

TENDER

TENDER NOTIFICATION NO. - FCX/21221004

FOR

**Repair of side vertical sheeting and rain water gutter
in bay-8 of block- 4 and other area 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 combining **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: Repair of side vertical sheeting and rain water gutter in bay-8 of block- 4 and other area inside factory area.

	Details ANNEXURE	Total Amount (in Rs.) (To be quoted by bidder here)
	Total price of the package combining 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 combining 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.
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 : Repair of side vertical sheeting and rain water gutter in bay-8 of block- 4 and other area inside factory area.

Sr. No.	Based on DSR'12	Item Description	Qty.	Unit	% Weightage of item amount against total amount
1		Carriage of materials by mechanical transport including loading,unloading and stacking up to 1 km lead:			
	1.1.11	Steel	2.00	Tonne	0.0306
2	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).	2500.00	Kg	8.3251
3	Ana.	Painting with synthetic enamel paint of approved brand and manufacture to give an even shade: (Paint free issue from BHEL store)			
	13.61.1	Two or more coats on new work.	50.00	sqm	0.4611
4	15.19	Dismantling steel work manually/ by mechanical means in built up sections without dismembering and stacking within 50 metres lead as per direction of Engineer-in-charge. (Note: Dismantling of gutter shall also be paid under this item)	500.00	Kg	0.1366
5	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	150.00	sqm	1.7834
b)	15.28.2	Asbestos sheet	525.00	Sqm	2.9502
		Total : Annexure I			13.6870

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

Name of work : Repair of side vertical sheeting and rain water gutter in bay-8 of block- 4 and other area 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 (total coated metal thickness) plain galvalume steel sheet in required shape & size & fixed with stitching screw complete.	60.00	mtr	4.2252
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 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.	500.00	Sqm	65.4977
3	Fixing Gutter of thickness 2.0 to 3.0 mm having approximate width 900 mm in the required shape and size as per drawing of valley gutter with necessary fastener, EPDM gasket, washer complete i/c making cut outs for rain water down take pipe. The gutter shall be laid by overlapping of each other on steel bracket and sealing the space as required and as per the direction of Enginee-in -Charge.(Note: Gutter and MS cut out shall be provided by BHEL free of cost.)	1530.75	Kg	13.2414

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

Name of work : Repair of side vertical sheeting and rain water gutter in bay-8 of block- 4 and other area inside factory area.

Sr. No.	Item Description	Qty.	Unit	% Weightage of item amount against total amount
4	Fixing corrugated / trapezoidal metal sheet roofing including vertical/ curved surface fixed with polymer coated J or L hooks, bolts and nuts 8 mm diameter with bitumen and G.I. Limpet washers or with G.I. Limpet washers filled with white lead and including a coat of approved steel primer and two coats of approved paint on overlapping of sheets complete (up to any pitch in horizontal/ vertical or curved surface) excluding the cost of purlins, rafters and trusses and including cutting to size and shape wherever required.(Excluding the cost of metal sheets, primer and painting which shall be issued free of cost from BHEL store.)			
	0.5 mm to 1.00 mm thick metal sheet	150.00	sqm	3.3487
	(old /dismantled sheet shall be reused)			
	Total : Annexure II			86.3130
	Total : Annexure I + Annexure II			100.0000

FACTORY CIVIL CONSTRUCTION & MAINTENANCE DIVISION
Price Schedule B

Name of work : Repair of side vertical sheeting and rain water gutter in bay-8 of block- 4 and other area inside factory area.

The following material free issue from BHEL stores.

- 1 Structural steel
- 2 GI Gutters
- 3 Red Oxide Primer
- 4 Synthetic Enamel Paint

Price Schedule C

Name of work : Repair of side vertical sheeting and rain water gutter in bay-8 of block- 4 and other area 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