



Bharat Heavy Electricals Limited, Jhansi

Department: Works Engineering And Services

Tender Enquiry No: WEX/TE/TW/22/14 Dated 09.01.2023



TENDER DOCUMENT

For Tender Enquiry No. : WEX/TE/TW/22/14 Dtd. 09.01.2023

For

“(Miscellaneous Electrical Work in BHEL Jhansi Factory and Township (Work Contract))”

Contact Person:

Name: MONIKA

Designation: Mgr (CCC)

Email: monikav@bhel.in

PH: 0510- 2770001-2414

Tender Due Date: 17.01.2023, at 13:15 Hrs

Tender Opening Date : 17.01.2023, at 14:00 Hrs

Rev	Short details of revision (In case of revision in tender document, otherwise NA
Date:	

Department:

Works Engineering And Services

BHEL, PO: BHEL, JHANSI 284120 (UP)



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DETAILS OF TENDER DOCUMENT

Nature of work: **Miscellaneous Electrical Work in BHEL Jhansi Factory and Township (Work Contract)**

1. BHEL -JHANSI is in the process of finalizing the Works Contract for **Miscellaneous Electrical Work in BHEL Jhansi Factory and Township (Work Contract)**.
2. The tender document has been detailed as follows:
 - a) Notice Inviting Tender (Annexure A)
 - b) Scope of work & Work Specifications (Annexure B)
 - c) Qualifying Requirements (Annexure C)
 - d) Special Terms and Conditions (Annexure D)
 - e) Technical Bid Application (Annexure E)
 - f) General Terms and Conditions
 - g) Blank Price Bid format (Annexure F(a))
 - h) Price Bid format (Annexure F(b))
 - i) Document referred in GTC (Annexure I- XIII)

The duly filled in Technical and Price / Rate bids (Annexure E and F (a&b)) separately along with the instructions to the tenders, 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. WEX/TE/TW/22/14 Dated 09.01.2023**" should reach us in a sealed cover on or before **17.01.2023 (13.15 hours)** through Registered / Speed post or the same may be dropped in the tender box available at the following address: (refer GTC ii(c).

To
Tender Box
CISF Control Room/Office
Administrative Building
Bharat Heavy Electricals Limited
Jhansi-284120. 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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Tender Documents

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DATE:09.01.2023

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Annexure A

NOTICE FOR INVITING TENDER

S. No	Particulars	Details
1	Brief Description of work	Miscellaneous Electrical Work in BHEL Jhansi Factory and Township (Work Contract)
2	Tender Evaluation Criteria	As per GTC point (iv)
3	Duration of Contract	One Year or Completion of total work
4	Last date of receipt of the Tender	Upto 13:15 hrs on 17.01.2023
5	Date of opening of Techno – Commercial Bid.	14:00 hrs on 17.01.2023
6	Address for submitting the Tender	As per GTC point ii(c)
7	Earnest Money Deposit * (EMD)	Rs 7028.00
8	Cost of Tender	NIL
9	MSME Clause	As per GTC point (iii)
9	Validity of Offer	90 Days
10	Security Deposit	As per GTC point (ix)

Note: *

- The EMD shall be accepted only in the following forms:

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

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

- 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

We hereby accepted above (signature & seal of bidder)

Seal & Signature of BHEL contracting authority



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Annexure B

WORK SPECIFICATION

(A) DETAILS OF WORK

Sl No	Description of work	Quantity
1	Preparation of earth pits and laying of earth strips	
1.1	Preparation of earth pits	11 Nos
1.2	Laying and connecting of earthing strips	120 Mtr.
2	Miscellaneous electrical wiring work	
2.1	Batten point wiring	310 Nos
2.2	Conduit point wiring	470 Nos
2.3	Fixing and connecting Of fan and tube fittings	310 Nos
2.4	Fixing and connecting of Distribution Boards	60 Nos
2.5	Laying and connecting of sub-main	2000 Mtr
3	Cable laying work	
3.1	Laying of cable	3400 Mtr
4	Erection of pole for street light fittings	
4.1	Erection of poles	10 Nos
4.2	Dismantling of poles	5 Nos
4.3	Fixing and connecting of street light fittings	30 Nos
5	Trimming of trees under and around of overhead HT and LT lines and dispose of the waste material.	16 Nos
6	Trimming of trees under and around of street light poles and dispose of the waste material.	360 Nos
7	Preventive Maint. Of Desert Coolers	207 Nos
8	Preventive Maint. Of Ceiling Fans	582 Nos
9	Laying of HT cable	2000 Mtr.

