

TENDER

(NIT NO. TA/TCL/**06**/19-20)

FOR

**DRILLING OF BORE WELLS IN BHEL
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 two Annexures:

1) Annexure-I includes items based on previous work order

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 : Drilling of bore wells in BHEL Township.

S.No	It. Code	Description of items	Qty.	Unit	Rate	Amount
1		Charges for conducting resistivity survey by standard hydrological methods per site. (each site will point out suitable water bearing zone at three points on the basis of water yields)	8.00	Nos	4400.00	35200.00
2		Drilling of telescopic bore with DTH rig in all kinds of strata including all running expanses, like diesel, oil, lubricant, maintenance, labour, consumables etc. complete. Over burden drilling with appropriate 225 mm drill bit in top weathered rock down to minimum 08 meter including all consumables.	192.00	mtr	328.00	62976.00
3		Providing blank casing of appropriate size 175mm NB, M.S. pipes 4.5mm thick as per direction of Engr-in-charge.	176.00	mtr	1320.00	232320.00
4		Drilling of bore well in hard rock formation with minimum 170 mm drill bit upto targeted depth as per design and site requirement.	1120.00	mtr	464.00	519680.00
5		Drilling of bore well in hard rock formation with minimum 150 mm drill bit upto targeted depth as per design and site requirement.	320.00	mtr	368.00	117760.00
6		Providing blank casing of appropriate size at intermittent collapsible formation. Size of casing 150mm NB (thickness 4.5 mm) G.I. pipes medium class.	144.00	mtr	400.00	57600.00
7		Extra for perforated pipe casing of 8 mm dia. hole @ 100 mm c/c lengthwise and 75 mm c/c on circumference all equally spaced in staggered manner, duly marking, punching and drilling including all lead and lift at intermittent collapsible water yielding formation as and where required.				
(a)		Size of pipe 150 mm NB - 8 mm dia hole G.I. pipes medium class	144.00	mtr	4.00	576.00
(b)		Size of pipe 175 mm NB - 8 mm dia hole M.S. pipe.	192.00	mtr	4.00	768.00

8		Development and testing of bore-well with compressor rig unit to make it free from grit and other foreign materials and measurement of discharge over 90o V-Notch whenever water bearing formation is encountered and during increase/decrease of discharge minimum 1.5 hours.	8.00	Job	160.00	1280.00
9		Capping of well assembly.	8.00	Each	80.00	640.00
10		Bore well information along with drawing / strata chart / well section.	8.00	Job	80.00	640.00
					Total Rs.	1029440.00
		Percentage quoted by the Contractor	%	Above	Below	At Par
		Percentage quoted by the Contractor in words				
	Note:-					
	The work to be done by suitable method prescribed in IS:2800 (Part I) Latest Revision/amendment and IS : 11189 Latest Revision/amendment as required.					
	Signature of Contractor					

	ANNEXURE-II
	SCOPE OF WORK
	Name of work : Drilling of bore wells in BHEL Township.
	Scope of work is inclusive of but not limited to the following activities :-
S. No.	Description of Activities
1	Conducting hydrological survey by resistivity method to know underground soil strata and availability of water bearing strata (ie. Aquifer).
2	Drilling of borewell about eight numbers depending on actual strata and availability of water.
	The above scope may undergo some minor changes based on BHEL final requirement.
	Signature of Contractor

SCHEDULE – “B”								
Name of work : Drilling of bore wells in BHEL Township.								
----- NIL -----								
SCHEDULE – “C”								
----- NIL -----								
Signature of Contractor								