

**BHARAT HEAVY ELECTRICALS LIMITED**  
**RAMACHANDRAPURAM :: HYDERABAD-502032**  
**(TOWNSHIP ADMINISTRATION)**  
**Schedule - A - Price bid**

Tender Notice No:  
HY/TA/OT-12/2015-16  
Date: 28.12.2015, Item No.02

Name of the work: *Civil works related to Re-Circulation of treated water from New STP in Township*

Sl.No	Decripton	Total Qty	Unit	Rate (in Rs)	Amount (in Rs.)
<b>HDPE pipe line</b>					
1	Cutting road and making good the same including supply of extra quantities of materials i.e. aggregate, moorum screening, red bajri and labour required for Bitumen portion.	30.00	Cum	1861.60	55848.00
2	Earth work in excavation in all soils by mechanical means ( hydraulic excavtors ) / drains ( not exceeding 1.5m in width or 10 sq.m on plan ) including dressing of sides and ramming of bottoms, lift upto 3.00 metre, including getting out the excavated soil and disposal of surplus excavated soil as directed,within a lead of 50m	6082.50	Cum	130.80	795591.00
3	Earth work in excavation by mechanical means (Hydraulic excavator) / manual means for hard rock (blasting prohibited) including disposal of excavated earth, lead up to 50 m and lift up to 1.5 m, disposed earth to be levelled and neatly dressed all as directed by the Engineer-in-charge.	30.00	Cum	490.10	14703.00
4	Filling with available excavated earth ( excluding rock ) in trenches,plinth,sides of foundation etc. in layers not exceeding 20cm in deoth, consolidation each deposited layer by ramming and watering, lead up to 50.00m and lift upto 3.00m	5501.25	Cum	83.80	461004.75

Sl..No	Decripiton	Total Qty	Unit	Rate (in Rs)	Amount (in Rs.)
5	Conveyance of excavated earth including loading,unloading and disposal at places with in a distance of 2 kms etc.compete all as directed by Engineer-in-charge.	611.25	Cum	93.94	57420.83
6	Providing and laying in position cement concrete of specified garde excluding the cost of centering and shuttering including consolidation by vibrations for all work upto plinth level with 1:4:8 ( 1 cement : 4 coarse sand : 8 graded stone aggregate of 20mm nominal size).	20.00	Cum	2606.02	52120.40
7	Providing and laying in position specified grade of reinforced cement concrete 1:1.5:3(1cement 1.5 coarse sand 3 grade stone aggrigate 20mm nominal size) excluding the cost of centering shuttering finishing and reinforcement All work up to plinth level.	20.00	Cum	2771.85	55437.00
8	Reinforcement for RCC work including straightening, cutting bending placing in position and binding all complete. Cold twisted bars	1600.00	Kg	7.37	11792.00
9	Brick work FPS brick of class designation 75 in superstructure above plinth level up to floor V level in all shapes and sizes in cement mortar 1:6( 1cement :6 coarse sand). For pedestal	10.00	Cum	3513.18	35131.80
10	12 mm cement plaster of mix:1:6(1 cement : 6 fine sand)	100.00	Sqm	91.55	9155.00

Sl.No	Decripton	Total Qty	Unit	Rate (in Rs)	Amount (in Rs.)
11	Supplying and fixing of HDPE pipes with 4.0 kg/sq.cm of OD 200 mm Conforming to IS 4984-1995 including transportation of approved quality with specials, accessories and approved sealing/jointing compound on the exterior of the inserted portion of the fitting and fixing in position and joining including cost of all materials, sealing compound, labour etc., for all heights complete.				
11 (a)	200mm dia	2200.00	Metre	1052.70	2315940.00
11 (b)	160.mm dia	830.00	Metre	697.40	578842.00
11 (c)	125mm dia	710.00	Metre	452.10	320991.00
11 (d)	110mm dia	710.00	Metre	353.10	250701.00
11 (e)	90mm dia	520.00	Metre	248.60	129272.00
11 (f)	75mm dia	1820.00	Metre	182.60	332332.00
11 (g)	50mm dia	1220.00	Metre	117.70	143594.00
11 (h)	40mm dia	100.00	Metre	79.20	7920.00

Sl..No	Decription	Total Qty	Unit	Rate (in Rs)	Amount (in Rs.)
12	Providing and fixing G.I. pipes complete with G.I. fittings including trenching and refilling. 25 mm dia nominal bore	850.00	Metre	209.40	177990.00
13	Providing and fixing C.I. sluice valves (with cap) complete with bolts,nuts, rubber insertions etc. (the tail pieces if required will be paid separately)	15.00	Each	3068.35	46025.25
14	Providing and fixing ball valve (brass) of approved quality, High or low pressure, with plastic floats complete. 25mm nominal bore.				
	25mm nominal bore.	25.00	Each	421.65	10541.25
15	Clearing jungle including uprooting of rank vegetation, grass, brush wood, trees and saplings of girth upto 30 cm measured at a height of 1m above ground level and removal of rubbish upto a distance of 50 m outside the periphery of the area cleared.	100.00	Sqm	4.82	482.00
<b>Pond</b>					
16	Earth work in excavation in all soils by mechanical means ( hydraulic excavtors ) / drains ( not exceeding 1.5m in width or 10 sq.m on plan ) including dressing of sides and ramming of bottoms, lift upto 3.00 metre, including getting out the excavated soil and disposal of surplus excavated soil as directed,within a lead of 50m	4500.00	Cum	130.80	588600.00

