



TENDER DOCUMENT  
For Works Contract

For Tender Enquiry No. : **FCX/TW/21/08**

For

**“(Installation of Lifeline in Bay 10 of BHEL Jhansi.)”**

Contact Person:

Name: Anshuman Sharma  
Designation: Dy. Mgr (CMM)  
Email: anshuman.sharma@bhel.in  
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Or

Name: P B S Ekka  
Designation: AGM (CMM)  
Email: pbsekka@bhel.in  
PHONE: 0510-2412549

**Tender Due Date : 17.08.2021 at 13 :15 Hrs  
Tender Opening Date : 17.08.2021 at 14 :00 Hrs**

Rev ..... Date: .....	Short details of revision (In case of revision in tender document, otherwise NA)
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**Factory Civil Department  
BHEL, PO: BHEL, Jhansi 284120 (UP)**



# Bharat Heavy Electricals Limited, Jhansi

Department: Factory Civil  
Tender Enquiry No: FCX/TW/21/08 date: - 27.07.2021  
DETAILS OF TENDER DOCUMENT

TD: 2021-22, Rev- 00

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BHEL JHANSI is in the process of finalizing the Works Contract for **Name of Work:- Installation of Lifeline in Bay 10 of BHEL Jhansi** The duly filled in Technical and Price / Rate bids (Annexure I and M, separately) along with the instructions to the tenders, Contractor's Obligations, General Terms and Conditions with the signature of the tender on all the pages and complete in all respects super scribed as "Quotation for Tender No. FCX/TW/21/08 DATED- 27.07.2021" should reach us in a sealed cover on or before **17.08.2021 (13.15 hours)** through Registered / Speed post or the same may be dropped in the tender box available at the following address:

To  
Tender Box  
CISF Control Room/Office  
Administrative Building  
Bharat Heavy Electricals Limited  
Jhansi-284 120. UP

**Note:** 1) Dropping of tender in the Tender Box within schedule time and date is the responsibility of the bidder.  
2) Technical bid and price bid should be submitted in separate sealed envelopes, in case the bids founds in one single envelope then the "bids" are liable to be rejected.

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## NOTICE FOR INVITING TENDER

S. No	Particulars	Details
1	Brief Description of work	Name of Work: - <b>Installation of Lifeline in Bay 10 of BHEL Jhansi</b>
2	Tender Evaluation Criteria	(QR as per Annexure C), Awarding on overall L1 basis
3	Duration of Contract	03 month
4	Last date of Sale of the Tender	Upto 11:00 hrs on 17.08.2021
5	Last date of receipt of the Tender	Upto 13:15 hrs on 17.08.2021
6	Date of opening of Techno – Commercial Bid.	14:00 hrs on 17.08.2021
7	Address for submitting the Tender	Tender Box Administrative Building gate
8	Earnest Money Deposit * (EMD)	Rs. 9922.00
9	Cost of Tender	Nil
10	Validity of Offer	120 Days
11	Security Deposit	5 % of Contract value

**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; ifs Code:- SBINOOO3807  
A/c Holder Name:- BHARAT HEAVY ELECTRICALS LIMITED

The Tender cost may be accepted either by credited through **RTGS/NEFT/EFT/IMPS/ECS** or deposited by pos machine in cash section in BHEL ADM Building. The contractors may physically visit the work place before quoting their rates. For relevant details please visit our website [“www.bhel.com”](http://www.bhel.com) & [www.reprocure.gov.in](http://www.reprocure.gov.in)

Annexure B

WORK SPECIFICATION/SCOPE OF WORK

DETAILS OF WORK

S.No	Description of Items
1	Installation of Lifeline on the roof of Bay 10 having the dimension of 168 x 24 m. The maximum height of Bay-10 is 20 m. The plan of Bay-10 and the tentative lifeline arrangement shall be as per the enclosed drawing. The intermediate anchor support for the lifeline is to be provided at an average distance of 10 m approx. All the material, members shall be bought by the contractor. The contractor shall deploy experience labour to install the lifeline. The materials marked in the drawing are tentative and can be suitably modified by the contractor. The contractor has to provide a complete and holistic arrangement of lifeline over Bay 10 so that the same can be used to provide safety to the workmen at the time of sheet repair work over Bay 10. Technical specification and layout details of the lifeline system to be provided by the contractor is also to be submitted to the department.
2	Providing a set of removable runner made of SS 316, a full body harness and adjustable lanyard with grip adjuster with a length of 20 m to be used to ensure the safety of the worker while using the lifeline.
3	Providing a set of removable runner made of SS 316, a full body harness and adjustable lanyard with grip adjuster with a length of 5 m to be used to ensure the safety of the worker while using the lifeline.

