



**TENDER DOCUMENT**

**For Works Contract**

**For Tender Enquiry No : FCX/TW/23/13**

**For**

**“Repair and maintenance of roof & side sheeting work of sheds inside factory area.”**

**Contact Person :**

Name : Vinod Kevre

Designation : DGM (CMM)

Email : kevre@bhel.in

PH : 0510 – 241 – 2797

**Tender Due Date 31/10/2023 at 13 :15 Hrs**

**Tender Opening Date : 31/10/2023 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		
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 annexure V on letter head.	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 and income tax return for last three year i. 2020-21 ii. 2021-22 iii. 2022-23	Submitted/ Not submitted	

**BHARAT HEAVY ELECTRICALS LIMITED, JHANSI****Factory Civil Department****TENDER DOCUMENT****TENDER ENQUIRY NO. : FCX/TW/23/13****DATE:- 10/09/2023**

<b>16.</b>	Work Experience i. Work order ii. Completion Certificate iii. Bill of Quantity 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	
<b>17.</b>	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 &amp; Seal

We hereby accepted above (Signature &amp; seal of bidder)

Seal &amp; Signature OF BHEL contracting authority

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## **NOTICE INVITING TENDER**



**Factory Civil Department****TENDER DOCUMENT****TENDER ENQUIRY NO. : FCX/TW/23/13****DATE:- 10/09/2023****1- NOTICE INVITING TENDER**

S. No.	Particulars	Details
1.	Name of work	<b>Repair and maintenance of roof &amp; side sheeting work of sheds inside factory area.</b>
2.	Tender Evaluation Criteria	As per GTC issued by "Central Contracting Cell" and Tender Documents.
3.	Duration of the Contract	<b>12 Months</b>
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)	<b>19833.00</b>
8.	Cost of tender (Non refundable)	<b>Rs. Nil</b>
9.	Validity of Offer	120 days
10.	Defect liability period	<b>One year from the date of work order completion</b>
11.	Reverse Auction	<b>BHEL shall be resorting to reverse auction (RA) (Guidelines as available on <a href="http://www.bhel.com">www.bhel.com</a>) 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 .</b>
12.	MSME Benefit	<b>As per attached PQR</b>
13.	Start-up scheme Benefit	<b>Not Applicable</b>

**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](http://www.bhel.com)" & "[www.eprocure.gov.in](http://www.eprocure.gov.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 " Repair and maintenance of roof & side sheeting work of sheds inside factory area"**. Similarly, the Price-bid must be duly signed and sent in a sealed envelope boldly super-scribing **"PART-II PRICE "Repair and maintenance of roof & side sheeting**

We hereby accepted above (Signature & seal of bidder)

Seal & Signature OF BHEL contracting authority

# BHARAT HEAVY ELECTRICALS LIMITED, JHANSI

## Factory Civil Department

### TENDER DOCUMENT

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**work of sheds inside factory area.”** Both these envelopes shall be placed inside 3<sup>rd</sup> sealed envelope super-scribing” duly signed and sent in a sealed envelope boldly super-scribing “ **Repair and maintenance of roof & side sheeting work of sheds inside factory area.”**

**The tender shall be addressed to as follows:**

Name : Vinod Kevre  
Designation : 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 : DGM (CMM)  
Email : kevre@bhel.in  
PH : 0510 – 241 – 2797

**Or if sent through email**

**Email Id: tinderbox.jhs@bhel.in**

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

**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))

We hereby accepted above (Signature & seal of bidder)

Seal & Signature OF BHEL contracting authority

**Brief Description of Work / Scope of work**

Name of work: **“Repair and maintenance of roof & side sheeting work of sheds inside factory area.”**

The scope of work shall be including but not be limited to the following:

1. Replacing of old sheets (Asbestos/Galvalume/Polycarbonate) as per the requirement and instruction of Engineer-in-Charge.
2. Replacement of broken louvers.
3. Cleaning of gutters at height as per the requirement and instruction of Engineer-in-Charge.
4. Replacing of gutters at height as per the requirement and instruction of Engineer-in-Charge.
5. Cleaning of Water down-take MS pipe at height as per the requirement and instruction of Engineer-in-Charge.
6. Filling of holes of the roof of various bays with adequate compound.
7. Fixing of wind tie at the roof of the bays as per the requirement and instruction of Engineer-in-Charge.
8. All the above-mentioned work is to be carried out while following the best safety practices. Only trained workers must be deployed for the work. They must use safety belts (full body harness), safety helmets and other safety gadgets while carrying out the work. They must use safety nets (if possible) while carrying out the work.
9. Providing and fixing fire retardant and U.V. resistant profiled and solid transparent embossed polycarbonate sheet of minimum 3 mm thick of matching profile at the roof top of manufacturing blocks including:
  - Removal of existing old GS Sheet/ Galvalume Sheet including removal of ridges, hips valley, gutters etc. and stacking the material with 50 meters lead. To avoid breakage of sheets, adjacent sheets may also be required to be removed /loosened and then fixed accordingly.
  - Rates shall be inclusive of GI hooks, self-tapping screws or any other material required for fixing. For measurement, overlap between new and existing sheet will not be deducted and would be considered during calculation of area. Whereas, the overlap arising between new sheets would be deducted during calculation of area. During dismantling, if adjacent AC sheet gets broken, it shall be provided free of cost from BHEL and the fixing & installation shall be done by contractor at his own cost. The above item comprises of all the activities required to replace the existing sheet with Polycarbonate Sheet.
10. Providing and fixing fiberglass reinforced plastic sheet 2 mm thick corrugated of matching profile at the roof top of manufacturing blocks including:
  - Removal of existing old GS Sheet/ AC sheet including removal of ridges, hips valley, gutters etc. and stacking the material with 50 meters lead. To avoid breakage of sheets, adjacent sheets may also be required to be removed /loosened and then fixed accordingly.
  - Rates shall be inclusive of GI hooks, self-tapping screws or any other material required for fixing. For measurement, overlap between new and existing sheet will not be deducted and would be considered during calculation of area. Whereas, the overlap arising between new sheets would be deducted during calculation of area. During dismantling, if adjacent AC sheet gets broken, it shall be provided free of cost from BHEL and the fixing & installation shall be done by contractor at his own cost. The above item comprises of all the activities required to replace the existing sheet with FRP Sheet.

