

TENDER

TENDER NOTIFICATION NO. - **FCX/19201063**

FOR

Repair and modification work for diversification of rain water outlet in block-3 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 : Repair and modification work for diversification of rain water outlet in block-3 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.

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

Name of work : Repair and modification work for diversification of rain water outlet in block-3 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 material up to 1 km lead by Mechanical transport including, loading,			
	1.1.1	a) Lime, Moorum, Building rubbish	10.00	cum	0.1360
	1.1.2	b) Earth	50.00	cum	0.8502
	1.1.11	c) Steel	5.00	tonne	0.0605
2	2.6	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 kinds of soil.	70.00	cum	1.8599
3	2.25	Filling available excavated earth (excluding rock) in trenches, plinth, sides of foundations, etc. in layers not exceeding 20 cm in depth, consolidating each deposited layer by ramming and watering, lead up to 50 m and lift up to 1.5m	15.00	cum	0.2582
4	**	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level:(Cement free issue by the Deptt.)			
	4.1.6	1:3:6 (1 cement : 3 coarse sand : 6 graded stone aggregate 40 mm nominal size).	20.00	cum	10.4076
5	**	Providing and laying in position specified grade of reinforced cement concrete, excluding the cost of centering, shuttering, finishing and reinforcement - All work up to plinth level.(Cement free issue by the Deptt.)			
	5.1.2	1 : 1.5 : 3 (1 cement : 1.5 coarse sand : 3 graded stone aggregate 20 mm nominal size).	60.00	cum	33.2293
6		Centering and shuttering including strutting, propping, etc. and removal of form for:			

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Sr. No.	Based on DSR' 2012	Item Description	Qty.	Unit	% Weightage of item amount against total amount
a)	5.9.1	Foundations, footings, bases of columns, etc. for mass concrete.	50.00	sqm	1.5971
b)	5.9.2	Walls (any thickness) including attached pilasters, butresses plinth and string courses etc.	200.00	sqm	11.2545
7	Ana. 5.22.6	Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete upto plinth level :(Reinforcement bars will be supplied free of cost from BHEL store).			
	5.22A.6	Thermo-Mechanically Treated bars.	3000.00	Kg	4.5602
8	6.32.2	Brick work with clay flyash F.P.S. (non modular) brick of class designation 7.5 in superstructure above plinth level up to floor five level in :			
		Cement mortar 1:6 (1 cement : 6 Coarse sand)	2.00	cum	1.3420
9	**	Coursed rubble masonry (second sort) with hard stone in foundation & plinth with :-(Cement free issue by the Deptt.)			
	7.7.1	Cement mortar 1:6 (1 cement : 6 coarse sand).	3.00	cum	1.6974
10	Ana. 10.2	Structural steel work welded /riveted/ bolted 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 store)	10000.00	Kg	26.2928
11	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.	200.00	sqm	1.4564
12	15.3	Demolishing R.C.C. 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.	1.00	cum	0.2011

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Price Schedule A : Anneuxre - I

Name of work : Repair and modification work for diversification of rain water outlet in block-3 and other area inside factory area.

Sr. No.	Based on DSR' 2012	Item Description	Qty.	Unit	% Weightage of item amount against total amount
13		Demolishing stone rubble masonry 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:			
	15.9.2	In cement mortar	1.00	Cum	0.1389
14		Dismantling steel work in single sections including dismembering and stacking within 50 metres lead in:			
	15.17.2	Channels, angles, tees, flats & rails	1000.00	kg	0.1335
15	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.	1000.00	kg	0.2157
		Total			95.6913

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

Name of work : Repair and modification work for diversification of rain water outlet in block-3 and other area inside factory area.

Sr. No.	Item Description	Qty.	Unit	% Weightage of item amount against total amount
1	Supplying and filling in plinth with stone dust under floors, including watering, ramming, consolidating and dressing complete.	30.00	cum	4.3087
	Total :			4.3087
	Total = Annexure-I + Annexure-II			100.0000

FACTORY CIVIL CONSTRUCTION & MAINTENANCE DIVISION

Price Schedule B

Name of work : Repair and modification work for diversification of rain water outlet in block-3 and other area inside factory area.

The following material free issue from BHEL stores.

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

Price Schedule C

Name of work : Repair and modification work for diversification of rain water outlet in block-3 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