



TENDER DOCUMENT

For Works Contract

For Tender Enquiry No : FCX/TW/23/10

For

“Miscellaneous civil works for tiling and rainwater harvesting 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)**

Factory Civil Department

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TENDER ENQUIRY NO. : **FCX/TW/23/10****DATE:- 10 /10/2023****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	

We hereby accepted above (Signature & seal of bidder)

Seal & Signature OF BHEL contracting authority

BHARAT HEAVY ELECTRICALS LIMITED, JHANSI

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16.	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	
17.	Copy of PF registration	PF No-	

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

Date :-

Signature With Name & Seal

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BHARAT HEAVY ELECTRICALS LIMITED, JHANSI**Factory Civil Department****TENDER DOCUMENT****TENDER ENQUIRY NO. : FCX/TW/23/10****DATE:- 10 /10/2023****TABLE OF CONTENTS****PART I: TECHNO-COMMERCIAL BID**

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Part II:**PRICE BID****(Separate envelope)**

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NOTICE INVITING TENDER



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

S. No.	Particulars	Details
1.	Name of work	Miscellaneous civil works for tiling and rainwater harvesting inside factory area.
2.	Tender Evaluation Criteria	As per GTC issued by "Central Contracting Cell" and Tender Documents.
3.	Duration of the Contract	06 Months
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)	21185.00
8.	Cost of tender (Non refundable)	Rs. Nil
9.	Validity of Offer	120 days
10.	Defect liability period	One year from the date of work order completion
11.	Reverse Auction	BHEL shall be resorting to reverse auction (RA) (Guidelines as available on 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 the reverse auction, their sealed envelope price bid along with applicable loading, if any, shall be considered for ranking .
12.	MSME Benefit	As per attached PQR
13.	Start-up scheme Benefit	Not Applicable

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 sent in a sealed envelope boldly super-scribing "**PART-I TECHNO COMMERCIAL BID FOR " Miscellaneous civil works for tiling and rainwater harvesting inside factory area.**" Similarly, the Price-bid must be duly signed and sent in a sealed envelope boldly super-scribing "**PART-II PRICE "Miscellaneous civil works for tiling and rainwater harvesting inside factory area."**" Both these envelopes shall be placed inside 3rd sealed envelope super-

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scribing” duly signed and sent in a sealed envelope boldly super-scribing “ **Miscellaneous civil works for tiling and rainwater harvesting 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)

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Brief Description of Work / Scope of work

Name of work: “Miscellaneous civil works for tiling and rainwater harvesting inside factory area.”

Scope of work shall consist of:

- Providing and fixing of vitrified tiles as per item description and after approval from Engineer-in-Charge using cement based high polymer modified quick-set tile adhesive (Water based) conforming to IS: 15477 over the instructed area.
- Contractor may have to carry out repair work of old area under this contract. In such cases, contractor may be required to replace a single broken tile, for which it must have no objection.
- Rubbish generated must be removed from work area.
- Shifting and re-arranging of office tables/ chairs/ almirahs etc. for the above work shall be covered under the contractor' scope.
- The above work also include re-fixing of doors/ windows/ partitions etc. after cutting to size and dismantling PVC sheets in lining of walls and floors.
- Minor brick repair work is to be carried out.
- Providing and fixing horizontal chajja of Red sand stone as per the requirement.
- Construction of rain water harvesting system inside factory area.
- RR Masonary work in construction of rain water harvesting system.
- Digging of borewell of 4' to 6' in rain water harvesting system and providing PVC casing pipe as per requirement.

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 4.24 Lakhs** or

Two similar works each valuing not less than the amount equal to **Rs 5.30 Lakhs** or

One similar works each valuing not less than the amount equal to **Rs 8.47 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 1.06 Lakhs** or

Two similar works each valuing not less than the amount equal to **Rs 1.32 Lakhs** or

One similar works each valuing not less than the amount equal to **Rs 2.11 Lakhs**.

Executed Similar Work means bidder has experience of "Any type of "Civil Renovation/Modification/Construction work" 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 covering activities as mentioned in definition of similar work 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. 3.18 Lakhs** (FOR NON MSE BIDDERS) and **Rs. 0.80 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.

