



**BHARAT HEAVY ELECTRICALS LIMITED  
RAMACHANDRAPURAM::HYDERABAD::32  
FACTORY CIVIL DEPARTMENT**

SCHEDULE- A

Tender Notice No:

HY/FCD/OT- 14 /2010-11 , Dt:- 27.08.2010

**PRICE BID**

Item no : 1

**Name of the Work:-Modification - Laying of Distribution lines for drinking  
water in factory & Admn bldg**

S No	Description of the item	Qty	Unit	Rate (Rs)	Amount (Rs)
1	<b>Earth work in excavation in all soils</b> by mechanical means (Hydraulic Excavators) / manual means in foundations trenches or drains (not exceeding 1.5m in width or 10 Sq.m on plan ) including dressing of sides and ramming of bottoms, lift upto 1.5m, including getting out the excavated soil and disposal of surplus excavated soil as directed , within a lead of 50M.	9135.00	Cu.m	103.40	944559.00
2	Earth work in excavation by mechanical means (Hydraulic Excavators) / manual means over areas (exceeding 30 cm in depth , 1.5 m in width as well as 10 Sq.m on plan) including disposal of excavated earth , lead upto 50 m and lift upto 1.5 m, disposing earth to be levelled and neatly dressed for <b>Hard Rock</b> (Blasting prohibited).	200.00	Cu.M	325.25	65050.00
3	Cutting Roads and making good the same including supply of extra quantities of materials i.e; aggregate, morrum, screening ,red bajri and labour required - Water bound macadam.	300.00	Cu.M	572.45	171735.00
4	<b>Filling</b> with available excavated earth (excluding rock) in trenches , plinth , sides of foundations etc. in layers not exceeding 20 cm in depth , consolidation each deposited layer by ramming and watering , lead upto 50.00 m and lift upto 1.50 m.	9135.00	Cu.m	45.70	417469.50
5	<b>Conveyance</b> of excavated spoil up to a lead of 2 Kms, including loading , unloading and spreading etc. complete as directed by Engineer- in- charge.	10.00	Cu.M	56.41	564.10
6	<b>Extra for Conveyance</b> of excavated spoil beyond a lead of 2 Kms and up to a lead of 3 Kms, including loading , unloading and spreading etc. complete as directed by Engineer- in- charge.	10.00	Cu.M	6.91	69.10

S No	Description of the item	Qty	Unit	Rate (Rs)	Amount (Rs)
7	<b>Brick work</b> with FPS bricks of class designation 75 in superstructure above plinth level up to ground floor in all shapes and sizes in cement mortar 1:6.	5.00	Cu.m	2357.40	11787.00
8	<b>Dismantling brick masonry</b> walls for all heights, removing and clearing the debries and carting away upto to lead of 2 KM including loading, unloading and spreading segregating useful materials as directed by Engineer-in-charge including the cost of all labour scaffolding etc., complete.	23.00	Cu.m	355.88	8185.24
9	Providing and laying in position specified grade, of <b>Reinforced cement concrete</b> excluding the cost of centering, shuttering, finishing and reinforcement - <b>all work up to plinth level with 1:2:4</b> (1 cement : 2 coarse sand : 4 graded stone aggregate of 20 mm nominal size )	8.00	Cu.m	3359.60	26876.80
10	<b>Dismantling reinforced cement concrete / plain cement concrete</b> and disposing of debries upto to a lead of 2 KM including loading, unloading and spreading as directed by Engineer-in-charge etc., complete.	10.00	Cu.m	582.68	5826.80
11	<b>Reinforcement for R.C.C. work</b> including straightening , cutting , bending , placing in position and binding grills with binding wire all complete by cold twisted bars.	0.10	MT	42700.00	4270.00
12	<b>Plastering in CM 1:6 , 20 mm</b> thick to internal and external surfaces of walls including the cost of all materials , labour , curing etc, complete -Upto 10.00 M level.	20.00	Sq.m	95.10	1902.00
13	<b>Fixing of Nominal Bore MS pipe Medium Grade</b> properties & weight as per IS 1239 TATA make with GI fittings including the cost of pipe & its fittings & labour charges complete -150mm dia .	25.00	R.M	187.90	4697.50
14a	<b>Fixing GM peet valve</b> as per IS-778 class-1 indian heavy duty - 25mm dia NB size	30.00	Each	25.00	750.00
14b	-- do-- for 32mm dia	46.00	Each	25.00	1150.00
14c	-- do-- for 40mm dia	20.00	Each	38.00	760.00
14d	-- do-- for 50mm dia	50.00	Each	51.00	2550.00

