

TENDER

TENDER NOTIFICATION NO. - FCX/22231060

FOR

**Name of Work: Renovation of shipping area of block-3, TRM
inside factory area.**

PRICE BID



FACTORY CIVIL CONSTRUCTION & MAINTENANCE DIVISION

BHARAT HEAVY ELECTRICALS LIMITED

(A Government of India Undertaking)

BHOPAL – 462 022 (M.P)

PREAMBLE OF PRICE BID

1.0 This Price Bid consists of Three Schedule:

1.1 Schedule A

Schedule A consists of Two Annexure:

The evaluation currency for this tender shall be INR. Total price of the package consisting of **Annexure I & Annexure II** to be quoted by the bidders which shall form the basis for comparison for deciding lowest bid. For further processing and award, total quoted amount by the L1 (lowest) bidder for the package shall be used for deriving individual item rate by BHEL based on % (percentage) weightage specified at Annexure I & Annexure II of Price Schedule.

1.2 Schedule B

It consists of details of free issue materials by BHEL.

1.3 Schedule C

It consists of details of tools & tackles provided by BHEL either on higher basis or on free of cost basis which are mentioned in price bid.

2.0 The work to be carried out under the contract shall, except as otherwise provided in tender conditions, include all labour, materials, tools, plant, equipment, and transport which may be required in preparation of and for full & entire execution and completion of the Works. The descriptions given in the Schedule of Quantities shall, unless otherwise stated, be held to include waste on materials, carriage and cartage, carrying in return of empties, hoisting, setting, fitting and fixing in position and all other labours necessary in and for the full and entire execution and completion as aforesaid in accordance with good practice and recognized principles as laid down in Technical Specification & elsewhere in Tender Specification.

3.0 The price bid should not contain any condition. Conditional price Bids shall be summarily rejected.

4.0 The bidder should not leave any column blank in Price Schedules.

5.0 Price Quoted shall include all taxes, & duties except **GST**.

6.0 Unless otherwise specified in the items involving cement, reinforcement steel or structural steel, these items shall be issued free of cost by BHEL.

FACTORY CIVIL CONSTRUCTION & MAINTENANCE DIVISION**Price Schedule****Name of Work: Renovation of shipping area of block-3, TRM inside factory area.****SUMMARY**

	Details ANNEXURE	Total Amount (Rs.)
	Total price of the package consisting of Annexure-I & Annexure II .	

Amount in words: Rs.

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NOTE:

- 1** The evaluation currency for this tender shall be INR. Total price of the package consisting of **Annexure-I & Annexure II** to be quoted by the bidders which shall form the basis of comparison for deciding lowest bid.
For further processing & award total quoted Amount for the package by the L1 (lowest) bidder shall be used for deriving Individual item rate by BHEL based on % (percentage) weightage specified at **Annexure-I & Annexure II** of Price Schedule.
- 2** In case of “discrepancy in words and figures”, the same shall be adjusted in accordance with following rule:
 - (a)** If, in the price structure quoted for the required goods/ services/ works, there is discrepancy between the unit price and the total price (which is obtained by multiplying the unit price by the quantity), the unit price shall prevail and the total price corrected accordingly, unless in the opinion of the purchaser there is an obvious misplacement of the decimal point in the unit price, in which case the total price as quoted shall govern and the unit price corrected accordingly.
 - (b)** If there is an error in a total corresponding to the addition or subtraction of subtotals, the subtotals shall prevail and the total shall be corrected.
 - (c)** If there is a discrepancy between words and figures, the amount in words shall prevail, unless the amount expressed in words is related to an arithmetic error, in which case the amount in figures shall prevail subject of (a) and (b) above.
 - (d)** If there is such discrepancy in an offer, the same shall be conveyed to the bidder with target date upto which the bidder has to send his acceptance on the above lines and if the bidder does not agree to the decision of the purchaser, the bid is liable to be ignored.

FACTORY CIVIL CONSTRUCTION & MAINTENANCE DIVISION**Price Schedule A : Anneuxre - I**

Name of Work: Renovation of shipping area of block-3, TRM inside factory area.

Sr. No.	Based on DSR' 2012	Item Description	Qty.	Unit	% Weightage of item amount against total amount
1		Carriage of material by Mechanical transport including, loading, unloading & stacking of..			
	1.1.1	Lime, moorum, building rubbish 1 km lead	34.00	cum	0.5871
	1.1.2	Earth - 1 Km lead	1.00	cum	0.0216
2		Earth work in excavation by mechanical means (Hydraulic excavator) / manual means over areas (exceeding 30 cm in depth, 1.5 m in width as well as 10 sqm on plan) including disposal of excavated earth, lead up to 50 m and lift up to 1.5 m; disposed earth to be levelled and neatly dressed.			
	2.6.1	All kind of soil	1.00	cum	0.0337
3		Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level:(cement which shall be supplied free of cost by BHEL)			
	4.1.3	a) 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size).	4.00	cum	2.6868
	4.1.8	b) 1:4:8 (1 cement : 4 coarse sand : 8 graded stone aggregate 40 mm nominal size).	3.00	cum	1.9779
4		Centering and shuttering including strutting, propping etc. and removal of form for :			
	5.9.1	Foundations, footings, bases of columns, etc. for mass concrete.	15.00	sqm	0.6081
5	Ana. 10.1	Structural steel work in single section fixed without connecting plate including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer all complete.(Structural steel & primer will be issued free of cost from BHEL stores).	200.00	Kg	0.4145
6	Ana. 10.2	Structural steel work riveted ,bolted or welded in built up sections, trusses and framed work, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer all complete.(Structural steel & primer will be issued free of cost from BHEL stores).	1450.00	Kg	4.8389
7	**	12 mm cement plaster of mix:(excluding cost of cement which shall be supplied free of cost by BHEL)			
	13.4.2	1 : 6 (1 cement : 6 coarse sand) .	15.00	sqm	0.3879