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8. Documentary proof in support of above eligibility criteria along with EMD shall be submitted along with Techno Commercial Bid. (EMD Rs – 21,185.00/-). 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.

(iv) Sole Proprietor-ship: Undertaking on oath (Rs. 100 stamp paper) that Proprietor is solely responsible for all rights and liabilities while working under the name and style of Sole Proprietorship firm namely (_____)

GENERAL TERMS AND CONDITIONS OF ENQUIRY 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. Variation in quantity of individual items in the BOQ can vary to any extent as per requirement of work.
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).

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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.
- 17 The contractor shall have to make his own storage sheds for materials to be issued by BHEL. If deemed necessary by engineer in charge, the contractor shall make separate store for cement with double lock system. The empty cement bags shall be stocked at one place and at least 90% of them shall be returned to BHEL at BHEL stores in good condition without any additional payment. Therefore, if the total quantity of 90% empty cement bags is not returned by the contractor, the same will be recovered at the rate of Rs 3/- per bag from the bills.
- 18 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.
19. 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.

20. ACCOUNTING

- 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 return by contract for reconciliation of steel. Wastage scrap beyond 2% will deducted @ Rs.75 per kg.

21. 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.

22. FREE ISSUE MATERIAL TO THE CONTRACTOR.

SCHEDULE "A"

S No.	Particulars	Rs.	Quantity
1	Cement	Free of Cost	As per requirements
2	Reinforcement steel	Free of Cost	As per requirements

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

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

Part A-DSR 2016 ITEMS							
Sl.no.	DSR 2016 Ref	Description of work	% Allocation (Item-wise)	Unit	Total Qty	Rate per Unit (in Rs.)	Amount (in Rs.)
1	2.8.1	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.	1.906550%	Cum	148.00	#VALUE!	#VALUE!
2	2.9.1	Excavation work by mechanical means (Hydraulic excavator) /manual means in foundation trenches or drains, Ordinary rock (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 soils as directed, within a lead of 50m.	0.320330%	Cum	15.00	#VALUE!	#VALUE!
3	2.25	Filling available excavated earth in (excluding rock)	0.048676%	Cum	5.00	#VALUE!	#VALUE!
4	2.28.1	Surface dressing of the ground including removing vegetation and in -equalities not exceeding 15 cm deep and disposal of rubbish lead unto 50 m and lift upto 1.5 m for all kinds of soil.	0.004320%	100sqm	4.00	#VALUE!	#VALUE!
5	4.1.3	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.	1.001948%	cum	4.00	#VALUE!	#VALUE!
6	4.1.6	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level :1:3:6 (1 Cement : 3 coarse sand (zone-III): 6 graded stone aggregate 40 mm nominal size).	2.258195%	cum	9.00	#VALUE!	#VALUE!

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7	5.1.3/97	Providing and laying in position specified grade of reinforced cement concrete, excluding the cost of centering, shuttering, finishing and reinforcement - All work up to plinth level : 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size).	1.091956%	cum	4.00	#VALUE!	#VALUE!
8	5.2.2	Reinforced cement concrete work in walls (any thickness), including attached pilasters, buttresses, plinth and string courses, fillets, columns, pillars, piers, abutments, posts and struts etc. up to floor five level excluding cost of centering, shuttering, finishing and reinforcement : 1:1.5:3 (1 cement : 1.5 coarse sand : 3graded stone aggregate 20 mm nominal size)	0.330060%	cum	1.00	#VALUE!	#VALUE!
9	5.9.1	Centering and shuttering including strutting, propping etc. And removal of form for: Foundations, footings, bases of columns, etc. For mass concrete.	0.071386%	sqm	5.00	#VALUE!	#VALUE!
10	6.1.2	Brick work with FPS bricks of (II nd class kanpur brick) upto plinth 1:6 (1 cement: 6 fine sand)	1.819548%	cum	6.00	#VALUE!	#VALUE!
11	6.4.2	Brick work with FPS bricks of (II nd class kanpur brick) in Super structure 1:6 (1 cement : 6 fine sand) upto floor five level	2.573240%	Cum	7.00	#VALUE!	#VALUE!
12	6.13.2	Providing Half Brick masonry in super structure upto floor five level . 1:4 (1 cement : 4 coarse sand)	0.175057%	Cum	4.00	#VALUE!	#VALUE!
13	7.1.1	R.R.Masonry with hard stone in foundation and plinth -1:6(1 cement: 6 coarse sand) including leveling up with cement concrete 1:6:12 (1 cement :6 coarse sand ; 12 graded stone aggregate of 20mm nominal size) .	6.712134%	Cum	26.00	#VALUE!	#VALUE!
14	7.2.1	Random rubble masonry with hard stone in superstructure above plinth level and upto floor five level, including leveling up with cement concrete 1:6:12 (1 cement : 6 coarse sand : 12 graded stone aggregate 20 mm nominal size) at window sills, ceiling level and the like. Cement mortar 1:6 (1 cement : 6 coarse sand)	25.143935%	Cum	78.00	#VALUE!	#VALUE!

