequent to bid submission and during the currency of the contract including its extension if any for the reasons not attributable to the contractor, the same shall be reimbursed at actual against documentary evidence of remittance by the contractor. In case the contract period is extended for the reasons attributable to the contractor, no such reimbursement shall be made during extended period.
- d) Income Tax & other deductible tax (if any) shall be deducted at source (TDS) as per prevailing rules and certificate to this effect shall be provided to the contractor.
- e) Contractor to ensure timely remittance of SGST, CGST, IGST as applicable in time as per law.
- f) Contractor to ensure compliance to filing of monthly GST sales return including BHELs supplies by 10th of next calendar month in the online GST portal wherever applicable.
- g) Contractor to declare filing of timely returns and GST remittance/likely remittance /ITC adjustment along with invoice.
- h) Contractor to submit invoices compliant with GST invoice rules.
- i) Contractor to comply with all statutory provisions as may be applicable at the time of dispatch/sale. Any additional financial liability to BHEL on account of non-compliance by contractors shall be borne by them and shall be adjusted/ recovered from the contractor. BHEL reserves the right to review the existing offers/contacts for any revision in terms, which may arise due to change in any statutory provision to ensure that the benefit accrues to BHEL.
- j) Contractor to ensure TAX INVOICE submission to BHEL.
- k) In respect of cases where the liability to discharge GST in on BHEL under reverse charge mechanism, contractors have to ensure timely submission of invoices and delivery of material/services to BHEL, so that there is no mismatch on both activities. In case there is any additional financial liability on BHEL on account of default on the part of the contractor on submission or delivery of material/services the same shall be passed on to them.
- l) In respect of free issue material by BHEL, contractors have to return the processed material within the time line as per the provisions of GST. In case of any additional tax liability on BHEL on account of non- compliance by the contractor, the additional financial implications on BHEL shall be passed on to the contractor.
- m) Contractors to provide the applicable HSN/SAC codes as called for in the enquiry.
- n) As per provisions of section 171 of the CGST ACT 2017, bidders to pass on the anti - profiteering benefits accruing to them under GST regime to BHEL.

- o) In case of input credit is not available as denied by GST Portal due to in proper documentation or wrong uploading of data by bidder, the same will be recovered from bidder along with interest, if any.

3. PROVISION OF BONUS

Early completion of work is acceptable by BHEL. However, no reward/bonus on any early closure shall be admissible.

4. OVER RUN COMPENSATION (ORC)

Not applicable in this contract.

5. PRICE VARIATION COMPENSATION (PVC)

Not applicable in this contract.

6. MATERIAL HANDLING AND STORAGE

Adequate arrangement be made for material handling & storage taking due care against damages.

7. ACCOUNTING

- a) Proper method of accounting of steel, tore steel, cement & scrap material be followed. The books of such accounting be offered for auditing by BHEL at pre-decided regular interval.
- b) All debris and surplus materials shall be cleared from the site as and when directed by the Engineer-in-charge. Any temporary structure / stores made by the contractor for the work shall be demolished and site cleared before payment of final bill.
- c) Structural steel wastage /scrap shall be permissible upto 2% of total quantity of issued quantity. The wastage /scrap steel must be return by contract for reconciliation of steel. Wastage scrap beyond 2% will deducted @ Rs.75 per kg.

8. OVERPAYMENTS AND UNDERPAYMENTS

- a) Where-ever any claim for the payment of a sum of money to the company/ corporation arises out of or under this contract against the contractor the same may be deducted by the company/ corporation from any sum then due or which at any time thereafter may become due to the contractor under this contract and failing that under any other contract with the company/ corporation or from any other sum due to the contractor from the company/ contractor (which may be available with the company/ corporation) or from his security deposit, or he shall pay to claim on demand.
- b) The company/ corporation reserves the right to carry out post-payment audit and technical examination of the final bill including all supporting vouchers, abstracts, etc. the company/ corporation further reserves the right to enforce recovery of any overpayment when detected, notwithstanding the fact that the amount of the final bill may be included by one of the parties as an item of dispute before an arbitrator appointed under this contract and notwithstanding the fact that the amount of the final bill figures in the arbitration award.

- c) If a result of such audit and technical examination any overpayment is discovered in respect of any work done by the contractor or alleged to have been done by him under the contract, it shall be recovered by the company/ corporation from the contractor by any or all of the methods prescribed above or if any under payment is discovered, the amount shall be duly paid to the contractor by the company/ corporation.
- d) Provided that the aforesaid right of the company/ corporation to adjust over payments against amounts due to the contractors under any other contract with the company/ corporation shall not extend beyond the periods of two years from the date of payment of the final bill or in case the final bill is a MINUS bill, from the date the amount payable by the contractor under the MINUS final bill is communicated to the contractor.
- e) Any amount due to the contractor under this contract for under payment may be adjusted against any amount then due or which may at any time thereafter become due before payment is made to the contractor, from him to the company/ corporation on any other contract or account whatsoever.