FACTORY CIVIL CONSTRUCTION & MAINTENANCE DIVISION**Price Schedule A : Anneuxre - I**

Name of Work: Renovation of shipping area of block-3, TRM inside factory area.

Sr. No.	Based on DSR' 2012	Item Description	Qty.	Unit	% Weightage of item amount against total amount
8	**	15 mm cement plaster on rough side of single or half brick wall of mix:(excluding cost of cement which shall be supplied free of cost by BHEL)			
	13.5.2	1 : 6 (1 cement : 6 coarse sand).	15.00	sqm	0.4471
9		Demolishing cement concrete manually / by mechanical means including disposal of material within 50 metres lead as per direction of Engineer-in-charge:			
a)	15.2.1	Nominal concrete 1:3:6 or richer mix (i/c equivalent design mix)	2.00	cum	0.3499
b)	15.2.2	Nominal concrete 1:4:8 or leaner mix (i/c equivalent design mix)	1.00	cum	0.1078
10	15.3	Demolishing RCC work manually / by mechanical means including stacking of steel bars and disposal of unserviceable material within 50 metres lead as per direction of Engineer-in-charge.	6.00	cum	1.5314
11		Demolishing brick work manually / by mechanical means including stacking of serviceable material and disposal of unserviceable material within 50 metres lead as per direction of Engineer-in-charge :			
	15.7.4	In cement mortar.	25.00	cum	3.693
12	15.19	Dismantling steel work manually / by mechanical means in built up sections without dismembering and stacking within 50 meters lead. as per direction of Engineer-in-charge.	200.00	Kg	0.0548
13	15.25	Dismantling stone slab flooring laid in cement mortar including stacking of serviceable material and disposal of unserviceable material within 50 metres lead.	100.00	sqm	1.9215
14	15.28	Dismantling roofing including ridges, hips valleys and gutters, etc., and stacking the material within 50 metres lead of:			
a)	15.28.1	G.S. sheet/ Aluminum sheet	20.00	sqm	0.2383
b)	15.28.2	Asbestos sheet	10.00	Sqm	0.0563
Total : Annexure I					19.96

FACTORY CIVIL CONSTRUCTION & MAINTENANCE DIVISION**Price Schedule A : Anneuxre - II**

Name of Work: Renovation of shipping area of block-3, TRM inside factory area.

Sr. No.	Item Description	Qty.	Unit	% Weightage of item amount against total amount
1	Supply & fixing of flashings, ridges, cappings, corner pieces etc. made of 0.5mm TCT plain galvalume steel sheet in required shape & size & fixed with stitching screw complete at a maximum height up to 35.00 m as per the instruction of Engineer-in-charge.	30.00	metre	3.2412
2	Supply and installation of coated galvalume steel sheet having maximum of pitch of 205 mm c/c and minimum 28 mm crest depth in length for roofing / side cladding as per site requirement. 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 IS-15961:2012). 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.	360.00	Sqm	74.4111
3	40 mm thick fine dressed stone flooring over 20 mm (average) thick moorum base with joints finished flush in cement mortar 1:5 (1 cement : 5 coarse sand).(excluding cost of cement and sand stone which shall be supplied free of cost by BHEL)			
	Red sand stone.	100.00	sqm	2.391
Total : Annexure II			Total = Rs.	80.04
Total : Annexure I + Annexure II				100.00

FACTORY CIVIL CONSTRUCTION & MAINTENANCE DIVISION

Price Schedule : B

Name of Work: Renovation of shipping area of block-3, TRM inside factory area.

The following material free issue from BHEL stores.

- 1 Structural Steel
- 2 Cement
- 3 Red sand stone

Price Schedule : C

Name of Work: Renovation of shipping area of block-3, TRM inside factory area.

- 1 Electricity charges at Rs.66.00/- per M.T. of fabrication of structural steel

Hire charges.

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|-------------------------------------|---|---------------------------|
| i) Drill machine @ 252.00/- per day | } | (Subject to availability) |
| ii) Jack Hammer @108.00/- per day | | |

Drill machine/jack hammer rod Rs. 100.00 per rod