



**BHARAT HEAVY ELECTRICALS LIMITED
TRANSFORMER PLANT, JHANSI
TOWNSHIP CIVIL DEPARTMENT**

Tender Enquiry No: TCX/TW/24/04 Date: - 08/07/2024

TD: 2024-25, Rev- 00



TENDER DOCUMENT for Works Contract

For Tender Enquiry No.: **TCX/TW/24/04**

For

“Repair and maintenance of roof and side sheeting work in the Township premises of BHEL TP Jhansi”

Contact Person:

Name : Ms Monika

Sr.Manager (CMM)

Email : monikav@bhel.in

PH : 0510 – 2770001 – 2414

Tender Due Date : 23/07/2024 at 13 :15 Hrs

Tender Opening Date : 23/07/2024 at 14 :00 Hrs



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**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.	Copy of PAN card	PAN No-	
8.	Copy of GST registration	GST No-	
9.	Self declaration as per as per annexure V of GTC .	Submitted/ Not submitted	
10.	Copy of ESI Registration	ESI No-	
11.	Blank price bid format duly signed by the contractor.	Submitted/ Not submitted	
12.	Work Experience i. Work Order ii. Completion Certificate iii. Bill of Quantity Relevant TDS/TRACES Certificate must be attached as evidence.	Submitted/ Not submitted	



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	In case experience is submitted for work done in BHEL Jhansi, TDS/Tax invoice is not required.		
13.	Copy of turn over and income tax return for last three year i. 2021-22 ii. 2022-23 iii. 2023-24	Submitted/ Not submitted	
14.	Receipt of EMD deposition	Amount: NIL	
15.	Copy of ownership of firm	Submitted/ Not submitted	
16.	Self-declaration to avoid cartel formation on their letter head as per the Format enclosed in Annexure A .	Submitted/ Not submitted	
17.	Receipt of tender fees deposition	Amount: NIL	
18.	Copy of PF registration	PF No-	

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

Date :-

Signature With Name & Seal



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PART II: PRICE BID

(Separate envelope)

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NOTICE INVITING TENDER





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NOTICE INVITING TENDER

S. No.	Particulars	Details
1.	Name of work	Repair and maintenance of roof and side sheeting work in the Township premises of BHEL TP Jhansi
2.	Tender Evaluation Criteria	As per GTC issued by "Central Contracting Cell" and Tender Documents.
3.	Duration of the Contract	04 months from the date of issue of Work Order
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)	Rs. NIL
8.	Cost of tender (Non refundable)	Rs. Nil
9.	Validity of Offer	120 days from the date of Techno- commercial (Part-I) bid opening date
10.	Defect liability period	One year from the date of actual date of completion of work
11.	Reverse Auction	RA will not be conducted for this tender.

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.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 placed in a sealed envelope boldly super-scribing "**PART-I TECHNO COMMERCIAL BID FOR "Repair and maintenance of roof and side sheeting work in the Township premises of BHEL TP Jhansi "**".



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Similarly, the Price-bid must be duly signed and placed in a sealed envelope boldly super-scribing **“PART-II PRICE BID FOR “Repair and maintenance of roof and side sheeting work in the Township premises of BHEL TP Jhansi ”.**

Both these envelopes shall be placed inside 3rd sealed envelope duly signed super-scribing boldly **“Repair and maintenance of roof and side sheeting work in the Township premises of BHEL TP Jhansi ”** and sent in a sealed envelope.

The tender shall be addressed to as follows:

Ms Monika
Manager (CMM)
Email : monikav@bhel.in
PH : 0510 – 2770001 – 2414

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

If submitted personally

Tender Box
Security Control Room/Office
Administrative Building
Bharat Heavy Electricals Limited
Jhansi-284120 (U P)

Or if sent through Courier / Post

Office of
Ms Monika
Manager (CMM)
Material Management Department
Email : monikav@bhel.in
BHEL, JHANSI - 284120
PH : 0510 – 2770001 – 2414

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:

We hereby accepted above (signature & seal of bidder)

Seal & Signature of BHEL contracting authority



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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))



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BRIEF DESCRIPTION OF WORK / SCOPE OF WORK