## QUALIFYING REQUIREMENTS

- 1) **Average Annual financial turnover** during the last 3 years, ending 31st March 2021, should be at least Rs.1.49 Lakh duly audited financial statement/balance sheet/certified by CA to be submitted as supporting documents. If all balance sheet/ financial statement are not 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.
- 2) **Experience** of having of having successfully completed similar works during last 7 years ending "on last day of previous month when tender is uploaded" should be either of the following:-
  - a. Three similar completed works each costing not less than the amount equal to **Rs. 1.98 Lakhs**.  
Or
  - b. Two similar completed works each costing not less than the amount equal to **Rs. 2.49 Lakhs**.  
Or
  - c. One similar completed work, each costing not less than the amount equal to **Rs. 3.97 Lakhs**.

**Similar work means: - : Installation of overhead fall protection lifeline over the steel roof buildings/Manufacturing shops.**

Documentary proof (Execution Certificate/LOI/Work order) for the experience to be submitted along with Technical Bid. In case of experience in Private Sector, relevant TDS Certificate (TRACES Only) must be attached as evidence.

### Other desired Documents-

- 1.) Should have PAN/TAN number. Copy of PAN/TAN to be submitted.
- 2.) GST Registration with valid documentary proof.
- 3.) Should have independent ESI Code number.
- 4.) Blank Price Bid (JS 472) as per annexure "G".
- 5.) Undertaking duly signed, with seal and stamp of the Bidder, on Stamp Paper of Rs 100/- as per annexure "V".
- 6.) EMD.
- 7.) 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 registered at the 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.

Sole Proprietor-ship Firm: 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 (\_\_\_\_).



# Bharat Heavy Electricals Limited, Jhansi

Department: Factory Civil

Tender Enquiry No: FCX/TW/21/08 date: - 27.07.2021

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Annexure -D

## GENERAL TERMS AND CONDITIONS OF ENQUIRY ( JHS 2055C R01)

**UPLOADED IN SPERATE FILE -(PAGES 01 TO 14)**

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

**Reverse Auction:** BHEL shall be resorting to Reverse Auction (RA) (Guidelines as available on [www.bhel.com](http://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 online Reverse Auction, their sealed envelope price bid along with applicable loading, if any, shall be considered for ranking.”

## SPECIAL CONDITIONS OF CONTRACT FOR WORK

1. Location of Site – Bay-10 at BHEL factory.
2. Time allowed for completion of work – 3 months.
3. Defect Liability period – 3 year after completion of W.O. date and contractor will perform Pull off test at min. 275 kg load on installed lifeline system every year during the defect liability period as per instruction of Engineer-in-charge at their own cost. On successfully performance of above said test, the security deposit will be release.
4. Payment Terms – Measurement of completed work to be done monthly and bill to submitted by Contractor to department. Payment will be done as per GTC Clause (X) (6).
5. Penalty for delayed work – The contractor will have to complete work at site given to them within 3 Months of written instruction given by BHEL official. If contractor fails to ensure above condition, the penalty will be imposed on contractor as per GTC clause no.(X)-4
6. PVC & ORC - Not applicable.
7. Taxes & Duties - The contractor shall submit their offer inclusive of all duties, royalty, entry tax etc. as per Govt. norms except GST. If GST is applicable for the work, the contractor shall claim GST extra as per actual over the quoted price of the work. However the contractor must make payment of GST before claiming the same from BHEL.
8. Award of work – The bidder must quote the total package price for the work and not the individual item rates in the price bid. The % allocation of each item has been specified and the individual item rates will be determined based on this % allocation from the total price quoted. The work will be awarded to overall lowest bidder who has submitted the lowest total price for the work.
9. The above contract will be covered under the BHEL CONCILIATION SCHEME, 2018.
10. Work Inspection shall be done by BHEL representative and payment shall be made on the basis of measurement only as per unit given in schedule. The contractor or his supervisor /authorized person will maintain a register and record the work / measurement immediately and get verified the satisfactory completion of work by BHEL personnel. The contractor will be fully responsible for the preparation of bill and submission to Engineer-in-charge.
11. *The measurements of completed works and preparation of bill's related procedure will be govern by as per CPWD norms and guidelines. Contractor will comply with all CPWD's Norms, specifications, and guidelines related to work execution and billing.*
12. Final bill shall be prepared within 3 months after successful completion of work in the Performa prescribed for the purpose, based on the certificate issued by the Engineer that the entire work as stipulated in the tender Specifications has been completed in all respect to the entire satisfaction of BHEL. The Contractor shall give unqualified 'No claim' and 'no demand' certificate. The abstract of final quantities and financial values shall also be entered in the measurement book and signed by both the parties. The final bill shall be paid within a reasonable time after completion of the work. After the payment of final bill, only the guarantee obligation percentage value (Security deposit) shall remain unpaid, which will be released after completion of defect liability period on submission of no-dues certificate.
13. The BHEL General Conditions of contract shall form an integral part of this contract. (The BHEL General condition of contract may be seen in civil Office).
14. The Special Conditions of Contract (SCC) shall have overriding priority over General Conditions of Contract (GCC). Whenever there is any contradiction between the GCC and SCC, the SCC shall be treated as final.
15. The contractor shall take necessary precautions for the safety of his workmen and provide them with all safety equipment like gloves, gum-boots etc as per

