

TENDER

(NIT NO. TA/TCL/**20**/22-23)

FOR

**FABRICATION WORK OF MISCELLANEOUS
NATURE IN WATER RESOURCE
MANAGEMENT AT WTP JAIL HILL &
TOWNSHIP OF BHEL 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 :- Fabrication work of miscellaneous nature in Water resource management at WTP Jail hill & Township of BHEL Bhopal.

S.No	It. Code	Description of items	Qty.	Unit	Rate	Amount
1		Earth work in excavation by mechanical means (Hydraulic excavator) / manual means in foundation trenches or drains (not exceeding 1.5 m in width or 10 sqm on plan) including dressing of sides and ramming of bottoms, lift upto 1.5 m, including getting out the excavated soil and disposal of surplus excavated soil as directed within lead of 50 m.				
	2.8.1	All kinds of soil.	10.00	Cum	130.80	1308.00
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)	4.1.9 RA	1:4:8 (1 cement : 4 fine sand : 8 graded stone aggregate 40mm nominal size)	5.00	cum	2279.27	11396.35
3	10.1 RA	Structural steel work in single section fixed with or without connecting plate including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer all complete (excluding the cost of steel)	15000.00	kg	8.04	120600.00
4	10.2 RA	Structural steel work riveted ,bolted or welded in built up sections, trusses and framed work, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer all complete (excluding the cost of steel)	10000.00	kg	13.09	130900.00
5	10.20 RA	Providing and fixing bolts including nuts and washers complete.	50.00	kg	76.93	3846.50
6	10.25	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. (excluding the cost of steel)				
a)	10.25.1 RA	In stringers, treads, landings etc. of stair cases, including use of chequered plate wherever required, all complete	1000.00	kg	10.90	10900.00
b)	10.25.2 RA	In gratings, frames, guard bar, ladder, railings, brackets, gates and similar works	1000.00	kg	26.38	26380.00

7	10.26	Providing and fixing hand rail of approved size by welding etc. to steel ladder railing, balcony railing, staircase railing and similar works, including applying priming coat of approved steel primer.(excluding the cost of steel)				
	10.26.1	M.S. tube	1000.00	kg	26.90	26900.00
8	12.8 RA	Providing non-asbestos high impact Polypropylene reinforced cement / asbestos cement 6 mm thick corrugated sheets (as per IS: 14871) roofing up to any pitch and fixing with polymer coated J, or L hooks, bolts and nuts 8 mm dia. G.I. plain and bitumen washers or with self drilling fastener and EPDM washers etc. complete (excluding the cost of purlins, rafters and trusses), including cutting sheets to size and shape wherever required.(excluding cost of non-asbestos sheets)	500.00	sqm	52.32	26160.00
9		Demolishing cement concrete manually/by mechanical means including disposal of material within 50 metres lead as per direction of Engineer Incharge.:				
	15.2.1	Nominal concrete 1:3:6 or richer mix (i/c equivalent design mix).	10.00	cum	671.05	6710.50
10		Dismantling steel work in single sections including dismembering and stacking within 50 metres lead in:				
a)	15.17.1	R.S. Joists	5000.00	kg	0.95	4750.00
b)	15.17.2	Channels, angles, tees and flats	5000.00	kg	0.65	3250.00
11	15.18	Dismantling steel work in built up sections in angles, tees, flats and channels including all gusset plates, bolts, nuts, cutting rivets, welding etc. including dismembering and stacking within 50 metres lead.	15000.00	kg	1.55	23250.00
			Total Rs.: 4,09,233.25			
		Percentage quoted by the Contractor	%	Above	Below	At Par
		Percentage quoted by the Contractor in words				
		Signature of Contractor				

SCHEDULE – “B”								
Name of work :- Fabrication work of miscellaneous nature in Water resource management at WTP Jail hill & Township of BHEL Bhopal.								
Issued free of cost at Gadia Store/ sub-division								
1 Cement								
2 Structural Steel (Against Items at Sr. Nos. 3,4,6 & 7)								
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								