Sl.no.	Description of work	Unit	Qty.	% Allocation
1	Earth work in excavation by mechanical means (Hydraulic excavator) / manual means in foundation trenches or drains, All kinds of soil (not exceeding 1.5 m in width or 10 sqm on plan) including dressing of sides and ramming of bottoms, lift upto 1.5 m, including getting out the excavated soil and disposal of surplus excavated soil as directed, within a lead of 50m.	cum	3.00	0.0783928400%
2	Filling available excavated earth in (excluding rock)	cum	1.00	0.0197450100%
3	P and L in position Cement concrete -1:2:4 (1 Cement: 4 coarse sand: 8 graded stone aggregate 20mm nominal size) excluding the cost of entering and shuttering all work up to plinth level.	cum	3.00	1.5242418100%
4	P and L in position Cement concrete -1:4:8 (1 Cement: 4 coarse sand: 8 graded stone aggregate 40mm nominal size) excluding the cost of entering and shuttering all work upto plinth level.	cum	1.00	0.5089406700%
5	Steel work welded in buildup sections / Framed work including cutting , hoisting , fixing in position and applying a priming coat of approved steel primer using structural steel etc. as required in gratings , frames , guard bar, ladder, railing brackets	kg	560.00	6.9516842600%
6	All items of DSR 2016 but not covered above.	basic value	15000.00	2.3755405000%
7	Supply and installation of coated galvalume steel sheet (Maximum height up to 30.0 m) having maximum of pitch of 205 mm c/c and minimum 28 mm crest depth in length for roofing / side cladding as per the site requiremen. The supplied material is to be manufactured out of 0.50 mm TCT (Total coated thickness and 550 MPA tensile strength, with zinc aluminium alloy of AZ-150 (As per AS-1397:1993). The sheet shall have a hot dip metallic zinc aluminium alloy coating of zinc (43%), silicon(1.5%) and aluminium (55%) with total mass coating of 150 gms/sqm considering both sides together, self drilling/ self tapping screws with EPDM seal fixed to the existing MS purlins / MS runners complete as per drawing and as directed by engineer-in-charge.	sqm	435.00	50.8667543300%



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8	Supply & Fixing of flashings, ridges, cappings, corner pieces etc. made of 0.5mm TCT galvolume sheet in required shape and size having a yield strength of 550 Mpa (with 150 gsm/ sqm minimum coating mass total of both side as per AZ 150), smp colour coating provided on exposed face with 20 microns thick finish and inner face provided with back-coat pre-coating of 5-7 microns & fixed with stitching screw complete.	Metre	144.00	9.4301209900%
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/Galvolume 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 sheets gets broken, it shall be provided free of cost from BHEL and the fixing and 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.	Sqm	53.00	21.0174203600%



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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/Galvolume 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 sheets gets broken, it shall be provided free of cost from BHEL and the fixing and 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.	Sqm	28.00	7.2271592500%
Total				100.0000000000%

The above scope is not exhaustive and will include any other activity apart from above necessary for completing the subject work in residential and public building of township and shall be covered under SI No 6.

Note: -

1. It is also advised that the bidder shall visit the Township premises of BHEL TP Jhansi and physically see the work area/areas in order to have visualization of the work content involved for the above works.
2. The quantity of items in the BOQ can vary to any extent during the execution as per the actual site requirement.



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QUALIFYING REQUIREMENTS

SI No	Description of Requirement
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	<p>Work Experience:</p> <p>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: -</p> <p><u>FOR NON MSE REGISTERED BIDDERS:</u></p> <ul style="list-style-type: none">a. Three similar works each valuing not less than the amount equal to Rs. 1,64,173/- orb. Two similar works each valuing not less than the amount equal to Rs. 2,05,217/- orc. One similar works each valuing not less than the amount equal to Rs. 3,28,346/- <p><u>FOR MSE REGISTERED BIDDERS</u> (MSE bidders have to submit valid UDYAM certificate):</p> <ul style="list-style-type: none">a. Three similar works each valuing not less than the amount equal to Rs. 41,043/- orb. Two similar works each valuing not less than the amount equal to Rs. 51,304/- orc. One similar works each valuing not less than the amount equal to Rs. 82,087/- <p>Executed Similar Work means all type Civil construction/Maintenance /Renovation works of requisite value in any PSU / CPSU / State govt. / Central Govt./ Private sector.</p> <p>Documentary proof (Completion Certificate and WO/PO/LOI) & TDS (Traces from 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.</p> <p>MSE bidders have to submit valid UDYAM certificate.</p>