(B) SCOPE OF WORK

(1) Preparation of earth pits and laying of earth strips.

- 1.1** Preparation of earth pits: Excavation of earth pit of size as per given drawing receiving and shifting of material from store to work place, fixing of electrodes of size as per given drawing and backfilling of pit. All the material shall be provide by BHEL.



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- 1.2 Laying of connections of earth strips: Receiving and shifting of material from store to work place, laying and connecting of earth strip from earth pit to concerned installation in all respect.

(2) Miscellaneous electrical wiring work.

- 2.1 Batten point wiring: Wiring will be done as per instruction of area in-charge. All material will be Issued from WE&S /Township store.
- 2.2 Conduit point wiring: Wiring will be done as per instruction of area in-charge. All material will be Issued from WE&S /Township store.
- 2.3 Fixing and connecting of fan and tube fittings: Fixing of fan and tube fitting will be done as per Instruction of area in-charge. All material will be issued from WE&S /Township store .Assembly of fan also to be done by contractor.
- 2.4 Fixing and connecting of Distribution Board: Fixing of Distribution Board will be done as per Instruction of area in-charge. All material will be issued from WE&S /Township store .Assembly of fan also to be done by contractor.
- 2.5 Laying and connecting of sub – main: Laying of Sub –Main will be done in township. The work includes removing of old Sub-Main and laying of new Sub-Main. All material will be issued from WE&S /Township store.

(3) Cable laying work

- 3.1 Laying of cable: Cable laying work will be done as per the instruction given by maintenance in-charge ,it includes transportation of cable drum from store to work place ,laying of cable in a buried cable trench size 450X600 mm deep duly covered with bricks and re-filling with excavated earth and finish up to the existing ground level in all respect .

(4) Erection of pole for street light fittings:

4.1 Erection of pole:

- 4.1.1 Excavation of pit (approximate size 3x3x6 feet).
- 4.1.2 Shifting /Transportation of pole from WEX store to the required Location.
- 4.1.3 Erection of pole.
- 4.1.4 Grouting of pole.

4.2 Dismantling of pole:

- 4.2.1 Dismantling of street light fitting/cross arm.
- 4.2.2 Disconnection of cables in terminal box.
- 4.2.3 Excavation of pits around the pole.
- 4.2.4 Dismantling /lay down the pole.

4.3 Fixing and connecting:

- 4.3.1 Laying of connecting wire from mask of fitting to terminal box of street light fittings.
- 4.3.2 Termination /connection of cable in terminal box.
- 4.3.3 Fixing connecting of street light fittings



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(5) Trimming of trees under and around of overhead HT and LT lines and dispose of the waste material: Scope includes to trim the trees under and around (Apx.2 to 3 Mtrs) of HT and LT lines in BHEL-Township and make lines clear in all respect. The total work shall be done in 04 phases(Approximate 04 KM per phase) during total contract period, as directed by section in-charge.

The waste material occur after tree trimming shall be disposed off up to the place as directed by section in-charge.

(6) Trimming of trees under and around of street light poles and dispose of the waste material: Scope includes to trim the trees under and around of under ground(Apx.2 to 3 Mtrs)street light poles and make all street lights clear in all respect. The total work shall be done in 04 phases(Approximate 90 nos. street light poles per phase) during total contract period, as directed by section in-charge.

The waste material occur after tree trimming shall be disposed off up to the place as directed by section in-charge.

(A) Before start of work on any electrical line the contractor has to confirm from township electrical maintenance centre that the concern line is under shutdown in all respect.

(B) After completing the work on line contractor has to remove all worker from concern electrical line than he has to request to township electrical maintenance centre to re-energised the line.

(C) Contractor or his authorized representative shall be present at site during his workers are working on Electrical lines.

(7) Preventive maintenance of Desert Coolers: - Dismantling, cleaning, change of wood wool, Oiling, greasing, re-assembling and making running condition in all respect.

