

TENDER

TENDER NOTIFICATION NO. - FCX/19201004

FOR

Renovation & Modification of MOD office in Block-2 Annexe
& other areas 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 one Annexure:

The tender will be invited on item rate basis for annexure I.

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.

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Price Schedule

Name of work:- Renovation & Modification of MOD office in Block-2 Annexe & other areas inside factory area.

SUMMARY

	Details ANNEXURE		Total Amount (Rs.)
	Total of ANNEXURE- (I)		

Amount in words: Rs.

Note :

(1) Total price of the package consisting of Annexure -I to be quoted by the bidders which shall form the basis of comparison for deciding lowest bid.

(2) 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 of Price Schedule.

Seal & Signature of Contractor

Dy. Manager (FCX/PLG)

FACTORY CIVIL CONSTRUCTION & MAINTENANCE DIVISION

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Price Schedule A - Annexure: I

Name of work:- Renovation & Modification of MOD office in Block-2 Annexe & other areas inside factory area.

S. No.	DSR' 2012	Item Description	Qty.	Unit	% Weightage of item amount against total amount
1	9.83	Providing and fixing aluminium die cast body tubular type universal hydraulic door closer (having brand logo with ISI, IS : 3564, embossed on the body, door weight upto 35 kg and door width upto 700 mm), with necessary accessories and screws, etc. complete.	3.00	each	0.5042
2		Providing and fixing ISI marked aluminium butt hinges 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:			
	9.95.6	75x63x4 mm	12.00	each	0.2257
3		Providing and fixing aluminium handles, 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 :			
	9.100.1	125 mm	10.00	each	0.1582
4	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	0.5266
5		Providing and laying vitrified floor tiles in different sizes (thickness to be specified by the manufacturer) with water absorption's less than 0.08%and conforming to IS : 15622 of approved make in all colours and shades, laid on 20mm thick cement mortar 1:4 (1 cement : 4 coarse sand) including grouting the joints with white cement and matching pigments etc., complete. (Excluding cost of cement which shall be supplied free of cost by BHEL).			
	11.41.2	Size of Tile 600x600 mm	140.00	sqm	45.9460
6	11.42	Deduct for not using 20mm thick cement mortar 1:4 (1 cement : 4 coarse sand) bedding in laying of floor tiles. (Excluding cost of cement which shall be supplied free of cost by BHEL).	140.00	sqm	-11.9063
7	11.43	Fixing glazed/ Ceramic/ Vitrified floor tiles with cement based high polymer modified quick-set tile adhesive (Water based) conforming to IS: 15477, in average 3mm thickness.	140.00	sqm	13.4068

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Price Schedule A - Annexure: I

Name of work:- Renovation & Modification of MOD office in Block-2 Annexe & other areas inside factory area.

S. No.	DSR' 2012	Item Description	Qty.	Unit	% Weightage of item amount against total amount
8		Providing and fixing tiled false ceiling of approved materials of size 595x595 mm in true horizontal level, suspended on inter locking metal grid of hot dipped galvanized steel sections (galvanized @ 120 grams per sqm, both side inclusive) consisting of main "T" runner with suitably spaced joints to get required length and of size 24x38 mm made from 0.30 mm thick (minimum) sheet, spaced at 1200 mm center to center and cross "T" of size 24x25 mm made of 0.30 mm thick (minimum) sheet, 1200 mm long spaced between main "T" at 600 mm center to center to form a grid of 1200x600 mm and secondary cross "T" of length 600 mm and size 24x25 mm made of 0.30 mm thick (minimum) sheet to be interlocked at middle of the 1200x600 mm panel to form grids of 600x600 mm and wall angle of size 24x24x0.3 mm and laying false ceiling tiles of approved texture in the grid including, required cutting/ making, opening for services like diffusers, grills, light fittings, fixtures, smoke detectors etc. Main "T" runners to be suspended from ceiling using GI slotted cleats of size 27 x 37 x 25 x 1.6 mm fixed to ceiling with 12.5 mm dia and 50 mm long dash fasteners, 4 mm GI adjustable rods with galvanised butterfly level clips of size 85 x 30 x 0.8 mm spaced at 1200 mm center to center along main T, bottom exposed width of 24 mm of all T-sections shall be pre-painted with polyester paint, all complete for all heights as per specifications, drawings and as directed by Engineer-in-charge.			
	12.52.1	GI Metal Ceiling Lay in plain Tegular edge Global white color tiles of size 595x595 mm, and 0.5 mm thick with 8 mm drop; made of G I sheet having galvanizing of 100 gms/sqm (both sides inclusive) and electro statically polyester powder coated of thickness 60 microns (minimum), including factory painted after bending	30.00	sqm	10.9818
9	15.39	Dismantling wooden boarding's in lining of walls and partitions, excluding supporting members but including stacking within 50 metres lead:			
	15.39.1	up to 10 mm thick	20.00	sqm	0.1018
10	15.57	Dismantling aluminium/Gypsum partitions, doors, windows, fixed glazing and false ceiling including disposal of unserviceable surplus material and stacking of serviceable material within 50 metres lead as directed by Engineer-in-charge.	20.00	each	0.0944

FACTORY CIVIL CONSTRUCTION & MAINTENANCE DIVISION

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Price Schedule A - Annexure: I

Name of work:- Renovation & Modification of MOD office in Block-2 Annexe & other areas inside factory area.

S. No.	DSR' 2012	Item Description	Qty.	Unit	% Weightage of item amount against total amount
11		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)			
		For fixed portion.			
	21.1.1.2	Powder coated aluminium (minimum thickness of powder coating 50 micron)	200.00	Kg	18.9388
12		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			
	21.1.2.2	Powder coated aluminium (minimum thickness of powder coating 50 micron)	30.00	Kg	3.2385
13		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.	60.00	sqm	13.9962
14		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	3.7873
		Total :			100.0000

Seal & Signature of Contractor

Dy. Manager (FCX/PLG)

FACTORY CIVIL CONSTRUCTION & MAINTENANCE DIVISION

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Price Schedule B & C

Name of work:- Renovation & Modification of MOD office in Block-2 Annexe & other areas inside factory area.

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Seal & Signature of Contractor

Dy. Engineer (FCX/PLG)

FACTORY CIVIL CONSTRUCTION & MAINTENANCE DIVISION

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Scope of work

Name of work:- Renovation & Modification of MOD office in Block-2 Annexe & other areas inside factory area.

The works envisaged in this contract shall be carried out at MOD office in Block-2 Annexe & other areas inside factory area as per requirement. The work comprises the following major activities including materials :-

- 1 Removing of the existing wooden partition, doors, false ceiling etc.
- 2 Providing & fixing vitrified tiles on cement mortar or Cement based high polymer modified,quick set tile adhesive (water based) as directed by Engr-in-charge.
- 3 Providing & fixing aluminium partition, doors, windows (made of aluminium section particle board and glass of specified make) i/c all fittings (like hydrolic door closure, aluminium butt hinges, aluminium hundle, mortice lock etc.) as per schedule of Work.
- 4 Providing & fixing aluminium False Ceiling including all accessories as per schedule of Work.

Seal & Signature of Contractor

Dy. Manager (FCX/PLG)