

# TENDER

**TENDER NOTIFICATION NO. - FCX/22231016**

FOR

**Renovation & modification of Annexe -1A & 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:

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:- Renovation & modification of Annexe -1A & 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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**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** 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.

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

Name of work:- Renovation &amp; modification of Annexe -1A &amp; other area inside factory area.

Sr. No.	Based on DSR' 2012	Item Description	Qty.	Unit	% Weightage of item amount against total amount
1	9.84	Providing and fixing aluminium extruded section body tubular type universal hydraulic door closer (having brand logo with ISI, IS : 3564, embossed on the body, door weight upto 36 kg to 80 kg and door width from 701 mm to 1000 mm), with double speed adjustment with necessary accessories and screws etc. complete.	5.00	each	0.8499
2		Providing and fixing aluminium sliding door bolts ISI marked anodised (anodic coating not less than grade AC 10 as per IS:1868) transparent or dyed to required colour or shade with nuts and screws, etc., complete.			
	9.96.2	250 x 16 mm.	5.00	each	0.1483
3		Providing and fixing ISI marked oxidised M.S. handles conforming to IS:4992 with necessary screws etc. complete :			
	9.66.1	125 mm	10.00	each	0.0416
4		Providing and fixing aluminium tower bolts, ISI marked anodised (anodic coating not less than grade AC 10 as per IS:1868) transparent or dyed to required colour or shade with necessary screws, etc. complete:			
	9.97.4	150x10 mm.	5.00	each	0.0513
5		Providing and fixing aluminium hanging floor door stopper, ISI marked, anodised (anodic coating not less than grade AC 10 as per IS:1868) transparent or dyed to required colour and shade, with necessary screws, etc. complete.			
	9.101.2	Twin rubber stopper.	5.00	each	0.0618
6	9.113	Providing and fixing bright finished 100mm mortice lock with 6 levers without pair of handles of approved quality for aluminium door with necessary screws etc complete as per direction of Engineer - in - charge.	5.00	each	0.3606

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

Name of work:- Renovation &amp; modification of Annexe -1A &amp; other area inside factory area.

Sr. No.	Based on DSR' 2012	Item Description	Qty.	Unit	% Weightage of item amount against total amount
7		Providing and laying vitrified floor tiles in different sizes (thickness to be specified by the manufacturer) with water absorption less than 0.08% and conforming to IS : 15622, of approved make, in all colours and shades, laid on 20 mm thick cement mortar 1:4 (1 cement : 4 coarse sand), including grouting the joints with white cement and matching pigments etc., complete.			
	11.41.2	Size of Tile 600x600 mm	97.00	sqm	21.7998
8		Dismantling wooden boardings in lining of walls and partitions, excluding supporting members but including stacking within 50 metres lead :			
	15.39.1	Up to 10 mm thick	82.00	sqm	0.2859
9		Providing and fixing aluminium work for doors, windows, ventilators and partitions with extruded built up standard tubular sections/appropriate Z sections and other sections of approved make conforming to IS: 733 and IS: 1285, fixing with dash fasteners of required dia and size, including necessary filling up the gaps at junctions, i.e. at top, bottom and sides with required EPDM rubber/neoprene gasket etc. Aluminium sections shall be smooth, rust free, straight, mitred and jointed mechanically wherever required including cleat angle, Aluminium snap beading for glazing / paneling, C.P. brass / stainless steel screws, all complete as per architectural drawings and the directions of Engineer-in-charge. (Glazing, paneling and dash fasteners to be paid for separately) :			
	21.1.1	For fixed portion.			
	21.1.1.2	Powder coated aluminium (minimum thickness of powder coating 50 micron)	736.00	kg	47.7301
10		For shutters of doors, windows & ventilators including providing and fixing hinges/ pivots and making provision for fixing of fittings wherever required including the cost of EPDM rubber / neoprene gasket required (Fittings shall be paid for separately)			

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

Name of work:- Renovation &amp; modification of Annexe -1A &amp; other area inside factory area.

Sr. No.	Based on DSR' 2012	Item Description	Qty.	Unit	% Weightage of item amount against total amount
	21.1.2.2	Powder coated aluminium (minimum thickness of powder coating 50 micron)	70.00	kg	5.1747
11		Providing and fixing 12 mm thick prelaminated particle board flate pressed three layer or graded wood particle board conforming to IS:12823 Grade I Type II in panelling fixed in panelling fixed in aluminium doors, windows shutters and partition frames with C.P. brass/stainless steel screws, etc. complete as per architectural drawings and directions of Engineer-in-charge.			
	21.2.2	Pre-laminated particle board with decorative lamination on both sides.	85.00	sqm	13.5778
12		Providing and fixing glazing in aluminium door, window, ventilator shutters and partitions etc. with EPDM rubber / neoprene gasket etc. complete as per the architectural drawings and the directions of Engineer-in-Charge. (Cost of aluminium snap beading shall be paid in basic item):			
	21.3.1	With float glass panes of 4.0 mm thickness	20.00	sqm	2.5935
		<b>Total Annexure -I</b>			<b>92.68</b>

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

Name of work:- Renovation &amp; modification of Annexe -1A &amp; other area inside factory area.

Sr. No.	Item Description	Qty.	Unit	% Weightage of item amount against total amount
1	Providing and fixing in true horizontal level 600 mm x 600 mm false ceiling system manufactured by M/s. Armstrong World Industries using hot dipped galvanized steel section, exposed surface with pre-coated capping, main tee of size 15 x 32 mm., having 0.27 mm gauge at every 1200 mm. centre to centre maximum and rotary stitched cross tee of size 15 x 32 mm, having 0.27 mm gauge at every 600 mm. c/c. and sub cross tee of size 15 x 32 mm, having 0.25 mm gauge at 1200 mm c/c. and wall angle of size 19 x 19 mm., having 0.35 mm gauge fixed to the periphery of the wall. The above grid is suspended at every 1200mm c/c. in both directions using 2.0 mm. thick pre-straightened GI wire laying <u>ORCAL LAY-IN STANDARD PERFOARTED MICROLOOK EDGE METAL TILE WITH ACCOUSTICAL FLEECE</u> manufacture and punched in single process by M/s. Armstrong world Industries, of size 600mm x 600mm x 0.5 mm having NRC 0.70 , light reflectance of >61% (WT), with standard Perforation of 2.5 mm dia. (16% open space), having fire performance CLASS 0 / CLASS 1 (BS 476), surface having global white-baked polyster paint over the formed grid complete.			
	SPECIFICATION FOR ACCOUSTICAL FLEECE- The Acoustical Fleece(Fabric Backing) to be used in case of perforated metal ceiling system should be "Soundtex" acoustic nonwoven C 1986 SP as manufactured by M/s. Freudenberg, Germany.	35.00	sqm	7.3248
	<b>Total : Annexure II</b>			<b>7.32</b>
	<b>Total : Annexure I + Annexure II</b>			<b>100.00</b>

**FACTORY CIVIL CONSTRUCTION & MAINTENANCE DIVISION**

**Price Schedule : B**

Name of work:- Renovation & modification of Annexe -1A & other area inside factory area.

The following material free issue from BHEL stores.

- 1 Cement

**Price Schedule : C**

Name of work:- Renovation & modification of Annexe -1A & other area inside factory area.

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

Hire charges.

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|-------------------------------------|-----------------------------|
| 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