

TENDER

(NIT NO. TA/TCL/40/19-20)

FOR

**CONSTRUCTION OF RCC OVERHEAD
WATER STORAGE TANKS (2 NOS.) OF 450
KL CAPACITY EACH 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 two Annexures:

1) Annexure-I includes items based on Rate analysis

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

2) Annexure-II - Scope of work.

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 : Construction of RCC Overhead Water Storage Tanks (2 Nos.) of 450 KL capacity each in BHEL Township, Bhopal.

S.No	It. Code	Description of items	Qty.	Unit	Rate	Amount
1		Construction of 2 nos of RCC Over Head Tank each having capacity 450 KL & staging 18 mtr, Intze type with columns & bracings including the cost of shuttering and scaffolding (all types) with complete Job including testing, railing, lightning conductor, ventilator, M.S. Ladder from Balcony to top dome & Aluminium ladder from top dome to inside the tank including providing & fixing inlet,outlet, overflow & scouring DI Pipes of suitable dia upto ground level from tank along with providing & fixing DI Specials, water level indicator, Manhole cover, RCC stair case & painting complete. (For more detail, refer drawings & technical specifications)	2x450000	Litre	11.87	10683000.00
		Location :- 1) Near Existing Steel tank, BHEL's Security Gate no. 5, Sector - A, Piplani. 2) Near Guest House, Berkheda				
					Total Rs.	1,06,83,000.00
		Percentage quoted by the Contractor	%	Above	Below	At Par
		Percentage quoted by the Contractor in words				
Note:-						
1) Cement & Reinforcement steel (TMT Bars) shall be issued by BHEL free of cost. However, supply of all required Structure steel members along DI/GI pipe and their specials/fittings/accessories shall be in the scope of work of the contractor.						
2) GST & BOCW cess (i.e. Labour welfare cess) as applicable shall be extra. However, all other applicable taxes/duties (if any) shall be included by the bidder in his offer.						
Signature of Contractor						

	ANNEXURE-II
SCOPE OF WORK	
Name of work : Construction of RCC Overhead Water Storage Tanks (2 Nos.) of 450 KL capacity each in BHEL Township, Bhopal.	
Scope of work shall be inclusive of but not limited to the following activities :-	
S. No.	Description of Activities
I	Construction of RCC Overhead Water Storage Tanks (2 nos)- each having capacity of 4,50,000 Litres and staging 18 metre as per specifications enclosed with the tender and as per 'Good for construction' drawings to be issued at the time of execution of work.
II	Providing & fixing Float type water level indicator at suitable height.
III	Providing & fixing MS Pipe railings to RCC staircase and Balcony.
IV	Providing & fixing MS Ladder from balcony to Top Dome & Aluminium ladder from Top Dome to inside of the tank.
V	Providing & fixing DI Pipes of suitable diameter for inlet, outlet, overflow and scouring from tank to Ground Level including providing flanges with Blanking at the end for further joining of Pipe.
VI	Carrying out water leakage test of tank. If there is any leakage found after the test, the same shall be rectified to make it water tight.
VII	All concrete/masonry surfaces to be painted. The painting shall include base preparation also as per CPWD specification.
VIII	All inside RCC surfaces of tank container shall be painted with two or more coats of food grade epoxy stearate paint (full rate) conforming to CFTRI & Haffkins certification. The application of paint shall be as per the manufacturer's specifications and best engineering practices.
IX	All exposed steel member to be painted smooth with synthetic enamel paints of approved make, colour & shade including applying two coats of steel primer of approved make.
X	Any other associated works not mentioned above explicitly but necessary for successful completion of the project shall be covered under scope of work.
The above scope may undergo some minor changes based on BHEL final requirement.	
Signature of Contractor	

SCHEDULE – “B”								
Name of work : Construction of RCC Overhead Water Storage Tanks (2 Nos.) of 450 KL capacity each in BHEL Township, Bhopal.								
1. Cement								
2. Reinforcement steel								
						To be 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 charge Rs.66/- per M.T. of fabrication of structural steel.								
Signature of Contractor								