

TENDER

(NIT NO. TA/TCL/**03**/23-24)

FOR

**REPAIR AND MAINTENANCE WORK OF ROOFS 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 single Annexure:

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

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 of roofs in BHEL Township Bhopal.

S.No	It. Code	Description of items	Qty.	Unit	Rate	Amount
1	1.1.1	Carriage of material by mechanical transport including loading unloading and stacking upto 1Km lead.				
		Lime, moorum, building rubbish.	5.00	Cum	66.23	331.15
2	12.15	Painting top of roofs with bitumen of approved quality @ 17 kg per 10 sqm impregnated with a coat of coarse sand at 60 cudm per 10 sqm including cleaning the slab surface with brushes and finally with a piece of cloth lightly soaked in kerosene oil complete:				
	12.15.1RA	With residual type petroleum bitumen of grade VG-10	400.00	Sqm	88.68	35472.00
3	12.21	Providing gola 75x75 mm in cement concrete 1 : 2 : 4 (1 cement : 2 coarse sand : 4 graded stone aggregate 10 mm and down gauge) including finishing with cement mortar 1 : 3 (1 cement : 3 fine sand) as per standard design:				
	12.21.1 RA	In 75 x 75 mm deep chase	40.00	Mtr	88.20	3528.00
4	13.5	15 mm cement plaster on rough side of single or half brick wall of mix:				
	13.5.2 RA	Cement mortar 1:6(1 cement : 4 coarse sand).	40.00	Sqm	114.32	4572.80
5	22.20	Providing and laying APP (Atactic Polypropylene Polymer) modified prefabricated five layer 3mm thick water proofing membrane, black finished reinforced with non-woven polyester matt consisting of a coat of bitumen primer for bitumen membrane @ 0.40 ltr/sqm. by the same membrane manufacture of density at 25 °C, 0.87-0.89 kg/ltr and viscosity 70-160 cps. Over the primer coat the layer of membrane shall be laid using Butane Torch and sealing all joints etc., and preparing the surface complete. The vital physical and chemical parameters of the membrane shall be as under : Joint strength in longitudinal and transverse direction at 23 °C as 650/450N/5cm. Tear strength in longitudinal and transverse direction as 300/250N. Softening point of membrane not less than 150 °C. Cold flexibility shall be upto - 2 °C when tested in accordance with ASTM, D - 5147. The laying of membrane shall be got done through the authorised applicator of the manufacturer of the membrane.				
	22.20.1 RA	3 mm thick	1000.00	Sqm	366.79	366790.00

[illegible]

SCHEDULE – “B”								
Name of work : Repair and maintenance work of roofs in BHEL Township Bhopal.								
1. Cement.								
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”								
-----NIL-----								
Signature of Contractor								