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15	11.3.1	Cement concrete flooring 1:2;4 (1 cement : 2 coarse sand : 4 graded stone aggregate) finished with a floating coat of neat cement including cement slurry but excluding the cost of nosing of steps etc complete . 40 mm thick 20 mm nominal size stone aggre	1.411122%	Sqm	74.00	#VALUE!	#VALUE!
16	11.36	Providing and fixing 1st quality ceramic glazed wall tiles conforming to IS: 15622 (thickness to be specified by the manufacturer), of approved make, in all colours, shades except burgundy, bottle green, black of any size as approved by Engineer-in-Charge, in skirting, risers of steps and dados, over 12 mm thick bed of cement mortar 1:3 (1 cement : 3 coarse sand) and jointing with grey cement slurry @ 3.3kg per sqm, including pointing in white cement mixed with pigment of matching shade complete	12.792523%	Sqm	260.00	#VALUE!	#VALUE!
17	11.38	Providing and laying Ceramic glazed floor tiles of size 300x300 mm (thickness to be specified by the manufacturer), of 1st quality conforming to IS : 15622, of approved make, in all colours, shades, except White, Ivory, Grey, Fume Red Brown, laid on 20 mm thick bed of cement mortar 1:4 (1 Cement : 4 Coarse sand), jointing with grey cement slurry @ 3.3kg/sqm including pointing the joints with white cement and matching pigments etc., complete	4.764904%	Sqm	100.00	#VALUE!	#VALUE!
18	11.49.2	Providing and laying Vitrified tiles in floor with different sizes (thickness to be specified by the manufacturer), with water absorption less than 0.08% and conforming to IS:15622 , of approved brand & manufacturer, in all colours and shade, laid with cement based high polymer modified quick set tile adhesive (water based) conforming to IS : 15477, in average 6	8.162472%	Sqm	101.00	#VALUE!	#VALUE!

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		mm thickness, including grouting of joints (Payment for grouting of joints to be made separately). Size of Tile 600x600 mm					
19	13.1.2	Plaster -12 mm thick in 1:6 (1 cement : 6 fine sand)	1.237811%	Sqm	118.00	#VALUE!	#VALUE!
20	13.2.2	Plaster -15 mm thick in 1:6 (1 cement : 6 fine sand)	0.565834%	Sqm	47.00	#VALUE!	#VALUE!
21	15.2.1	Demolishing cement concrete manually/ by mechanical means including disposal of material within 50 metres lead as per direction of Engineer - in - charge.Nominal concrete 1: 3:6 or leaner mix (i/c equivalent design mix)	0.154376%	Cum	2.00	#VALUE!	#VALUE!
22	15.44.1	Dismantling G.I. pipes (external work) including excavation and refilling trenches after taking out the pipes, manually/ by mechanical means including stacking of pipes within 50 metres lead as per direction of Engineer-in-charge : 15 mm to 40 mm nominal bore	0.261160%	Mtr	53.00	#VALUE!	#VALUE!
23	15.56	Dismantling old plaster or skirting raking out joints and cleaning the surface for plaster including disposal of rubbish to the dumping ground within 50 metres lead	0.433532%	sqm	250.00	#VALUE!	#VALUE!
24	17.1.1	Providing and fixing water closet squatting pan (Indian type W.C. pan) with 100 mm sand cast Iron P or S trap, 10 litre low level white P.V.C. flushing cistern, including flush pipe, with manually controlled device (handle lever) conforming to IS : 7231, with all fittings and fixtures complete, including cutting and making good the walls and floors wherever required: White Vitreous china Orissa pattern W.C. pan of size 580x440 mm with integral type foot rests	1.467374%	Nos	6.00	#VALUE!	#VALUE!

