



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

SCHEDULE- A

Tender Notice No:

HY/FCD/OT-16/2012-13, Dt: 31.08.2012

PRICE BID

Item no.: 2

Name of work: Providing additional drainage connections to sanitary sewer lines from canteen inside Factory area.

S. No.	Description of the item	Qty	Unit	Rate (₹)	Amount (₹)
1a	Earth work in excavation in all soils 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 etc. complete as directed by Engineer-in-charge.	475.00	Cu.m	103.40	49,115.00
b	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 leveled and neatly dressed for Hard Rock (Blasting prohibited) etc. complete as directed by Engineer-in-charge.	25.00	Cu.M	325.25	8,131.25
2	Providing, laying and jointing glazed stone ware pipes class SP-1 with stiff mixture of cement mortar in the proportion of 1:1 (1 cement : 1 fine sand) including testing of joints etc., complete. 230 mm diameter S.W pipe etc. complete as directed by Engineer-in-charge.**	320.00	RM	269.90	86,368.00
3a	Construction of Rectangular Manhole of inside dimensions 1.20 x 0.90 M including Earth work, bed concrete 1:2:4 – 200 mm thick, walls with C.R.S Masonry 2 nd sort in C.M (1:6) of 0.45 M width, plastering walls inside, out side with C.M (1:4) / 20 mm channeling, inside manhole neat finishing, fixing C.I Foot steps at 400 c/c. Fixing of Angle iron frame with 75 x 75 x 6 lugs welded in C.C 1:2:4 on top of wall of 8 Cms. Thick including back filling etc., complete. including casting & placing in position of RCC cover for the manhole. (M.S. Angle, will be issued free of cost). Manholes upto 1.50M to 2.00M etc. complete as directed by Engineer-in-charge.**	7.00	Each	10,639.00	74,473.00
b	Same as above but with internal dimensions of 1.20 x 0.90 M upto 1.00 M depth etc. complete as directed by Engineer-in-charge.**	7.00	Each	2,330.00	16,310.00

S. No.	Description of the item	Qty	Unit	Rate (₹)	Amount (₹)
4	Providing and laying in position specified grade, of Reinforced cement concrete excluding the cost of centering, shuttering, finishing and reinforcement - all work up to plinth level with 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate of 20 mm nominal size) etc. complete as directed by Engineer-in-charge.**	6.00	cu.m	1,687.00	10,122.00
5	Filling 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 etc. complete as directed by Engineer-in-charge.	475.00	Cu.M	45.70	21,707.50
6	Making connection of drain or sewer line with existing manhole including breaking into and making good the walls, floors with cement concrete 1:2:4 mix (1 cement : 2 coarse sand: 4 graded stone aggregate 40mm nominal size) cement plastered on both side with cement mortar 1:3 (1 cement: 3 coarse sand) finished with a floating coat of neat cement and making necessary channel for the drain etc. complete. for pipes 100mm to 230 mm diameter etc. complete as directed by Engineer-in-charge.**	14.00	each	164.30	2,300.20
Total				₹	2,68,526.95
Add increase in Vat 1% over the material cost (70% of contractor scope)				₹	1,879.69
Total value of work				₹	2,70,406.64
Total : ₹ Two lakhs seventy thousand four hundred six and sixty four paise only					

Note: **Cement, structural steel, MS reinforcement steel will be issue by BHEL on free of cost at BHEL stores.

1	A penalty of 0.5% of the gross value of work will be levied for every week's delay of work or part there of subject to a maximum penalty of 10% of the gross value of work executed after the schedule period of completion.
2	The rates are inclusive of all taxes and duties except Service tax, which is extra as per service tax norms will be paid by BHEL to the agency after submission of necessary documents

Note : The bidders are required to quote the tender value on percentage (%) basis at excess or less or on par with estimate value in figures and words.

Tender %	In figure	In words
Excess		
Less		
Estimated value		

Name of the Contractor :

Signature of the Contractor