

TENDER

(NIT NO. TA/TCL/**13**/22-23)

FOR

**REPAIR AND MAINTENANCE WORK IN
B.H.E.L. BHAWAN BUILDING IN BERKHERA
N'HOOD OF BHEL BHOPAL TOWNSHIP.**

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 single Annexure:

1) Annexure-I includes items based on GST Compliant DSR-2012, Rate Analysis, Budgetary offer.

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 :- Repair and maintenance work in B.H.E.L. Bhawan Building in Berkhera N'hood of BHEL Bhopal Township.

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 stone aggregate 20 mm nominal size).	4.00	Cum	2576.38	10305.52
2	10.16	Steel work in built up tubular (round, square or rectangular hollow tubes etc.) trusses etc. including cutting hoisting, fixing in position and applying a priming coat of approved steel primer, including welding and bolted with special shaped washers etc.complete.				
	10.16.1 RA	Hot finished welded type tubes	200.00	Kg	75.31	15062.00
3		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 20mm 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 RA	Size of Tile 600x600 mm				
	Note:-	The make of vitrified tiles for above, will be : Nitco Double Charge or Kajaria Double Charge or Johnson mabonite Double Charge.	35.00	Sqm	1105.38	38688.30
4	11.42 RA	Deduct for not using 20mm thick cement mortar 1:4 (1 cement : 4 coarse sand) bedding in laying of floor tiles.	35.00	Sqm	-286.45	-10025.75
5	11.43 RA	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.	35.00	Sqm	322.51	11287.85
6		Distempering with oil bound washable distemper of approved brand and manufacture to give an even shade				
	13.41.1 RA	Old work (two or more coats).	1800.00	Sqm	37.60	67680.00
7	13.80' RA	Providing and applying white cement based putty of average thickness 1 mm, of approved brand and manufacturer, over the plastered wall surface to prepare the surface even and smooth complete.	500.00	Sqm	67.68	33840.00
		Make of putty - Birla white wall care putty / JK wall putty / Asian wall putty / Sika wall décor putty.				

8		Wall painting with acrylic emulsion paint of interior grade, having VOC (Volatile Organic Compound) content less than 50 grams/ litre. of approved brand and manufacture, including applying additional coats wherever required to achieve even shade and colour. <u>Make of Interior Paint:-ASIAN-</u> Royale <u>/BERGER</u> LUXOL SILK <u>/NEROLAC-</u> ALL SCAPES / <u>DULUX-</u> DULUX Velvet Touch				
	13.82.2 RA	Two coats.	1100.00	Sqm	79.24	87164.00
9	14.46	Removing dry or oil bound distemper, water proofing cement paint and the like by scrapping, sand papering and preparing the surface smooth including necessary repairs to scratches etc. complete.	2300.00	Sqm	7.50	17250.00
10		Painting with synthetic enamel paint of approved brand and manufacture of required colour to give an even shade :				
	14.54.1 RA	One or more coats on old work.	480.00	Sqm	32.97	15825.60
11		Finishing walls with Premium Acrylic Smooth <u>exterior paint</u> with silicon additive of required shade : <u>Make of Exterior Paint:- ASIAN-</u> APEX <u>/BERGER-</u> Weather Coat Smooth/ <u>NEROLAC-</u> EXCEL <u>/DULUX-</u> DULUX Weather Shield.				
	14.67.1 RA	Old work (Two or more coats applied @ 1.43 ltr/ 10 sqm) over existing cement paint surface	750.00	Sqm	66.79	50092.50
12	14.70' RA	Melamine polishing on wood work (one or more coat).	50.00	Sqm	60.23	3011.50
13		Providing and fixing G.I. pipes complete with G.I. fittings and clamps, i/c cutting and making good the walls etc. : Internal work – Exposed on wall.				
a)	18.10.1 RA	15 mm dia. nominal bore	20.00	Metre	144.99	2899.80
b)	18.10.2 RA	20 mm dia. nominal bore	20.00	Metre	168.19	3363.80
14		Providing and fixing G.I. Pipes complete with G.I. fittings and clamps i/c making good the walls etc. concealed pipe including painting with anticorrosive bitumastic paint, cutting chases and making good the wall				
a)	18.11.1 RA	15 mm dia nominal bore	2.00	Metre	207.82	415.64
b)	18.11.2 RA	20 mm dia nominal bore	2.00	Metre	226.64	453.28
15		Providing and fixing G.I pipes complete with G.I fittings including treching and refilling etc. External work				
	18.12.2 RA	20 mm dia nominal bore	2.00	Metre	143.61	287.22
	18.12.3 RA	25 mm dia nominal bore	2.00	Metre	185.03	370.06
16		Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply, including all CPVC plain & brass threaded fittings This includes jointing of pipes & fittings with one step CPVC solvent cement, trenching, refilling & testing of joints complete as per direction of Engineer in charge.. <u>Make:-</u> <u>ASTRAL/Ashirwad/Finolex/Dutron</u>				
		External work				
a)	18.9.3 RA	25 mm nominal outer dia Pipes	6.00	Metre	164.28	985.68
b)	18.9.6 RA	50 mm nominal outer dia Pipes	40.00	Metre	410.84	16433.60

SCHEDULE – “B”							
Name of work :- Repair and maintenance work in B.H.E.L. Bhawan Building in Berkhera N’hood of BHEL Bhopal Township.							
The following materials free issue from Gadia Store/ sub-division							
1. Cement: - Issued free of cost at 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/decided by BHEL shall be made from the contractor's bill(s).							
SCHEDULE – “C”							
'1. Electricity charges at Rs.66.00/- per M.T. of fabrication of structural steel.							
Signature of Contractor							