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

25	17.4.2	Providing and fixing white vitreous china flat back or wall corner type lipped front urinal basin of 430x260x350 mm and 340x410x265 mm sizes respectively with automatic flushing cistern with standard flush pipe and C.P. brass spreaders with brass unions and G.I clamps complete, including painting of fittings and brackets, cutting and making good the walls and floors wherever required : Range of two urinal basin with 5 litre white P.V.C. automatic flushing cistern.	1.150342%	each	3.00	#VALUE!	#VALUE!
26	17.7.2	Providing and fixing wash basin with C.I. brackets, 15 mm C.P. brass pillar taps, 32 mm C.P. brass waste of standard pattern, including painting of fittings and brackets, cutting and making good the walls wherever require: White Vitreous China Wash basin size 630x450 mm with a single 15 mm C.P. brass pillar tap	0.841462%	Nos	6.00	#VALUE!	#VALUE!
27	17.8	Providing and fixing white vitreous china pedestal for wash basin completely recessed at the back for the reception of pipes and fittings.	0.390132%	Nos	6.00	#VALUE!	#VALUE!
28	17.31	Providing and fixing 600x450 mm beveled edge mirror of superior glass (of approved quality) complete with 6 mm thick hard board ground fixed to wooden cleats with C.P. brass screws and washers complete.	0.701904%	each	12.00	#VALUE!	#VALUE!
29	18.10.1	Providing and fixing G.I. pipes complete with G.I. fittings and clamps, i/c cutting and making good the walls etc.15 mm dia nominal bore	1.320724%	Mtr	100.00	#VALUE!	#VALUE!
30	23.5	Supplying, filling, spreading & leveling stone boulders of size range 5 cm to 20 cm, in recharge pit, in the required thickness, for all leads & lifts, all complete as per direction of Engineer-in-charge.	1.777729%	cum	26.00	#VALUE!	#VALUE!
31	23.6	Supplying, filling, spreading & leveling gravels of size range 5 mm to 10 mm, in the recharge pit, over the existing layer of boulders, in required thickness, for all leads & lifts, all complete as per direction of Engineer-in-charge.	2.132587%	cum	28.00	#VALUE!	#VALUE!

We hereby accepted above (Signature & seal of bidder)

Seal & Signature OF BHEL contracting authority

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

32	23.7	Supplying, filling, spreading & leveling coarse sand of size range 1.5 mm to 2 mm in recharge pit, in required thickness over gravel layer, for all leads & lifts, all complete as per direction of Engineer - incharge.	2.154264%	cum	28.00	#VALUE!	#VALUE!
33	DSR 2016	All items of DSR 2016 but not covered above.	1.935411%	basic value	25000.00	#VALUE!	#VALUE!
Total A			87.112997%				
Part B NON-DSR 2016 ITEMS							
Sl.no.	NS item	Description of work		Unit	Total Qty		
33	NS-1	4" to 6" making boring of all type earth up to 100- 110 feet deep by compressor mechanical machine as per direction of Engineer in charge.	5.947848%	ft	350.00	#VALUE!	#VALUE!
34	NS-2	Providing PVC Casing pipe 5" dia confirming to IS 12818 (2000) as per direction of Engineering in Charge.	6.939155%	ft	150.00	#VALUE!	#VALUE!
Total B			12.887003%				
Total C (A+B)			100.000000%				XXXXXX
IN WORDS					0		

GST Extra**Don't Fill rates in this sheet.**

We hereby accepted above (Signature & seal of bidder)

Seal & 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/23/10**

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/23/10**

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