(8) Preventive maintenance of Ceiling fans: - Dismantling, cleaning, change of bearing (if required), oiling , greasing , re-assembling and making running condition in all respect.

(9) Laying of HT cable:

9.1 Cable laying work will be done as per instructions given by maintenance in charge. It includes transportation of cable drums from store to work place , laying of cable in a buried cable trench sized 450X1000mm deep duly covered with bricks and re-filling with excavated earth and finish up to the existing ground level in all respect.

9.2 Cable will be issued to the contractor free of cost form WE&S store.

9.3 After cable laying the empty cable drums or remaining cable in drums should be handed-over in WE&S store.



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Annexure C

QUALIFYING REQUIREMENTS

SL	Description of Qualifying requirement						
1.	Average Annual Financial turnover: 1.1) Average Annual financial turnover from during the last 3 years, ending 31st March, 2022 should be at least Rs. 1.05 Lakh of the estimated cost. Duly audited Financial Statement/ Balance sheet / Certificate from CA to be submitted as a supporting document. 1.2) If all balance sheets are not available for all three years than the average shall be calculated by dividing the sum of turnover of submitted balance sheets by three. 1.3) Bidder not having statutory obligation to get financial statement audited as required in clause 1.1 then he must submit following documents as evidence for turnover: a. A certificate from CA duly vetting turnover. OR b. Audited balance sheet & profit and loss amount.						
2.	Experience: Experience of having successfully completed similar work (means completed work/service contract for the work of maintenance of electrical facilities/miscellaneous electrical works) during last 7 years from the previous month of floating of tender should be either of the following:- a. Three similar completed works contracts during last 7 years from the previous month of floating of tender each costing not less than the amount equal to Rs. 1.41 Lakh. OR b. Two similar completed works contracts during last 7 years ending from the previous month of floating of tender each costing not less than the amount equal to Rs. 1.76 Lakh OR c. One similar completed work contracts during last 7 years ending from the previous month of floating of tender each Costing not less than the amount equal to Rs. 2.81 Lakh. As evidence of the above information , the bidder to attach the documentary proof as below, <table><thead><tr><th>Worked for</th><th>Documentary Proof to be attached.</th></tr></thead><tbody><tr><td>(a) In case of Experience in Government Organizations / PSU/Semi Government.</td><td>i) Copy of Work Order/Purchase Order. ii) Copy of Work Completion Certificate</td></tr><tr><td>(b) In case of Experience in Private Sector.</td><td>i) Copy of Work Order/Purchase Order. ii) Copy of Work Completion Certificate iii) TDS Certificate (Form 16 A)</td></tr></tbody></table>	Worked for	Documentary Proof to be attached.	(a) In case of Experience in Government Organizations / PSU/Semi Government.	i) Copy of Work Order/Purchase Order. ii) Copy of Work Completion Certificate	(b) In case of Experience in Private Sector.	i) Copy of Work Order/Purchase Order. ii) Copy of Work Completion Certificate iii) TDS Certificate (Form 16 A)
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(b) In case of Experience in Private Sector.	i) Copy of Work Order/Purchase Order. ii) Copy of Work Completion Certificate iii) TDS Certificate (Form 16 A)						
3.	Copy of PAN card to be submitted						
4.	Copy of GST registration to be submitted.						



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ANNEXURE -D

SPECIAL TERMS & CONDITIONS

SCOPE OF CONTRACT WORK FACILITY

- (a) All the spares including consumable like gear oil, grease, cotton waste, Electrical items, gas cutting, welding and machining facilities etc. shall be provided by BHEL- Jhansi free of cost.
- (b) The contractor for the work mentioned above shall maintain sufficient staff. Work shall be done in first and Second shifts. However during production/ emergency, work in third shift may also be done in some areas as instructed by the in charge maintenance.
- (c) A responsible and competent supervisor shall be posted to co-ordinate and supervise the work.
- (d) Contractor is required to maintain sufficient experienced (technical and helper) staff to carry out the subject work during total contract period.
- (e) Before quoting bidder may visit the site to see equipment installation and quantum of work if required.
- (f) Facilities and Free Issues :
 - (a) Water, electricity, compressed air, oxygen and acetylene welding facilities and welding/brazing rod will be provided by BHEL free of cost. However, no claims will be admissible if the above facilities are not provided due to any reason what so ever both within factory premises and outside.
 - (b) All required spares and consumable like, electrical spares etc. shall be given by BHEL free of cost.
- (g) All the tools like Kulhadi, Aari and ladder for trimming of tree shall be arranged by the contractor.



