

# TENDER

**TENDER NOTIFICATION NO. - FCX/20211045**

FOR

**Laying of GI Line around blocks, maintenance of borewells and other associated works 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: Laying of GI Line around blocks, maintenance of borewells and other associated works 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 & Annexure-III 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.
  - (b) 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.

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

Name of work : Laying of GI Line around blocks, maintenance of borewells and other associated works inside factory area.

Sr. No.	Based on DSR'12	Item Description	Qty.	Unit	% Weightage of item amount against total amount
1		Excavating trenches of required width for pipes, cables, etc including excavation for sockets, and dressing of sides, ramming of bottoms, depth up to 1.5 m including getting out the excavated soil, and then returning the soil as required, inlayers not exceeding 20 cm in depth, including consolidating each deposited layer by ramming, watering, etc. and disposing of surplus excavated soil as directed, within a lead of 50 m :			
		All kinds of soil			
	2.10.1.1	Pipes, cables etc, not exceeding 80 mm dia.	100.00	Metre	2.7155
2	10.1 Ana	Structural steel work in single section fixed with or without connecting plate including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer all complete. <b>(Structural steel &amp; Primer free issue from BHEL stores).</b>	60.00	kg	0.1277
3	10.2 Ana	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. <b>(Structural steel &amp; primer will be issued free of cost from BHEL store)</b>	100.00	kg	0.3428
4	14.54.1 Ana	Painting with synthetic paint of approved brand and manufacture of required colour to give an even shade: <b>(Synthetic enamel paint free issue by BHEL store)</b>			
		One or more coats on old work.	100.00	Sqm	0.6467
5	15.3	Demolishing R.C.C. work manually/ by mechanical means including stacking of steel bars and disposal of unserviceable material within 50metres lead as per direction of Engineer - in- charge.	10.00	cum	2.6217

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Name of work : Laying of GI Line around blocks, maintenance of borewells and other associated works inside factory area.

Sr. No.	Based on DSR'12	Item Description	Qty.	Unit	% Weightage of item amount against total amount
6		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	10.00	cum	1.5174
7	18.10	Providing and fixing G.I. pipes complete with G.I. fittings and clamps, including cutting and making good the walls etc.			
		<b>Internal work - Exposed on wall</b>			
(a)	18.10.3	25 mm dia. nominal bore.	300.00	metre	17.3296
(b)	18.10.6	50 mm dia. nominal bore.	500.00	metre	53.7752
8		Providing and fixing gun metal gate valve with C.I. wheel of approved quality (screwed end) :			
(a)	18.17.1	25 mm nominal bore.	20.00	each	1.7062
(b)	18.17.4	50 mm nominal bore.	10.00	each	1.7804
9		Providing and fixing ball valve (brass) of approved quality, High or low pressure, with plastic floats complete :			
a)	18.18.1	15 mm nominal bore	20.00	each	1.2006
b)	18.18.3	25 mm nominal bore	20.00	each	1.9579
10		Providing and fixing gun metal non- return valve of approved quality (screwed end) :			
		50 mm nominal bore			
	18.19.4.1	Horizontal	20.00	each	4.2706
		<b>Total : Annexure I</b>			89.9923

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

Name of work : Laying of GI Line around blocks, maintenance of borewells and other associated works inside factory area.

Sr. No.	Item Description	Qty.	Unit	% Weightage of item amount against total amount
1	Drawing pump set from borewell and re-installation of Submersible pumps with oiling and greasing in side Factory Area BHEL Bhopal			
	Labour charges for:-			
a	Drawing pump set from borewell	600.00	Rm	4.7562
b	Installation of pump set in borewell	600.00	Rm	4.7562
c	Cable to Cable jointing	50.00	No	0.4953
	<b>Total : Annexure II</b>			<b>10.0077</b>
	<b>Total : Annexure I + Annexure II</b>			<b>100.0000</b>

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

Name of work : Laying of GI Line around blocks, maintenance of borewells and other associated works inside factory area.

The following material free issue from BHEL stores.

- 1 Structural steel
- 2 Red Oxide primer
- 3 Synthetic Enamel Paint

**Price Schedule C**

Name of work :- Laying of GI Line around blocks, maintenance of borewells and other associated works inside factory area .

- 1 Hire charges.
  - i) Drill machine @ 252.00/- per day
  - ii) Jack Hammer @108.00/- per day

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 (Subject to availability)
- 2 Drill machine/jack hammer rod Rs. 100.00 per rod
- 3 Electricity charges at Rs.66.00/- per M.T. of fabrication of structural steel