S No	Description of the item	Qty	Unit	Rate (Rs)	Amount (Rs)
14e	-- do-- for 80mm dia	74.00	Each	76.00	5624.00
15	Fixing <b>CI sluice valves</b> (with cap) complete with bolts, nuts, rubber insertions etc., (the tail pieces if required will be paid separately) for <b>100 mm</b> diameter.	16.00	Each	335.10	5361.60
16	Constructing masonry chamber 90x90x100 cm, inside with 75 class designation brick work in cement mortar 1:4 (1 cement : 4 coarse sand) for sluice valve, with C.I. surface box 100 mm top diameter, 160 mm bottom diameter and 180 mm deep (inside) with chained lid and RCC top slab 1:2:4 mix (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size) necessary excavation foundation concrete 1:5:10 ( 1 cement : 5 fine sand : 10 graded stone aggregate 40 mm nominal size) and inside plastering with cement mortar 1:3 (1 cement : 3 coarse sand ) 12 mm thick finished with a floating coat of neat cement complete as per standard design with F.P.S bricks.	40.00	Each	6147.00	245880.00
17	Supply and fixing 12.70mm dia NP push cock 1st quality.	500.00	Each	163.00	81500.00
18	Supplying & fixing indian make white glazed vitreous china porcelain sink size 600mmx400mmx250mm conforming to IS:2556-part:5-1994 on catilever brackets with water fittings like rubber plug, chain, 32mm nominal size C.P. fitting with parallel pipe thread conforming to IS:2963-1979	100.00	Each	2500.00	250000.00
19a	<b>Conveying of G.I. Pipes</b> and specials from stores to site including cost of loading, unloading, lowering into trenches, cutting and threading wherever necessary, aligning including jointing and testing etc., complete. all as directed by Engineer-in-charge. (G.I. pipes and specials, pig lead, hemp yarn, bolts and nuts, washers, rubber packing, white lead etc., required for the work will be supplied free of cost by BHEL at their stores). for 15 mm dia. Pipes	1200.00	R M	35.90	43080.00

S No	Description of the item	Qty	Unit	Rate (Rs)	Amount (Rs)
19b	-- do-- for 25 mm dia.	400.00	R M	39.05	15620.00
19c	-- do-- for 32 mm dia.	2700.00	R M	39.05	105435.00
19d	-- do-- for 40 mm dia.	400.00	R M	42.10	16840.00
19e	-- do-- for 50 mm dia.	2800.00	R M	42.10	117880.00
19f	-- do-- for 80 mm dia.	3800.00	R M	52.10	197980.00
19g	-- do-- for 100 mm dia.	1105.00	R M	52.10	57570.50
20	<b>Conveying of C.I. Pipes</b> and specials from stores to site including cost of loading, lowering into trenches, aligning and cutting of pipes to required length where ever necessary including jointing, testing ec., complete. (All C.I. pipes and specials, pig lead, hemp yarn, bolts and nuts, rubber packing, white lead etc., required for the work will be supplied free of cost by BHEL at their stores) a) 150 mm dia. Pipes	25.00	R M	73.25	1831.25
21	Conveying, lowering and fixing of C.I. sluice valves, gun metal valves on C.I./G.I pipes lines at or below ground level all as directed by Engineer-in-charge. (Valves, hemp yarn, bolts and nuts, washers, rubber packing, white lead etc., required for the work will be supplied free of cost by BHEL at their stores). for 150 mm dia. Valves	5.00	Each	149.30	746.50
22	Fixing of Electric motor KIRLOSAR make DB 125/40 PumpHead range 50Mtr, Discharge 160Cu.m/Hr SuctionXDelivery 150x125mm1450 RPM	7.00	Each	1343.85	9406.95
23	Fixing of Electric motor KIRLOSAR make 50HP 3PH 440 Volts,50HZ Induction Motor suitable for above pump	7.00	Each	1343.85	9406.95

S No	Description of the item	Qty	Unit	Rate (Rs)	Amount (Rs)
24a	Fixing of Flow meters and strainers make ACTARIS Vortex Model CIB.ISO 4084 Certified. For 50mm dia	4.00	Each	22.80	91.20
24b	-- do-- for 80 mm dia.	8.00	Each	35.25	282.00
24c	-- do-- for 100 mm dia.	8.00	Each	335.10	2680.80
				<b>Total</b>	<b>28,35,418.79</b>
<b>Total : Rs. Twenty eight lakhs thirty fivethousand four hundred and nineteen only.</b>					

**Note :** - The pipes and specials , pumps, flow meters as mentioned in the respective items will be issued by BHEL on FREE of cost at their stores.

**Service Tax:-** The Service tax as applicable is extra which will be paid by BHEL to the agency after submission of necessary valid documents by the agency.

**Note :** The Tenders are required to quote the tender value on percentage (%) basis at excess or less or on as per estimate value

Tender %	In figure	In words
Excess		
Less		
Estimated value		

**Name of the Contractor :**

**Signature of the Contractor**

**Accounts Representative**

**Opening officer**