Sl..No	Decripiton	Total Qty	Unit	Rate (in Rs)	Amount (in Rs.)
17	Earth work in excavation by mechanical means (Hydraulic excavator) / manual means for hard rock (blasting prohibited) including disposal of excavated earth, lead up to 50 m and lift up to 1.5 m, disposed earth to be levelled and neatly dressed all as directed by the Engineer-in-charge.	450.00	Cum	490.10	220545.00
18	Filling with available excavated earth ( excluding rock ) in trenches,plinth,sides of foundation etc. in layers not exceeding 20cm in deoth, consolidation each deposited layer by ramming and watering, lead up to 50.00m and lift upto 3.00m	225.00	Cum	83.80	18855.00
19	Conveyance of excavated earth including loading,unloading and disposal at places with in a distance of 2 kms etc.compete all as directed by Engineer-in-charge.	4275.00	Cum	93.94	401593.50
20	Dry stone pitching 22.5 cm thick including supply of stones and preparing surface complete.	10000.00	Sqm	336.50	3365000.00
21	Supplying and stacking sand at site.	500.00	Cum	1288.00	644000.00
22	Supplying and stacking at site.				
a	90 mm to 45 mm size stone aggregate	500.00	Cum	1010.75	505375.00
b	63 mm to 45 mm size stone aggregate	500.00	Cum	1100.80	550400.00
c	53 mm to 22.4 mm size stone aggregate	500.00	Cum	1190.80	595400.00
	<b>Chain link mesh for around pond.</b>				

Sl..No	Decripiton	Total Qty	Unit	Rate (in Rs)	Amount (in Rs.)
23	Earth work in excavation by mechanical means (Hydraulic excavator) / manual means over areas (exceeding 30 cm in depth. 1.5 m in width as well as 10 Sqm on plan) including disposal of excavated earth, within a lead of 50 m and lift up to 1.5 m disposed earth to be levelled and neatly dressed for all kind of soils etc. compete all as directed by Engineer-in-charge	25.00	Cum	129.35	3233.75
24	Conveyance of excavated earth including loading, unloading and disposal at places with in a distance of 2 kms etc. compete all as directed by Engineer-in-charge.	22.50	Cum	93.94	2113.65
25	Reinforced cement concrete work in walls 1:2:4( 1cement 1 coarse sand 2 and 4 grade stone aggregate 20mm nominal size) (any thickness) including attached pilasters buttresses plinth and string course fillets columns pillars piers abutments posts and struts etc. ( for casting poles as specified by Engineer in charge)	226.80	Cum	3486.40	790715.52
26	Reinforcement Cold twisted bars for RCC work including straightening, cutting bending placing in position and binding all complete. <b>(Steel will be free issue from BHEL store)</b>	18144.00	Kg	7.37	133721.28
27	Centering and shuttering including strutting propping etc. and removal of form work for :Columns piers, abutments, pillars, posts and struts.	3024.00	Sqm	365.60	1105574.40

Sl..No	Decripiton	Total Qty	Unit	Rate (in Rs)	Amount (in Rs.)
28	Encasing Boundary poles with cement concrete 1:2:4 ( 1 cement : 2 coarse sand : 4 graded stone aggregate 12.5 mm nominal size ) including centring and shuttering but excluding cost of reinforcement etc. complete all as directed by Engineer-in-charge.	204.12	Cum	3083.20	629342.78
29	Erection RCC poles/M.S angles posts in position by conveying the same to the places as directed.	1200.00	Each	32.98	39576.00
30	Filling available excavated earth (excluding rock) in trenches, plinth sides of founding each deposited layers not exceeding 20cm in depth consolidating each deposited layer by ramming and watering, lead upto 50m and lift up to 1.5m..	2.50	Cum	83.80	209.50
31	Labour charges for fixing of chain link Mesh to the existing poles with G.I binding wire,applying sufficient pull, by engaging required skilled manpower including cost of G.I binding wire and cost of transportation from BHEL stores to the required places all as directed by Engineer-in-charge. (Chain link Mesh will be issued free of cost from BHEL stores).	900.00	Sqm	32.00	28800.00
32	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 in gratings,frames,guard ladder,railings,brackets,gates and simillar works including locking arrangemnet.	1000.00	Kg	27.09	27090.00
33	MSAldrop powder coated 300 mm long.	10.00	Each	134.00	1340.00

Sl..No	Decription	Total Qty	Unit	Rate (in Rs)	Amount (in Rs.)
34	Surface dressing of the ground including removing vegetation and in-equalities not exceeding 15cm deep and disposal of rubbish, lead up to 50 m and lift up to 1.5m for all kinds of soil all as directed by Engineer-in-charge.	100.00	Sqm	9.35	935.00
<b>Total (Rupees One Crore fifty five lakhs fifteen thousand two hundred fifty four and paise sixty six only)</b>					<b>15515254.66</b>
<b>Note:</b>	<b>Cement and steel will be free issue from BHEL store</b>				
<b>Tender %</b>	<b>In words</b>		<b>In Figures</b>		
<b>Excess</b>					
<b>Less</b>					
<b>Estimate</b>					
<b>Notes:</b>					
1	A penalty of 0.5% of the gross value of work will be levied for every week's delay of work subject to a maximum penalty of 10% of the gross value of work.				
2	The tender % age quoted by the contractor shall be inclusive of all taxes and duties other than service tax as applicable from time to time.				
3	<b>Service tax</b> if paid by the contractor with respect to this work will be reimbursed by BHEL on production of documentary evidence for having paid the service tax by the contractor.				
4	All the bills of the contractors will be cleared subject to the production of clearance certificate by the contractors in respect of compliance of all statutory requirement, issued by IR section of HR department				
5	The agency shall submit the I.R. clearance certificate for the above work and arrange to get the final bill sent to Finance within one month from the actual date of completion of work.				
6	The maintenance period of the work is <b>12 months</b> . The security deposit will be released after satisfactory completion of the work and after getting I.R clearance and payment of final bill.				