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ANNEXURE -E

TECHNICAL BID APPLICATION FOR 'Miscellaneous Electrical Work in BHEL Jhansi Factory and Township (Work Contract)

(A) ESSENTIAL DOCUMENTS REQUIRED

1. Name of the firm : _____
2. Name of the Proprietor : _____
3. Address, e-MAIL and Contact Numbers : _____

4. ESI Code Number (of the company's operator) : _____

Copy of the ESI Certificate Enclosed / Not Enclosed

5. PAN/TAN Number : _____
6. Goods & Service Tax Number (PAN Based) : _____

Copy of Certificate Enclosed / Not Enclosed

7. Audited financial statement/CA Certificate as per tender: Enclosed / Not Enclosed
8. Experience Certificate: Enclosed / Not Enclosed

(Along with necessary enclosures as per tender to be submitted)

9. Earnest Money Deposit : Rs. _____
- a) D.D. Number & Date : _____ Date _____
- b) Drawn on (Bank) : _____
11. Any other relevant information : _____
12. Tender Cost : Rs. _____

D.D. No. /Receipt No : _____



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13. Validity of offer : _____

(At least 120 days from the date of tender Opening.)

14. Blank Price bid format : Enclosed / Not Enclosed

15. PF registration certificate (if exempted, submit exemption proof)

PF registration code: _____

Attach Copy of the PF registration

16. ESI registration certificate: (if exempted submit exemption proof)

ESI registration code: _____

Attach Copy of ESI registration

(B) DESIRABLE:

1. Income Tax return last 3 yrs. : Enclosed / Not Enclosed

2. Acceptance of Reverse Auction : Accepted / Not accepted

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

Signature with Name & Office Seal

Date:

NOTE: TECHNICAL BID AND PRICE BID SHOULD BE SUBMITTED IN SEPARATE SEALED ENVELOPS. IN CASE THE BIDS ARE FOUND IN ONE SINGAL ENVELOPE THEN THE "BIDS" ARE LIABLE TO BE REJECTED.

Regarding conflict of interest of bidders:

*"A bidder shall not have conflict of interest with other bidders. Such conflict of interest can lead to anti-competitive practices to the detriment of Procuring Entity's interests. **The bidder found to have a conflict of interest shall be disqualified.** A bidder may be considered to have a conflict of interest with one or more parties in this bidding process, if:*

- a) they have controlling partner (s) in common; **or***
- b) they receive or have received any direct or indirect subsidy/ financial stake from any of them; **or***
- c) they have the same legal representative/agent for purposes of this bid; **or***
- d) they have relationship with each other, directly or through common third parties, that puts them in a position to have access to information about or influence on the bid of another Bidder; **or***
- e) Bidder participates in more than one bid in this bidding process. Participation by a Bidder in more than one Bid will result in the disqualification of all bids in which the parties are involved. However, this does not limit the inclusion of the components/ sub-assembly/ Assemblies from one bidding manufacturer in more than one bid; **or***

f) *In cases of agents quoting in offshore procurements, on behalf of their principal manufacturers, one agent cannot represent two manufacturers or quote on their behalf in a particular tender enquiry. One manufacturer can also authorise only one agent/dealer. There can be only one bid from the following:*

- 1. The principal manufacturer directly or through one Indian agent on his behalf; and*
- 2. Indian/foreign agent on behalf of only one principal;*

or

g) *A Bidder or any of its affiliates participated as a consultant in the preparation of the design or technical specifications of the contract that is the subject of the Bid; or*

h) *In case of a holding company having more than one independently manufacturing units, or more than one unit having common business ownership/management, only one unit should quote. Similar restrictions would apply to closely related sister companies. Bidders must proactively declare such sister/ common business/ management units in same/ similar line of business."*