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7	<p>Turnover criteria:</p> <p>Average Annual financial turnover during the last 3 years ending 31st March 2024, should be at least Rs. 1,23,130/- (FOR NON MSE BIDDERS) and Rs. 30,782/- (FOR MSE BIDDERS). (Bidder to attach audited balance sheet and Profit & Loss Account of last three financial years, ending 31st March 2024, 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.</p> <p>Note:- 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.</p>
8	<p>EMD- NIL</p>
9	<p>The documents required for legal entities under whose name and style contractor has participated in the tender are as follows:</p> <p>(i) Partnership Firm: Partnership Deed & registration certificate issued by office of registrar of Firms.</p> <p>(ii) Company: Certified copy Memorandum of Association, Article of Association and Incorporation Certificate.</p> <p>(iii) Society: Registration certificate issued by Registrar of societies.</p> <p>(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 (_____)</p>
10	<p>Bidders are required to submit a self-declaration to avoid cartel formation on their letter head as per the Format enclosed in Annexure A.</p>



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GENERAL TERMS AND CONDITIONS OF ENQUIRY (JHS 2055C R02)

UPLOADED IN SPERATE FILE -PAGE NO 01 TO 14

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



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SPECIAL TERMS AND CONDITIONS OF CONTRACT

1. **Taxes & Duties**- As per GTC for Work Contracts (JHS2055C R02) issued by “Central Contracting Cell”
2. **Payment Terms**- As per GTC for Work Contracts (JHS2055C R02) issued by “Central Contracting Cell”
3. **Bonus Clause**- As per GTC for Work Contracts (JHS2055C R02) issued by “Central Contracting Cell”
4. **PVC**- Not Applicable
5. **ORC**- Not Applicable
6. **LD/ Penalty**- The LD/Penalty shall be as per GTC for Work Contracts (JHS2055C R02) issued by “Central Contracting Cell”.
7. The total price of the package is to be quoted by the bidders. The total quoted amount by the L1 bidder for the package shall be used for deriving Individual item rate by BHEL based on % (percentage) weightage specified at Price Schedule.
8. The maintenance period for the above work shall be **01 year** from the date of actual completion of work.
9. The quantity of items in the BOQ are only tentative and approximate and are liable for variation up to any extent provided the total value of the Contract does not vary by more than 30% (Thirty percent).
10. The Completion period shall be 04 months from the date of issue of work order.



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TECHNICAL TERMS AND CONDITIONS OF CONTRACT

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.
7. 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.
8. 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.
9. The contractor shall be fully and finally responsible for correctness and quality of his work to the entire satisfaction of the BHEL/Customer.
10. 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.



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11. Material reconciliation statement has to be submitted by the contractor as & when required by BHEL.
12. 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.
13. In case of any difference between agreement, wording and detailed drawings the interpretation of the BHEL shall be final and binding on the contractor.
14. The final acceptance of work in all items are subject to proper performance regardless of whether the items are paid for or not.
15. 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.
16. The contractor will be fully responsible for the preparation of bill and submission to Engineer-in-charge.
17. Water will be supplied at one point by BHEL. Water charges @ 1 % of gross bill amount shall be recovered.
18. 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).
19. 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 on 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.
20. The empty cement bags (if any) 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.



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21. For all-natural minerals 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.
22. 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.
23. Taxes & Duties - The contractor shall submit their offer inclusive of all duties, royalty, entry tax etc. 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.
24. 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 requirement. BHEL shall not be liable to pay any additional amount on account of any safety equipment / PPE. The contractor will follow all safety rules required in connection with execution of such type of works. 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.
25. 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 and shall make good all such damage at his own risk and cost. The decision of Engineer in charge is such case shall be final and binding on contractor.
26. The workers should be trained enough for the work. No minor worker will be allowed to work.
27. The contractor shall be wholly responsible for the behavior of his workmen with the official staff.



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28. All tools & tackles, ladder & machinery required for the work execution shall be arranged by contractor on his cost. The rate quoted by the contractor shall include all such incidental charges.

29. The contractor will be fully responsible to follow the instruction related to works on daily/ requirement basis.

30. RECOVERY FOR LAND & BUILDING RENT (PER MONTH) 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.

31. ACCOUNTING

a. Proper method of accounting (if any) 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 (if any) 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.

32. 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.



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FREE ISSUE MATERIAL TO THE CONTRACTOR

S No.	Particulars	Rs.	Quantity
1	PPC Cement	Free of Cost	As per requirement

Note: If Tools and Plants (if available) are issued to the contractor on chargeable basis than the amount shall be deducted as per rates decided by BHEL prior to issue.