**Note:**

The scope shall also include all associated & enabling works including the cost of labour, tools & tackles and materials except for those to be provided by BHEL free of cost or on chargeable basis as mentioned in the schedule.

It is also advised that the bidder shall visit the Jhansi plant and physically see the work area in order to have visualization of the work content involved in the above works.

**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. Copy of independent ESI Registration.
5. Signed copy of Blank Price Bid.
6. 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: -

**FOR NON MSE REGISTERED BIDDERS**

Three similar works each valuing not less than the amount equal to **Rs 3.97 Lakhs** or

Two similar works each valuing not less than the amount equal to **Rs 4.96 Lakhs** or

One similar works each valuing not less than the amount equal to **Rs 7.94 Lakhs**.

**FOR MSE REGISTERED BIDDERS** (MSE bidders have to submit valid UDYAM certificate covering activities as mentioned in definition of similar work as below)

Three similar works each valuing not less than the amount equal to **Rs 0.99 Lakhs** or

Two similar works each valuing not less than the amount equal to **Rs 1.24 Lakhs** or

One similar works each valuing not less than the amount equal to **Rs 1.98 Lakhs**.

Executed Similar Work means bidder has experience of "Any type of "Work/Service contract containing sheeting work of sheds"" 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 (Traces from 26AS or 16A) submission for experience in PSU / CPSU / State govt. / Central Govt./ Private sector for successful execution of the requisite value is to be submitted. In case experience is submitted for work done in BHEL, Tax Invoice/TDS certificate is not required.

MSE bidders have to submit valid UDYAM certificate in order to avail the benefits earmarked for MSE Companies.

7. Turnover criteria: Average Annual financial turnover during the last 3 years ending 31st March 2023, should be at least **Rs. 2.98 Lakhs** (FOR NON MSE BIDDERS) and **Rs. 0.74 Lakhs** (FOR MSE BIDDERS). (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: Considering critical quality aspects and technical specification implications for the work, no relaxation shall be given to Start-up bidders on account of turnover criteria & prior experience.

8. Documentary proof in support of above eligibility criteria along with EMD shall be submitted along with Techno Commercial Bid. (**EMD Rs – 19,833.00/-**). Submission of EMD is must for both MSE and Non-MSE bidders.

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.

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(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 (\_\_\_\_\_) 10. Bidders are required to submit a self-declaration to avoid cartel formation on their letter head as per the Format enclosed in Annexure A.

**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)**

**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. Testing of these materials (If required) shall be carried out at any BHEL or Govt approved/NABL approved 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/BHEL and valid calibration must be available with them for verification by BHEL.
7. The contractor shall be fully and finally responsible for correctness and quality of his work to the entire satisfaction of the BHEL/Customer.
8. 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.
9. Material reconciliation statement has to be submitted by the contractor as & when required by BHEL.
10. 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.
11. The quantity of items in the BOQ can vary to any extent during the execution as per the actual site requirement.
12. In case of any difference between agreement, wording and detailed drawings the interpretation of the BHEL shall be final and binding on the contractor.
13. The final acceptance of work in all items are subject to proper performance regardless of whether the items are paid for or not.
14. 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.
15. Water will be supplied free of cost at one point for drinking and construction.
16. 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).

17. 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.
18. 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.

