

TENDER

TENDER NOTIFICATION NO. - **FCX/19201051**

FOR

**Renovation and repair work over roof of TGM annexe
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:

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 : Renovation and repair work over roof of TGM annexe and other area inside factory area.

SUMMARY

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

Amount in words: Rs.

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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.

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FACTORY CIVIL CONSTRUCTION & MAINTENANCE DIVISION

Price Schedule : Anneuxre - I

Name of work : Renovation and repair work over roof of TGM annexe and other area inside factory area.

Sr. No.	Based on DSR' 2012	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	1.00	Tonne	0.0134
	Ana.	Sheets	35.00	Tonne	0.7147
2	Ana.	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).			
	10.2	(Note:- The fabrication and erection of structural steel work upto a height of 8.0 metres shall be paid under this item.)	10220.00	kg	30.4140
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 old work.	395.00	sqm	3.1932
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)	200.00	Kg	0.0479
5	15.28	Dismantling roofing including ridges, hips valleys and gutters, etc., and stacking the material within 50 metres lead of:			
	15.28.2	Asbestos sheet	25.00	Sqm	0.1231

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Sr. No.	Based on DSR' 2012	Item Description	Qty.	Unit	% Weightage of item amount against total amount
6	**	Providing and laying in position cement concrete of specified grade excluding the cost of centering, shuttering- All work up to plinth level: (excluding cost of cement which shall be supplied free of cost by BHEL)			
	4.1.6	1:3:6 (1 cement : 3 coarse sand : 6 graded stone aggregate 40 mm nominal size).	1.00	cum	0.5777
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) .	25.00	sqm	0.5655
8	**	20 mm cement plaster of mix: (excluding cost of cement which shall be supplied free of cost by BHEL)			
	13.6.2	1 : 6 (1 cement : 6 coarse sand). .	5.00	sqm	0.1545
9		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.	1.00	cum	0.1292
10		Dismantling C.I. or asbestos rain water pipe with fittings and clamps including stacking the material within 50 metres lead :			
	15.42.2	150 mm dia pipe.	25.00	meter	0.1263
		Total :			36.0595

FACTORY CIVIL CONSTRUCTION & MAINTENANCE DIVISION

Price Schedule : Annexure - II

Name of work : Renovation and repair work over roof of TGM annexe and other area inside factory area.

Sr. No.	Item Description	Qty.	Unit	% Weightage of item amount against total amount
1	Providing and fixing on wall face unplasticised-PVC moulded fittings/accessories for unplasticised - Rigid PVC rain water pipes conforming to IS : 4985/2000 class 2 including jointing with solvent cement to form a permanent water tight joints.(Working pressure-4.0 kgf/sqcm)			
a	Bend 87.5 degree (Working pressure-4.0 kgf/sqcm)			
	200mm Bend/Elbow	6.00	each	1.0488
b	Shoe(plain)(Working pressure-4.0 kgf/sqcm)			
	200mm Shoe	6.00	each	0.4995
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. Colour of the sheet shall be as per this instructions of engr-in-charge.			
		565.00	Sqm	62.3922
	Total :			63.9405
	Total = Annexure-I & Annexure-II.			100.0000

FACTORY CIVIL CONSTRUCTION & MAINTENANCE DIVISION

Price Schedule B

Name of work : Renovation and repair work over roof of TGM annexe and other area inside factory area.

The following material free issue from BHEL stores.

- 1 Cement
- 2 Structural Steel
- 3 Synthetic enamel paint
- 4 Red oxide zinc chromate primer

Price Schedule C

Name of work : Renovation and repair work over roof of TGM annexe and other area inside factory area.

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

Hire charges.

- i) Drill machine @ 252.00/- per day
- ii) Jack Hammer @ 108.00/- per day

} (Subject to availability)

Drill machine/jack hammer rod Rs. 100.00 per rod