



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

SCHEDULE- A

Tender Notice No:

HY/FCD/OT- 05 /2010-11 , Dt:- 28.06.2010

PRICE BID

Item no : 02

**Name of work : External storm water lines & sewer lines
at New Blade Shop.**

S. No	Description of the item	Qty	Unit	Rate (Rs)	Amount (Rs)
1	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.	1580.00	Cu.m	103.40	163372.00
b	----do---- up to First additional depth of 1.50 M to 3.00 M.	340.00	Cu.m	122.30	41582.00
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 Hard Rock (Blasting prohibited).	362.00	Cu.M	325.25	117740.50
3	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.	1920.00	Cu.M	45.70	87744.00
4	Conveyance of excavated spoil up to a lead of 2 Kms, including loading , unloading and spreading etc. complete as directed by Engineer- in- charge. - for volume of pipe and manhole area.	110.00	Cu.M	56.41	6205.10
5a	Providing and laying non-pressure NP2 class (light duty) RCC pipes with collars jointed with stiff mixture of cement mortar in the proportion of 1:2 (1 cement : 2 fine sand) including testing of joints etc. complete. - 300 mm dia RCC pipe.	230.00	Rm	338.75	77912.50
b	----do----for 450 mm dia RCC pipe.	160.00	Rm	499.55	79928.00
c	----do----for 600 mm dia RCC pipe.	90.00	Rm	895.10	80559.00

S. No	Description of the item	Qty	Unit	Rate (Rs)	Amount (Rs)
6a	Providing , laying and jointing glazed stoneware pipes grade 'A' with stiff mixture of cement mortar in the proportion of 1:1 (1 cement : 1 fine sand) including testing of joints etc. complete. --- for ---230 mm.	470.00	Rm	269.90	126853.00
b	--- for --- 300mm.	300.00	Rm	469.65	140895.00
7a	Construction brick Masonry circular manhole 1.22 m internal dia at bottom and 0.56 m at top in cement mortar 1:4 (1cement : 4 coarse sand) inside cement plaster 12mm thick with cement mortar1:3 (1cement : 3 coarse sand) finished with a floating coat of neat cement foundation concrete 1:3:6 (1 cement : 3 coarse sand : 6 graded stone aggregate 40 mm nominal size) and making necessary channel in cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size) finished with a floating coat of neat cement all complete as per standard design. - 1.68 m deep with SFRC cover and frame (heavy duty HD-20 grade designation) 560 mm internal diameter conforming to IS: 12592, total weight of cover and frame to be not less than 182 Kg, fixed in cement concrete 1:2:4(1 cement: 2 coarse sand: 4 graded stone aggregate 20 mm nominal size) including centering shuttering all complete. (Excavation , foot rests and 12 mm thick cement plaster at the external surface shall be paid for separately - with FPS bricks class designation 75.	37.00	Each	8946.25	331011.25
b	--- do ---extra depth for circular type manhole 1.22 m internal dia (at bottom) beyond 1.68 m to 2.29 m - with FPS bricks class designation 75.	21.00	Each	2954.75	62049.75
8	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) -	5.00	cu.m	3359.60	16798.00
9	Reinforcement for R.C.C. work including straightening , cutting , bending , placing in position and binding grills with binding wire all complete by cold twisted bars.	0.25	M.T	42700.00	10675.00

S. No	Description of the item	Qty	Unit	Rate (Rs)	Amount (Rs)
10	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering including consolidation by vibrations for all works up to plinth level with 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate of 20 mm nominal size).	18.00	Cu.M	3257.45	58634.10
				Total:	14,01,959.20
Total : Rs. Fourteen lakhs one thousand nine hundred fifty nine only.					

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