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requirement. BHEL shall not be liable to pay any additional amount on account of any safety equipment / PPE.

16. The contractor shall take proper care to avoid any damage to BHEL property. If any damage does take place, the contractor will be fully responsible for the same .The decision of Engineer in charge is such case shall be final and binding on contractor.
17. The contractor will follow all safety rules required in connection with execution of such type of works.
18. The contractor will provide the all safety equipment i.e. safety shoes, safety belt, goggle and all other equipment which are direct related to work execution at own his cost.
19. The workers should be trained enough for the work.
20. No minor worker will be allowed to work.
21. The contractor shall be wholly responsible for the behavior of his workmen with the official staff.
22. All tools & tackles, ladder & machinery required for the work execution shall be arranged by contractor on his cost.
23. The contractor will be fully responsible to follow the instruction related to works, given and recorded by department in "Site order Book" and will be signature by him daily against recorded instructions in "Site Order Book "at department.
24. Water will be supplied free of cost at one point for drinking and construction.
25. Electric power at site will be provided free of cost for concrete work and lighting by BHEL at the written request of the contractor at one point subject to the observance of rules and regulations of Electric board / company free of cost. 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.
26. It is mandatory that all consumable building material i.e. sand, stone aggregate, Tiles, paint and other required material to be used after prior approval of Engineer-in-charge.
27. Cement wastage @ 3% of total issued quantity shall be permissible. Beyond this recovery shall be made at double the issue rate for cement.
28. 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.
29. Test certificate for all consumed materials to be made available by the contractor as per direction of Engineer-in -charge (As per field quality plan) including strength of concrete cubes, bricks, aggregates. And any other materials provided by contractor at own cost.
30. For all natural minerals, if used in the work like sand, aggregate 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
31. ACCOUNTING- (If applicable)
  - a) Proper method of accounting of steel, TOR steel, cement & scrap material shall 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 returned by contract for reconciliation of steel. Wastage scrap beyond 2% will be deducted @ Rs.75 per kg.

32. RECOVERY FOR LAND & BUILDING RENT ISSUED TO CONTRACTOR ON DEMAND & AVAILABILITY.

Sl.No.	Description	Recovery Rate
1	Open land for labour stay.(For temporary arrangements.)	Rs. 5.00/ sqm
2	Store building (if available) or land for store (for temporary arrangements).	Rs. 25.00/ sqm –plinth area
3.	Resident building –only X type or Type 2.	As per applicable BHEL RULES and guidelines.

33. Material issued to Contractor

S.No.	Particulars	Rate at which material will		Quantity	Place of issue
		Unit			
NIL					

33. The quantity of individual item mentioned in BOQ may vary up to any extent as per requirement with restriction of awarded value of work of BHEL and the contractor shall not be liable for any claim of compensation on this account

Annexure'F'

