

TENDER

(NIT NO. TA/TCL/**37**/22-23)

FOR

**REPAIR AND MAINTENANCE WORK IN KAMLA
NEHRU CHILDREN PARK AND OTHER AREAS 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 in Kamla Nehru Children Park and Other areas in BHEL Township, Bhopal.

S.No	It. Code	Description of items	Qty.	Unit	Rate	Amount
1		Excavating holes more than 0.10 cum & upto 0.5 cum including getting out the excavated soil, then returning the soil as required in layers not exceeding 20 cm in depth, including consolidating each deposited layer by ramming, watering, etc., disposing of surplus excavated soil; as directed within a lead of 50 m and lift upto 1.5 m:				
	2.30.1	All kinds of soil	40.00	Each	41.60	1664.00
2		Providing and laying in position cement concrete of specified grade excluding the cost of centring and shuttering - All work upto plinth level:				
a)	4.1.3 RA	1 : 2 : 4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size).	5.00	Cum	2576.38	12881.90
b)	4.1.6 RA	1 : 3 : 6 (1 cement : 3 coarse sand : 6 graded stone aggregate 40 mm nominal size).	2.50	Cum	2533.34	6333.35
3		Providing and laying in position specified grade of reinforced cement concrete excluding the cost of centering, shuttering, finishing and reinforcement - All work up to plinth level :				
	5.1.2 RA	1:1.5:3 (1 cement : 1.5 coarse sand : 3 graded stone aggregate 20 mm nominal size)	2.50	Cum	2696.15	6740.38
4		Centring and shuttering including strutting, propping, etc. and removal of form for:				
(a)	5.9.1 RA	Foundations, footings, bases of columns, etc. for mass concrete.	40.00	Sqm	155.49	6219.60
5	RA 5.22.6/ 5.22.6A	Steel Reinforcement for RCC work i/c straightening, cutting, bending, placing in position and binding all complete upto/above plinth level :TMT bars (excluding cost of steel bars)	100.00	Kg	7.40	740.00
6		Coursed rubble masonry (second sort) with hard stone in foundation & plinth with :-				
	7.7.1 RA	Cement mortar 1:6 (1 cement : 6 coarse sand).	5.00	Cum	2754.46	13772.30

7	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
8		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, ladders, railings, brackets, gates and similar works.	100.00	Kg	69.38	6938.00
9		12 mm cement plaster of mix:				
a)	13.4.2 RA	1 : 6 (1 cement : 6 coarse sand) .	20.00	Sqm	99.21	1984.20
10		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).	100.00	Sqm	37.60	3760.00
11		Painting with synthetic enamel paint of approved brand and manufacture of required colour to give an even shade :				
	13.61.1 RA	Two or more coats on old work.	2000.00	Sqm	50.19	100380.00
12	13.80'	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.	200.00	Sqm	67.68	13536.00
		Make of putty - Birla white wall care putty / JK wall putty / Asian wall putty / Sika wall décor putty OR equivalent make				
13		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).	100.00	Sqm	145.34	14534.00
14	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.	2000.00	Sqm	7.50	15000.00

15		Finishing walls with Premium Acrylic Smooth exterior paint 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 OR equivalent make				
	14.67.1 RA	Old work (Two or more coats applied @ 1.43 ltr/ 10 sqm) over existing cement paint surface	2000.00	Sqm	54.18	108360.00
16	15.3	Demolishing RCC work manually/by mechanical means including stacking of steel bars and disposal of unserviceable material within 50 metres lead as per direction of Engineer Incharge.	2.00	Cum	978.95	1957.90
17	12.50 RA	Providing and fixing of pre-coated galvalume steel sheet having maximum of pitch of 200 to 210 mm c/c and minimum 30mm crest depth in length as per site requirement. The supplied material is to be manufactured out of 0.50mm TCT (total coated thickness) and 550MPA tensile strength, with zinc aluminium alloy of AZ150 (As per AS - 1397:2001). The sheet shall have a hot dip metallic zinc aluminium alloy coating of zinc (43.4%), silicon (1.6%) and aluminium (55%) with total coating mass of 150 gms/sqm (total both surfaces). The sheet shall be fixed using self drilling/self tapping screws with EPDM seal fixed to the existing M.S. purlins/ runners/ rafters/ trusses complete including cutting to size & shape wherever required as per drawing and as directed by engineer-in-charge.	50.00	Sqm	594.24	29712.00
18	12.51.2 RA	Providing and fixing of pre-coated galvalume steel sheet for plain ridges/ flashings/ aprons / barge board/ north light curves / crimp curve / gutter as per site requirement. The supplied material is to be manufactured out of 0.50mm TCT (total coated thickness) and 550MPA tensile strength, with zinc aluminium alloy of AZ150 (As per AS - 1397:2001). The sheet shall have a hot dip metallic zinc aluminium alloy coating of zinc (43.4%), silicon (1.6%) and aluminium (55%) with total coating mass of 150 gms/sqm (total both surfaces). : Flashing/Aprons (upto600mm).	10.00	Mtr	602.50	6025.00
					Total Rs.	365600.63
Percentage quoted by the Contractor			%	Above	Below	At Par
Percentage quoted by the Contractor in words						
Signature of Contractor						

SCHEDULE – “B”								
Name of work : Repair and Maintenance work in Kamla Nehru Children Park and Other areas in BHEL Township, Bhopal.								
1. Cement.								
2. Reinforcement Steel.								
					} Issued free of cost at Gadia Store/			
					} sub-division store			
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								