**BHARAT HEAVY ELECTRICALS LIMITED, JHANSI****Factory Civil Department****TENDER DOCUMENT****TENDER ENQUIRY NO. : FCX/TW/23/13****DATE:- 10/09/2023****BLANK PRICE BID JS-472**

SL. Nos.	Description of work	% Allocation (Item-wise)	Unit	Qty	Rate per Unit (in Rs.)	Amount (in Rs.)
1	Fixing Polycarbonate sheet/ AC sheet/ Galvalume sheet of matching profile at the roof top of manufacturing blocks and other structures including removal of existing old GS Sheet/ Galvalume Sheet/ AC sheet including removal of ridges, hips valley, gutters etc. and stacking the material at appropriate places as per instruction of engineer-in- charge. To avoid breakage of sheets, adjacent sheets will also be required to be removed /loosened and then fixed accordingly. For measurement, overlap between new and existing sheet will not be deducted and would be considered during calculation of area. Whereas, the overlap arising between new sheets would be deducted during calculation of area. The above item comprises of all the activities required to replace the existing sheet with Polycarbonate sheet/ AC sheet/ Galvalume sheet <b>(All items shall be issued by BHEL free of cost)</b>					
a	Replacement upto 7 mtr height	10.39843%	Sqm	438.00	#VALUE!	#VALUE!
b	Replacement above 7 mtr height	11.36441%	Sqm	400.00	#VALUE!	#VALUE!
2	Replacing broken /defective Louver <b>(All items shall be issued by BHEL free of cost)</b>	0.73557%	Mtr	30.00	#VALUE!	#VALUE!
3	Cleaning of Roof Gutters in factory area at height any height <b>(All items shall be issued by BHEL free of cost)</b>	8.57001%	Mtr	3670.00	#VALUE!	#VALUE!
4	Repairing of downtake MS pipe/ joint for 100 mm, 150 mm dia pipe at different places inside factory premises <b>(All items shall be issued by BHEL free of cost)</b>	2.91894%	Mtr	100.00	#VALUE!	#VALUE!
5	Replacing of old gutter and/or fixing of new M.S. Gutter situated at different places inside factory premises. <b>(All items shall be issued by BHEL free of cost)</b>	1.94596%	Mtr	50.00	#VALUE!	#VALUE!
6	Inspection and maintenance of roof sheeting including filling of holes by bitumastic compound/bitumen washer /M seal etc. to stop the leakage of roof from an area of 150 Sqm . <b>(All items shall be issued by BHEL free of cost)</b>	12.24009%	Nos	629.00	#VALUE!	#VALUE!
7	Fixing of wind tie as required at the top of the roof of various blocks as per the direction of Engineer - In - Charge <b>(All items shall be issued by BHEL free of cost)</b>	3.53075%	Kg	1512.00	#VALUE!	#VALUE!

We hereby accepted above (Signature &amp; seal of bidder)

Seal &amp; Signature OF BHEL contracting authority

**BHARAT HEAVY ELECTRICALS LIMITED, JHANSI****Factory Civil Department****TENDER DOCUMENT****TENDER ENQUIRY NO. : FCX/TW/23/13****DATE:- 10/09/2023**

8	<p>Providing and fixing fire retardant and U.V. resistant profiled and solid transparent embossed polycarbonate sheet of minimum 3 mm thick of matching profile at the roof top of manufacturing blocks including:</p> <ul style="list-style-type: none"><li>• Removal of existing old GS Sheet/ Galvalume Sheet including removal of ridges, hips valley, gutters etc. and stacking the material with 50 meters lead. To avoid breakage of sheets, adjacent sheets may also be required to be removed /loosened and then fixed accordingly.</li><li>• Rates shall be inclusive of GI hooks, self-tapping screws or any other material required for fixing.</li></ul> <p>For measurement, overlap between new and existing sheet will not be deducted and would be considered during calculation of area. Whereas, the overlap arising between new sheets would be deducted during calculation of area. During dismantling, if adjacent AC sheet gets broken, it shall be provided free of cost from BHEL and the fixing &amp; installation shall be done by contractor at his own cost.</p> <p>The above item comprises of all the activities required to replace the existing sheet with Polycarbonate Sheet.</p>	32.21100%	Sqm	189.00	#VALUE!	#VALUE!
9	<p>Providing and fixing fiberglass reinforced plastic sheet 2 mm thick corrugated of matching profile at the roof top of manufacturing blocks including:</p> <ul style="list-style-type: none"><li>• Removal of existing old GS Sheet/ AC sheet including removal of ridges, hips valley, gutters etc. and stacking the material with 50 meters lead. To avoid breakage of sheets, adjacent sheets may also be required to be removed /loosened and then fixed accordingly.</li><li>• Rates shall be inclusive of GI hooks, self-tapping screws or any other material required for fixing.</li></ul> <p>For measurement, overlap between new and existing sheet will not be deducted and would be considered during calculation of area. Whereas, the overlap arising between new sheets would be deducted during calculation of area. During dismantling, if adjacent AC sheet gets broken, it shall be provided free of cost from BHEL and the fixing &amp; installation shall be done by contractor at his own cost.</p> <p>The above item comprises of all the activities required to replace the existing sheet with FRP Sheet.</p>	16.08483%	Sqm	145.00	#VALUE!	#VALUE!
		100.00000%	Sub Total "A"			XXXXX
	IN WORDS	0				

**GST extra as applicable****Don't Fill rates in this sheet.**

We hereby accepted above (Signature &amp; seal of bidder)

Seal &amp; Signature OF BHEL contracting authority

**Annexures (I-XII)**

**Attached below**

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

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/23/13**

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/23/13**

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)**

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

**UPLOADED IN SEPARATE FILE**