

TENDER

(NIT NO. TA/TCL/**29**/22-23)

FOR

**WIDENING OF RCC CULVERT LOCATED
NEAR PETROL PUMP TOWARDS SAKET
NAGAR ROAD 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 :- Widening of RCC culvert located near petrol pump towards Saket Nagar road in BHEL Township, Bhopal.

S.No	It. Code	Description of items	Qty.	Unit	Rate	Amount
1		Carriage of material by mechanical transport including loading, unloading, stacking etc. complete				
(a)		upto 1 km.				
(i)	1.1.1	Lime, moorum, bldg. rubbish	5.00	Cum	66.23	331.15
(ii)	1.1.2	Earth	20.00	Cum	82.78	1655.60
2		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.	20.00	Cum	130.80	2616.00
3	2.25	Filling available excavated earth (excluding rock) in trenches, plinth, sides of foundations, etc. in layers not exceeding 20 cm in depth : consolidating each deposited layer by ramming and watering, lead up to 50 m and lift upto 1.5m	5.00	Cum	83.80	419.00
4	4.10 RA	Providing and laying damp-proof course 40 mm thick with cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 12.5 mm nominal size).	10.00	Sqm	130.06	1300.60
5	4.20	Providing and laying in position ready mixed plain cement concrete, with cement content as per approved design mix and manufactured in fully automatic batching plant and transported to site of work in transit mixer for all leads, having continuous agitated mixer, manufactured as per mix design of specified grade for plain cement concrete work, including pumping of R.M.C. from transit mixer to site of laying and curing, excluding the cost of centering, shuttering and finishing, including cost of curing, admixtures in recommended proportions as per IS :9103 to accelerate/retard setting of concrete, improve workability without impairing strength and durability as per direction of the Engineer-in-charge. (Note : 1) Excess/less cement used than specified in this item is payable/recoverable separately.)				
	4.20.1	All works upto plinth level :				
	4.20.1.2 RA	M-10 grade plain cement concrete (cement content considered @ 220 kg/cum)	10.00	Cum	3602.73	36027.30

6		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.	12.00	Sqm	155.49	1865.88
(b)	5.9.3 RA	Suspended floors, roofs, landings, balconies	10.00	Sqm	301.28	3012.80
(c)	5.9.5 RA	Lintels, beams, plinth beams, girders, bressumers and cantilevers.	5.00	Sqm	251.23	1256.15
(d)	5.9.6 RA	Columns, pillars, piers, abutments, posts and struts.	10.00	Sqm	349.52	3495.20
7	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)	2500.00	Kg	7.40	18500.00
8	5.27 RA	Providing and filling in position bitumen mix filler of Proportion 80 kg of hot bitumen, 1 kg of cement and 0.25 cubicmetre of coarse sand for expansion joints.	8.00	Per cm depth per cm width per 100m	148.52	1188.16
9	5.33	Providing and laying in position machine batched and machine mixed design mix M-25 grade cement concrete for reinforced cement concrete work, using cement content as per approved design mix, including pumping of concrete to site of laying but excluding the cost of centering, shuttering, finishing and reinforcement, including admixtures in recommended proportions as per IS: 9103 to accelerate, retard setting of concrete, improve workability without impairing strength and durability as per direction of Engineer-in-charge.(Note :- Cement content considered in this item is @ 330 kg/cum. Excess/less cement used as per design mix is payable/recoverable separately).				
	5.33.1 RA	All works upto plinth level	30.00	Cum	3239.26	97177.80
10	5.34	Extra for providing richer mixes at all floor levels.(Note:- Excess/less cement over the specified cement content used is payable /recoverable separately.)				
	5.34.1RA	Providing M-30 grade concrete instead of M-25 grade BMC/ RMC. (Note:- Cement content considered in M-30 is @ 340 kg/cum)	25.00	Cum	4.50	112.50
11	5.35(RA)	Deduct for using less cement in the items of design mix over and above the specified cement content therein.	50.00	Qtl	-9.05	-452.50
12	5.35(RA)	Add for using more cement in the items of design mix over and above the specified cement content therein.	2.50	Qtl	9.05	22.63
13		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

[illegible]

SCHEDULE – “B”								
Name of work :- Widening of RCC culvert located near petrol pump towards Saket Nagar road in BHEL Township, Bhopal.								
Issued free of cost at Gadia Store/ sub-division.								
1. Cement:								
2. Reinforcement Steel								
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								