

# TENDER

(NIT NO. TA/TCL/**24**/20-21)

**FOR**

**PROVIDING AND FIXING OF M.S. DOORS  
& CHOWKHATS IN BHEL TOWNSHIP,  
BHOPAL.**

## PRICE BID

**SECTION - VI**



**TOWNSHIP CIVIL MAINTENANCE  
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 Schedules:

### **1.1 Schedule A**

Schedule A consists of three Annexures:

1) Annexure-I includes items based on CPWD DSR-2012, Rate Analysis & Budgetary Offers.

**Bidders are requested to quote their rate in Percentage above/below/at Par for Annexure-I.**

### **1.2 Schedule B**

Schedule B gives the details of free issue materials given by BHEL.

### **1.3 Schedule C**

Schedule C gives the details of Tools & Tackles provided by BHEL on Chargeable Basis.

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 or reinforcement steel, these items shall be issued free of cost by BHEL.**



## TOWNSHIP CIVIL MAINT. & CONST. DIVISION

### SCHEDULE 'A'

Annexure: I

Name of work :- Providing and fixing of M.S. Doors &amp; Chowkhats in BHEL Township, Bhopal.

S.No	It. Code	Description of items	Qty.	Unit	Rate	Amount
1		Providing and laying in position cement concrete of specified grade excluding the cost of centring and shuttering - All work upto plinth level:				
	4.1.3 RA	1 : 2 : 4 (1 cement : 2 coarse sand : 4 graded	24.00	cum	2,576.38	61,833.12
2		Fixing ISI marked Flush Door shutters conforming to IS: 2202 (Part I) decorative type, core of block board construction with frame of 1st Class hard wood and well matched teak 3 ply veneering with vertical grains or cross bands and face veneers on both faces of shutters. <b>(Only refixing of existing door shutters.)</b>				
	9.20.2 RA	30mm thick including ISI marked Stainless Steel butt hinges with necessary screws.	377.30	sqm	258.58	97,562.23
3		Providing and fixing ISI marked oxidised M.S. pressed butt hinges bright finished with necessary screws etc complete				
	9.55.1 RA	125 x 65 x 2.12mm	985.00	each	20.28	19,975.80
4		Providing and fixing pressed steel door frames conforming to IS: 4351, manufactured from commercial mild steel sheet of 1.60 mm thickness, including hinges, jamb, lock jamb, bead and if required angle threshold of mild steel angle of section 50x25 mm, or base ties of 1.60 mm, pressed mild steel welded or rigidly fixed together by mechanical means, including M.S. pressed butt hinges 2.5 mm thick with mortar guards, lock strike plate and shock absorbers as specified and applying a coat of approved steel primer after pre-treatment of the surface as directed by Engineer -in- charge:				
		Profile B				
	10.14.1.1 RA	Fixing with adjustable lugs with split end tail to each jamb	1,422.00	meter	300.83	4,27,780.26
5		Steel work welded in built up sections/ framed work including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer using structural steel etc. as required.				
	10.25.2 RA	In gratings, frames, guard bar, ladder, railings, brackets, gates and similar works.	4,150.00	Kg	69.38	2,87,927.00
6		12 mm cement plaster of mix:				
	13.4.2 RA	1 : 6 (1 cement : 6 coarse sand).	137.00	sqm	99.21	13,591.77
7		15 mm cement plaster on the rough side of single or half brick wall of mix:				
	13.5.2 RA	1 : 6 (1 cement : 6 coarse sand).	141.00	sqm	114.32	16,119.12

8		Painting with synthetic enamel paint of approved brand and manufacture to give an even shade :				
	13.61.1 RA	Two or more coats on new work.	972.00	sqm	50.19	48,784.68
9		Repairs to plaster of thickness 12 mm to 20 mm in patches of area 2.5 sqm and under including cutting the patch in proper shape raking out joints and preparing and plastering the surface of the walls complete including disposal of rubbish to the dumping ground within 50 meters lead				
	14.1.1 RA	With cement mortar 1 : 4 (1 cement : 4 fine sand).	141.00	sqm	145.34	20,492.94
10		Demolishing cement concrete manually/by mechanical means including disposal of material within 50 metres lead as per direction of Engineer Incharge.:				
a)	15.2.1	Nominal concrete 1:3:6 or richer mix (i/c equivalent design mix).	10.00	cum	671.05	6,710.50
b)	15.2.2	Nominal concrete 1:4:8 or leaner mix (i/c equivalent design mix).	12.50	cum	413.65	5,170.63
11	15.7.4	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 Incharge.				
		In cement mortar.	23.50	cum	566.60	13,315.10
12		Dismantling doors, windows and clerestory windows (steel or wood) shutter including chokhats, architrave, holdfasts, etc. complete and stacking within 50 metres lead:				
	15.12.1	Of area 3 sqm and below.	230.00	each	101.70	23,391.00
13		Taking out doors, windows and clerestory window shutters (steel or wood) including stacking within 50 metres lead:				
	15.13.1	Of area 3 sqm and below	261.00	each	39.70	10,361.70
14	NON-DSR (6.1.2 RA)	Brick work with Ghol bricks having compressive strength not less than 50 Kg/cm <sup>2</sup> in foundation and plinth in :Cement mortar 1:6 (1 cement : 6 coarse sand).	15.00	cum	5,232.17	78,482.55
15	NON-DSR (6.4.2 RA)	Brick work with Ghol bricks having compressive strength not less than 50 Kg/cm <sup>2</sup> in super structure above plinth level upto floor V level in all shapes and sizes in cement mortar 1:6 (1cement: 6 coarse sand) .	10.00	cum	5,791.75	57,917.50



<b>SCHEDULE – “B”</b>									
<b>Name of work :- Providing and fixing of M.S. Doors &amp; Chowkhats in BHEL Township, Bhopal.</b>									
The following materials free issue from Gadia Store/ sub-division									
Note: If the contractor fails to return to the department unconsumed portion of total quantities of respective free issue material after completion of work or as and when instructed by Engineer-incharge, recovery at twice the respective material cost of the item as procured by BHEL shall be made from the contractor's bill(s).									
<b>SCHEDULE – “C”</b>									
1. Electricity charges @ Rs.66.00/- per M.T. of fabrication of structural steel.									
Signature of Contractor									