



**BHARAT HEAVY ELECTRICALS LIMITED , JHANSI  
TOWNSHIP CIVIL DEPARTMENT**

Phone no 0510-2412582 Fax no 0510-2770011

Email paawan@bheljhs.gbaipai@bheljhs.co.in

website www.bhel.com/bhel/tender/login.php.

(Tender document may be available on above website and can be downloaded also)

Tender No TCX / TE / 1 / 19/.../R

Date 21/10/2011

**PART-2  
PRICE BID**

**NAME OF WORK :Construction Of Eastern Boundary Wall In Township.**

S.No.	Ref: DSR 2007	Description of Items	Qty	Unit	Rate (₹) DSR 2007	Amount (₹)	Rate (₹) offered by contractor
1	2.8/64	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 a lead of 50 m.					Above / Below for S.No. 1 to 11 (In Digits) .....% (In Words) .....
	2.8.1	All kinds of soil.	250.00	cum	103.40	25850.00	
2	2.25/67	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	100.00	cum	45.70	4570.00	
3	2.28/67	Surface dressing of the ground including removing vegetation and in-equalities not exceeding 15 cm deep and disposal of rubbish, lead upto 50 m and lift upto 1.5 m:					
	2.28.1	All kinds of soil	10.00	100sqm	512.10	5121.00	
4	2.32/68	Clearing grass and removal of the rubbish upto a distance of 50 m outside the peripheri of the area cleared.	10.00	100sqm	135.65	1356.50	
5	4.1/79	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level:					
5.A	4.1.8	1:4:8 (1 cement : 4 coarse sand : 8 graded stone aggregate 40 mm nominal size ).	25.00	cum	2449.00	61225.00	
5.B	4.1.3/79	1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size ).	20.00	cum	3257.45	65149.00	
6	4.2/79	Providing and laying cement concrete in retaining walls, return walls,walls ( any thickness) including attached pilasters, columns, piers, abutments, pillars, posts, struts, buttresses, string or lacing courses, parapets, <b>coping</b> , bed blocks, anchor blocks, plain window sills, fillets etc. up to floor five level, excluding the cost of centering, shuttering and finishing:					
	4.2.3	1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size ).	25.000	cum	3579.10	89477.50	
7	5.2 /88	Reinforced cement concrete work in walls (any thickness), including attached pilasters, buttresses, plinth and string courses, fillets, <b>columns</b> , pillars, piers, abutments, posts and struts, etc. upto floor five level excluding cost of centering, shuttering, finishing and reinforcement :					
	5.2.3	1 : 2 : 4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size).	10.00	cum	3720.00	37200.00	
8	5.3/88	Reinforced cement concrete work in <b>beams</b> , suspended floors, <b>roofs</b> having slope upto 15 degree landings, balconies, shelves, chajjas, lintels, bands, plain window sills, staircases and spiral stair cases upto floor five level excluding the cost of centering, shuttering, finishing and reinforcement with 1 : 2 : 4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size).	6.00	cum	3673.85	22043.10	
9	5.9/88	Centering and shuttering including strutting, propping, etc. and removal of form for:					
9.A	5.9.1	Foundations, footings, <b>bases of columns</b> , etc. for mass concrete.	20.00	sqm	119.25	2385.00	
9.B	5.9.3	Suspended floors, <b>roofs</b> , landings, balconies and access platform.	25.00	sqm	187.35	4683.75	
9.C	5.9.5	Lintels, <b>beams</b> , plinth beams, girders, bressumers and cantilevers.	30.00	sqm	162.65	4879.50	
9.D	5.9.6	Columns, pillars, piers, abutments, posts and struts.	55.00	sqm	238.40	13112.00	
10	5.22/92	Reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete:					
	5.22.3	Cold twisted bars / TMT bars.	1200.00	kilogram	42.70	51240.00	
11	7.1/109	Random rubble masonry with hard stone in foundation and plinth including levelling up with cement concrete 1 : 6: 12 ( 1 cement : 6 coarse sand : 12 graded stone aggregate 20 mm nominal size ) at plinth level with :					
	7.1.1	Cement mortar 1 : 6 ( 1 cement : 6 coarse sand ).	150.00	cum	1838.90	275835.00	

(Signature ,seal & date of issuing authority)

(Signature ,seal & date of contractor )

cont.....

S.No.	Ref: DSR 2007	Description of Items	Qty	Unit	Rate (₹) DSR 2007	Amount (₹)	Rate (₹) offered by contractor	
12	7.2+7.1.1/ 109	Extra for random rubble masonry with hard stone in superstructure above plinth level and upto floor five level, including leveling up with cement concrete 1: 6: 12 ( 1 cement : 6 coarse sand : 12 graded stone aggregate 20 mm nominal size ) at window sills, ceiling level and the like.	500.00	cum	2211.25	1105625.00	(In Digits) .....% (In Words) ..... Above / Below for S.No. 12 to 21	
13	7.7/109	Coursed rubble masonry (second sort) with hard stone in foundation & plinth with :-						
	7.7.1	Cement mortar 1:6 ( 1 cement : 6 coarse sand).	40.00	cum	1913.10	76524.00		
14	7.8+7.7.1	Extra for coursed rubble masonry with hard stone (first or second sort) in superstructure above plinth level and upto floor five level.	40.00	cum	2274.60	90984.00		
15	7.10.+7.7.1	Extra for coursed rubble masonry with hard stone (first or second sort) in :						
	7.10.1	Square or rectangular pillars	80.00	cum	2065.70	165256.00		
16	10.25/166	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	In gratings, frames, guard bar, ladders, railings, brackets, gates and similar works.	2000.00	Kg	51.20	102400.00		
17	13.3/201	20 mm cement plaster of mix:						
	13.3.2	1 : 6 (1 cement : 6 fine sand) .	300.00	sqm	95.10	28530.00		
18	15.9 /228	Demolishing stone rubble masonry manually/ by mechanical means including stacking of serviceable material and disposal of unserviceable material within 50 metres lead as per direction of Engineer-in-charge:						
	15.9.2	In cement mortar	20.00	cum	370.75	7415.00		
19	16.18	Fencing with angle iron post placed at required distance embedded in cement concrete blocks and every 15th post, last but one end post and corner post shall be strutted on both sides and end post on one side only, provided with horizontal lines and two diagonals interwoven with horizontal wires, of barbed wire 9.38 kg per 100 metres (minimum) between the two posts fitted and fixed with G.I. staples, turn buckets etc. complete.(cost of posts, struts, earth work and concrete work to be paid for separately):Payment to be made per metre cost of total length of barbed wire used.						
	16.18.1	With G.I. Barbed wire.	12500.00	metre	8.45	105625.00		
20	16.19 /242	Supplying at site Angle iron post & strut of required size including bottom to be split and bent at right angle in opposite direction for 10 cm length and drilling holes upto 10 mm dia etc. complete.( Y Shape )	4000.00	Kg	43.35	173400.00		
21		all items of DSR 2007 but not covered above.		as per requirements		150000.00		
<b>Sub Total "A1"</b>						<b>2669886.35</b>		
<b>Sub total "A2" (% Above / Below)</b>								
<b>Sub total "A" = A1 ± A2</b>								

**Service tax extra as applicable.**

( Note : Rate for item no 01 to 21 must be offered in % Above / Below on CPWD DSR- 2007 rates ).

(Signature ,seal & date of issuing authority)

(Signature ,seal & date of contractor )