

# TENDER

TENDER NOTIFICATION NO. - **FCX/19201035**

FOR

**Replacement of rain water gutter in bay-7 & 8 in blk-3  
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 : Replacement of rain water gutter in bay-7 & 8 in blk-3 inside factory area.

**SUMMARY**

	Details ANNEXURE	Total Amount (Rs.)
	Total price of the package combining of <b>Annexure-I &amp; Annexure-II.</b>	

Amount in words: Rs.

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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.

## FACTORY CIVIL CONSTRUCTION &amp; MAINTENANCE DIVISION

## Price Schedule : Anneuxre - I

Name of work : Replacement of rain water gutter in bay-7 &amp; 8 in blk-3 inside factory area.

Sr. No.	Based on DSR' 2012	Item Description	Qty.	Unit	% Weightage of item amount against total amount
1	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.	3500.00	kg	0.7972
		( Note: Dismantling of gutter shall also be paid under this item)			
2		Dismantling C.I. or asbestos rain water pipe with fittings and clamps including stacking the material within 50 metres lead :			
	15.42.3	150 mm dia pipe.	50.00	metre.	0.2402
		( Note: Dismantling of PVC pipe shall also be paid under this item)			
3		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	500.00	sqm	4.9567
b)	15.28.2	Asbestos sheet	50.00	sqm	0.2343
4	Ana. 12.8	Fixing non-asbestos high impact Polypropylene reinforced cement 6 mm thick/ Asbestos cement corrugated sheets (as per IS : 14871 ) roofing up to any pitch and fixing with polymer coated J or L hooks, bolts and nuts 8 mm dia G.I. Plain and bitumen washers or with self drilling fastener and EPDM washers etc. complete excluding the cost of purlins, rafters and trusses corrugated sheets and including cutting to size and shape wherever required(Including the cost of fixtures but excluding the cost of sheets which shall be supplied free of cost from BHEL).	50.00	sqm	0.5678
5		Carriage of materials by mechanical transport including loading,unloading and stacking up to 1 km lead:			
	1.1.11	Steel	3.50	Tonne	0.0447
		Total :			6.8409

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

Name of work : Replacement of rain water gutter in bay-7 & 8 in blk-3 inside factory area.

Sr. No.	Item Description	Qty.	Unit	% Weightage of item amount against total amount
1	Fabrication and erection of structural steel works at all heights(Maximum height up to 10.0 m) consisting of, railing, clamps, purlins with channels & angles, M.S. flat, M.S. tubes, supports including all connections as per detailed drawings connected steel works etc. cleats, gusset plates all bolts, nuts, washers ,base plates, anchor bolts etc., as per detailed drawings cutting welding and painting 1 coats of red oxide primer before erection & 2 coats of synthetic enamel paint/Aluminium paint of approved brand & colour after erection complete. Advani make electrodes or other approved make electrodes are to be used. All bolts, nuts, washers, gas, electrodes are in contractor's scope. Fabrication to be done as per I.S. codes of latest revision. <b>Structural steel ,primer and paint shall be provided by BHEL free of cost.</b>			
a)	Only fabrication.	900.00	Kg	2.0577
b)	Only erection.	900.00	Kg	1.0015
2	Providing and fixing on wall face 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)			
	(i) Single socket (selfit) pipes:(Working pressure-4.0 kgf/sqcm)			
	160 mm dia.	50.00	metre	5.1658
3	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)			
	Coupler (Working pressure-4.0 kgf/sqcm)			
	160mm	15.00	each	0.5338

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

Name of work : Replacement of rain water gutter in bay-7 & 8 in blk-3 inside factory area.

Sr. No.	Item Description	Qty.	Unit	% Weightage of item amount against total amount
	Bend 87.5 degree (Working pressure-4.0 kgf/sqcm)			
	160mm Bend/Elbow	15.00	each	0.7161
4	Supply & fixing M.S Galvanised Gutters with 3.0 mm thick (minimum) M.S. Galvanised sheet including zinc coating of 120 gsm considering both side together and sheet width 900 mm in the required shape and size as per drawing of valley gutter with necessary fastener, welding and supports on steel bracket & sealing the space as required with external cladding as directed by Engineer-in -Charge .	2500.00	kg	41.4104
5	Removing & refixing existing profiled puff insulated sandwich panel sheets at any height from Fy. Block roof, wall cladding etc including unscrewing of self tapping screws from supporting steel frame work, including scaffolding if required, taking all safety measures, lead and lift etc as per the Instructions of Engineer-in-Charge.			
	Note:- Existing profiled puff insulated sandwich panel sheets at roof to be dismantaling for replacement of gutter and after replacement same to be fixed in position.	870.00	sqm	42.2738
	<b>Total :</b>			93.1591
	<b>Total : Annexure-I + Annexure-II.</b>			100.0000

**FACTORY CIVIL CONSTRUCTION & MAINTENANCE DIVISION**  
**Price Schedule B**

**Name of work : Replacement of rain water gutter in bay-7 & 8 in blk-3 inside factory area.**

The following material free issue from BHEL stores.

- 1 Structural steel
- 2 Red oxide zinc chromate primer
- 3 Synthetic enamel paint

**Price Schedule C**

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

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(Subject to availability)

Drill machine/jack hammer rod Rs. 100.00 per rod