9. METHODS OF MEASUREMENTS

Except where any general or detailed description of the work in quantities expressly shows the contrary, schedule of quantities shall be deemed to have been prepared and measurements shall be taken in accordance with the procedure set forth in the schedule of rates – specification notwithstanding any provision in the relevant standard method of measurement or any general or local custom. In the case of items which are not covered by the CPWD schedule of rates – specification, measurement shall be taken in accordance with the relevant standard method of measurement issued by the Indian standards institution.

10. TIME LIMIT FOR PAYMENT OF FINAL BILL

The final bill shall be submitted by the contractor within three months of physical completion of the works. No further claim shall be made by the contractor after submission of the final bill and these shall be deemed to have been waived and extinguished. Payment of those items of the bill in respect of which there is no dispute and of items in disputes of quantities and at rates as approved by Engineer-in-charge, shall be made six months, the period being reckoned from the date of receipt of the bill by the Engineer-in-charge. After payment of the amount of the final bill payable as aforesaid has been made, the contractor may if he so desires, reconsider his position in respect of the disputed portion of the final bill and if he fails to do so within 90 days, his disputed claim shall be dealt with as provided in the contract.

11.TOTAL SCOPE AT A GLANCE

S.No.	Description	Scope of	
		BHEL	Bidder
1	Open space		
1.1	Open space for storage of material required.	Yes	
1.2	For fabrication.	Yes	
1.3	Covered/ready to use office rooms for projects.		Yes
1.4	Space for lodging for workers (Outside factory premises)		Yes
2	For living purpose of bidder staff		
2.1	Lodging & Boarding for Executives.		Yes
2.2	Lodging & Boarding for Workers.		Yes
3	Electricity		
3.1	Provision of electricity at single point.	Yes	
3.2	Further distribution of Electricity including required material and execution.		Yes
4	Water Supply		
4.1	Making the water available at single point	Yes	
4.2	Further distribution as per the requirement of work including supply of material and execution.		Yes
5	Transportation		
5.1	For project purposes		Yes
5.2	For the site personnel of the bidder		Yes
5.3	For the bidder equipment and consumables (T & P, Consumables etc.)		Yes
6	Lighting		
6.1	For Construction work (Supply of all the necessary materials & Execution)		
A	At office storage area	Yes	
B	At the preassembly area	Yes	
C	At the construction site /area	Yes	
7	Communication Facility for site operation		
7.1	Telephone, internet, e-mail etc.		Yes
8	Shop Crane, if available (Free of Cost)	Yes	

We hereby accepted above (Signature & seal of bidder)

TECHNICAL SPECIFICATION

1. The works shall be executed with the directions, instructions, which shall be given to the contractor by BHEL from time to time and as per technical specifications in price schedule and drawings available in the office to give a general idea of the work to be executed and is liable for modifications during the actual execution based on the designs prepared and approved by the Competent authority.
2. If the specifications found wanting relevant technical specifications along with the tender shall be followed. Further missing details relevant CPWD and IS specifications shall be followed. Wherever, there is difference in between CPWD and IS specifications latter shall prevail.
3. For execution of all scheduled items cpwd specifications and relevant is codes are to be followed. for execution of non-scheduled items specifications enclosed with this tender are to be followed.
4. Specialized works are to be executed by specialized agency with the approval of BHEL.
5. The materials in the scope of contractor shall have to be got approved by the contractor from the Engineer-in-charge before supplying inside the factory area. These materials should be accompanied by certificate. Testing of these materials shall be carried out at any BHEL or Govt approved/NABL apporved lab whose cost will be borne by the contractor.
6. Contractor shall ensure that quality is maintained in all works connected with this contract all stages as per requirement of BHEL. Contractor shall ensure all inspection, measuring and testing equipment are calibrated by authorized agency and valid calibration must be available with them for verification by BHEL.
7. Test Certificates are to be supplied for all bought-out items as required by the Engineer-in-charge.
8. The contractor shall be fully and finally responsible for correctness and quality of his work to the entire satisfaction of the BHEL/Customer.
9. If in the opinion of the contractor any work is insufficiently specified or required modifications, the contractor shall refer the same in writing to the Engineer and obtain his instruction/approval in writing before proceeding with the work. If contractor fails to refer such instance, any excuse for faulty erection, for poor workmanship or delay in completion shall not be entertained.
10. Material reconciliation statement has to be submitted by the contractor as & when required by BHEL.