## Technical Bid Qualifying criteria & check list

S. No	Particulars Details	Pease tick (✓)	Number / Details of enclosures
01	Name of the Firm (Document as per Sr. No. 2 of Qualifying Requirements)		
02	Name of the Proprietor/Partners		
03	Address and Contact Numbers		
04	Firm Registration Number if applicable (Copy of Certificate)		
05	Labour license Number (Copy of Certificate)		
06	ESI Code Number (Copy of Certificate)		
07	PF Code Number (Copy of certificate)		
08	PAN/TAN Number (Copy of PAN/TAN)		
09	GSTIN (PAN BASED) (Copy of certificate)		
10	Self-Declaration as per Annexure-V		
11	Balance Sheet along with Copy of Audited Financial annual statement by CA for last three financial years ending 31.03.19 as per tender		
12	Experience Certificate (Alongwith necessary enclosures as per tender to be submitted)		
13	No of Workers including supervisors on the rolls of the firm		
14	Committed Capacity against our tendered quantity in %		
15	Earnest Money Deposit <ul style="list-style-type: none"> <li>a) DD No/MR No. &amp; Date</li> <li>b) Drawn On (Bank)</li> </ul>		
16	Any Other relevant Information		
17	Validity of Offer (At least 120 Days from the date of tender opening)		
18	Blank Price Bid Format		
19	E-Mail and Mobile Numbers		

*Note: Technical bid and price bid should be submitted in separate sealed envelopes. In case the bids are found in one single envelope then the "bids" are liable to be rejected.*

Signature with Name

## Annexure -G

**BLANK PRICE BID (JS 472)**

a. Name of the firm : \_\_\_\_\_

S.NO	Ref.	Description	Unit	Quantity	Rate	Amount (Rs.)
1	Ex-1	Installation of Lifeline on the roof of Bay 10 having the dimension of 168 x 24 m. The maximum height of Bay-10 is 20 m. The plan of Bay-10 and the tentative lifeline arrangement shall be as per the enclosed drawing. The intermediate anchor support for the lifeline is to be provided at an average distance of 10 m approx. All the material, members shall be bought by the contractor. The contractor shall deploy experience labour to install the lifeline. The materials marked in the drawing are tentative and can be suitably modified by the contractor. The contractor has to provide a complete and holistic arrangement of lifeline over Bay 10 so that the same can be used to provide safety to the workmen at the time of sheet repair work over Bay 10. Technical specification and layout details of the lifeline system to be provided by the contractor is also to be submitted to the department.	Complete Job	1.00	412682.40	412682.40
2	Ex-2	Providing a set of removable runner made of SS 316, a full body harness and adjustable lanyard with grip adjuster with a length of 20 m to be used to ensure the safety of the worker while using the lifeline.	Per Set	5.00	9640.00	48200.00

3	Ex-3	Providing a set of removable runner made of SS 316, a full body harness and adjustable lanyard with grip adjuster with a length of 5 m to be used to ensure the safety of the worker while using the lifeline.	Per Set	5.00	7040.00	35200.00
Section Total A					496082.40	
Section Weightage percentage					100.00%	
Quoted Section amount Sec A (derived) from the Quoted Total Price Bid value					0.00	
Section Multiplying Factor					0.0000000000	
<b>Total Amount To be quoted by Contractor ( in figure )</b>					XXXXXXX	

Amount in Words:- .....XXXXXXX.....

**GST EXTRA AS APPLICABLE**

**NOTE – Contractor must not quote Amounts in this Blank Price Bid. This document must be submitted along with Techno-commercial bid.**

**Explanatory Note for calculating Quoted Rates of individual items of each section and billing method**

1. For each section the weightage percentage has been specified as per above.
2. Contractor only has to quote the total price bid value for the contract
3. The amount quoted by the contractor will be distributed in the 1 sections as per the weightage of that Section. The amount allocated to each section will be called as **Quoted Sectional Amount**
4. **The sectional multiplying factors for each section will then be calculated as follows:**

**Sectional Multiplying Factor = (Quoted Sectional Amount)**

Sectional Total of that Section as mentioned in Price Bid

5. The rates of the individual items in any section will be determined by the following formula-

**Actual Item rate = (Sectional Multiplying Factor) x (Item rate)**

6. To eliminate possibility of rounding off errors in **Actual item rates**, the billing shall be done by first calculating the amount derived by obtaining the quantity executed with the Item Rates and then the **total amount of each section will be multiplied with the Sectional Multiplying Factor**.



## Annexures (I-IX)

**UPLOADED IN SPERATE FILE -PAGE NO 01 TO 14**

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



# Bharat Heavy Electricals Limited, Jhansi

Department: Factory Civil

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

**UPLOADED IN SPERATE FILE (1 Page)**