

# TENDER

TENDER NOTIFICATION NO. - **FCX/19201052**

FOR

**Repair and modification of kitchen floor in  
canteen-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 : Repair and modification of kitchen floor in canteen-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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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.

## FACTORY CIVIL CONSTRUCTION &amp; MAINTENANCE DIVISION

## Price Schedule : Anneuxre - I

Name of work : Repair and modification of kitchen floor in canteen-3 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	a) Lime, moorum, building rubbish 1 km lead	16.00	cum	0.2811
2		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)	1.00	cum	0.1780
(b)	15.2.2	Nominal concrete 1:4:8 or leaner mix (i/c equivalent design mix)	35.00	cum	3.8404
3		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	0.1503
4		Dismantling tile work in floors and roofs laid in cement mortar including stacking material within 50metres lead:			
	15.23.1	a) For thickness of tiles 10 mm to 25 mm.	220.00	sqm	1.1847
5		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	1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size ).	35.00	cum	23.9200

## FACTORY CIVIL CONSTRUCTION &amp; MAINTENANCE DIVISION

## Price Schedule : Anneuxre - I

Name of work : Repair and modification of kitchen floor in canteen-3 inside factory area.

Sr. No.	Based on DSR' 2012	Item Description	Qty.	Unit	% Weightage of item amount against total amount
6		Kota stone slab flooring over 20 mm (average) thick base laid over and jointed with grey cement slurry mixed with pigment to match the shade of the slab including rubbing and polishing complete with base of cement mortar 1:4 (1 cement : 4 coarse sand):(excluding cost of cement which shall be supplied free of cost by BHEL)			
	11.26.1	25 mm thick.	220.00	sqm	48.7904
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) .	20.00	sqm	0.5263
8	11.37	Providing and laying Ceramic glazed floor tiles 300x300 mm (thickness to be specified by the manufacturer) of 1st quality conforming to IS : 15622 of approved make in colours, such as White, Ivory, Grey, Fume, Red Brown, laid on 20mm thick Cement Mortar 1:4 (1 cement : 4 Coarse sand) including pointing the joints with white cement and matching pigment etc. complete.(Excluding the cost cement which shall be supplied free of cost by BHEL):-	60.00	sqm	9.5639
9	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.(excluding cost of cement which shall be supplied free of cost by BHEL)	25.00	sqm	3.9060

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

Name of work : Repair and modification of kitchen floor in canteen-3 inside factory area.

Sr. No.	Based on DSR' 2012	Item Description	Qty.	Unit	% Weightage of item amount against total amount
10		Painting with synthetic enamel paint of approved brand and manufacture to give an even shade.(Paint free issue from BHEL store.)			
	Ana. 13.61.1	Two or more coats on new work.	100.00	sqm	0.9404
11	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).	500.00	Kg	1.7309
12	14.46	Removing dry or oil bound distemper, water proofing cement paint and the like by scrapping, sand papering and preparing the surface smooth including necessary repairs to scratches etc. complete.	200.00	sqm	0.3979
13	Analysis	Wall painting with premium acrylic emulsion paint of interior grade,having VOC(Volatile Organic Compound) content less than 50 grams/litre of approved brand and manufacture, including applying additional coats wherever required to achieve even shade and colour.			
	13.83.1	One coat	50.00	sqm	0.4980
	13.83.2	Two coats	200.00	sqm	3.0612
		<b>Total :</b>			<b>98.9695</b>

## FACTORY CIVIL CONSTRUCTION &amp; MAINTENANCE DIVISION

## Price Schedule : Anneuxre - II

Name of work : Repair and modification of kitchen floor in canteen-3 inside factory area.				
Sr. No.	Item Description	Qty.	Unit	% Weightage of item amount against total amount
1	Brick work with Ghol bricks of class designation 50 and above in foundation and plinth in cement mortar 1:6 (1 cement : 6 coarse sand) :(Cement free issue by the Deptt.)	1.00	cum	1.0306
	Total :			<b>1.0306</b>
	<b>Total = Annexure-I &amp; Annexure-II.</b>			<b>100.00</b>

**FACTORY CIVIL CONSTRUCTION & MAINTENANCE DIVISION**

**Price Schedule B**

Name of work : Repair and modification of kitchen floor in canteen-3 inside factory area.

The following material free issue from BHEL stores.

- 1 Cement
- 2 Structural Steel
- 3 Synthetic Enamel Paint
- 4 Red Oxide Primer

**Price Schedule C**

Name of work : Repair and modification of kitchen floor in canteen-3 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 | } (Subject to availability) |
| ii) Jack Hammer @ 108.00/- per day  |                             |

Drill machine/jack hammer rod Rs. 100.00 per rod