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TD: 2024-25, Rev- 00

BLANK PRICE BID (JS 472)

Sl. no.	Description of work	Unit	Qty.	% Allocation	Rate (Rs.)	Amount (Rs.)
1	Earth work in excavation by mechanical means (Hydraulic excavator) / manual means in foundation trenches or drains, All kinds of soil (not exceeding 1.5 m in width or 10 sqm on plan) including dressing of sides and ramming of bottoms, lift upto 1.5 m, including getting out the excavated soil and disposal of surplus excavated soil as directed, within a lead of 50 m.	cum	3.00	0.0783928400%	XX.XX	XX.XX
2	Filling available excavated earth in (excluding rock)	cum	1.00	0.0197450100%	XX.XX	XX.XX
3	P and L in position Cement concrete -1:2:4 (1 Cement: 4 coarse sand: 8 graded stone aggregate 20mm nominal size) excluding the cost of entering and shuttering all work up to plinth level.	cum	3.00	1.5242418100%	XX.XX	XX.XX
4	P and L in position Cement concrete -1:4:8 (1 Cement: 4 coarse sand: 8 graded stone aggregate 40mm nominal size) excluding the cost of entering and shuttering all work upto plinth level.	cum	1.00	0.5089406700%	XX.XX	XX.XX
5	Steel work welded in buildup sections / Framed work including cutting , hoisting , fixing in position and applying a priming coat of approved steel primer using structural steel etc. as required in gratings , frames , guard bar, ladder, railing brackets	kg	560.00	6.9516842600%	XX.XX	XX.XX
6	All items of DSR 2016 but not covered above.	basic value	15000.00	2.3755405000%	XX.XX	XX.XX



**BHARAT HEAVY ELECTRICALS LIMITED
TRANSFORMER PLANT, JHANSI
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7	Supply and installation of coated galvalume steel sheet (Maximum height up to 30.0 m) having maximum of pitch of 205 mm c/c and minimum 28 mm crest depth in length for roofing / side cladding as per the site requiremen. The supplied material is to be manufactured out of 0.50 mm TCT (Total coated thickness and 550 MPA tensile strength, with zinc aluminium alloy of AZ-150 (As per AS-1397:1993). The sheet shall have a hot dip metallic zinc aluminium alloy coating of zinc (43%), silicon(1.5%) and aluminium (55%) with total mass coating of 150 gms/sqm considering both sides together, self drilling/ self tapping screws with EPDM seal fixed to the existing MS purlins / MS runners complete as per drawing and as directed by engineer-in-charge.	sqm	435.00	50.8667543300%	XX.XX	XX.XX
8	Supply & Fixing of flashings, ridges, cappings, corner pieces etc. made of 0.5mm TCT galvalume sheet in required shape and size having a yield strength of 550 Mpa (with 150 gsm/ sqm minimum coating mass total of both side as per AZ 150), smp colour coating provided on exposed face with 20 microns thick finish and inner face provided with back-coat pre-coating of 5-7 microns & fixed with stitching screw complete.	Metre	144.00	9.4301209900%	XX.XX	XX.XX



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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/Galvolume 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 sheets gets broken, it shall be provided free of cost from BHEL and the fixing and 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.	Sqm	53.00	21.0174203600%	XX.XX	XX.XX
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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/Galvolume 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 sheets gets broken, it shall be provided free of cost from BHEL and the fixing and 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.	Sqm	28.00	7.2271592500%	XX.XX	XX.XX
	Total		100.0000000000%			

GST EXTRA AS APPLICABLE

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



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Explanatory Note for calculating Quoted Rates of individual items

The total price of the package is to be quoted by the bidders. The total quoted amount by the L1 bidder for the package shall be used for deriving Individual item rate by BHEL based on % (percentage) weightage specified at Price Schedule.



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Annexure A

DECLARATION BY BIDDER (on letter pad)

TENDER ENQUIRY NO. :-----

DATE:-

We declare that the following family firms or sister concern affiliates / subsidiary firms are participating in the tender No- -----

1.0.....
2.0.....
3.0.....

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 -----

Name & signature of the bidder

(Seal)

We hereby accepted above (signature & seal of bidder)

Seal & Signature of BHEL contracting authority



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Annexures (I-XII)

UPLOADED IN SPERATE FILE

(To be signed by contractor and submitted along with



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SOP For Implementation of Risk and Cost

UPLOADED IN SEPARATE FILE

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



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

UPLOADED IN SPERATE FILE

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.”*