



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

SCHEDULE- A

Tender Notice No:

PRICE BID

HY/FCD/OT- 13 /2010-11 , Dt: - 14.08.2010

Item no : 04

Name of work : Construction of 150T Weigh bridge and providing cable trench at K-Gate.

S No	Description of the item	Qty	Unit	Rate (Rs)	Amount (Rs)
	Part - I - 150T Weigh bridge				
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.	198.00	Cu.m	103.40	20473.20
b	----do---- up to First additional depth of 1.50 M to 3.00 M.	198.00	Cu.m	122.30	24215.40
c	----do---- up to second additional depth of 3.01 M to 4.50 M.	79.20	Cu.m	141.20	11183.04
2	Providing and laying in position plane cement concrete of specified grade excluding the cost of centering and shuttering including consolidation by vibrations for all works up to plinth level with 1:4:8 (1 cement : 4 coarse sand : 8 graded stone aggregate of 20 mm nominal size).	13.20	Cu.M	2449.00	32326.80
3	Providing and laying in position specified grade of reinforced cement concrete excluding the cost of centering ,shuttering, finishing and reinforcement ,including consolidation by vibrations for all works up to plinth level with 1:1½:3 (1 cement : 1½ coarse sand : 3 graded stone aggregate of 20 mm nominal size).	167.50	Cu.M	3732.00	625110.00
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.	380.70	Cu.M	56.41	21475.29
5	Centering and shuttering including strutting, propping etc; and removal of form work, for columns, pillars, piers, abutments, machine foundations, posts and struts.	302.00	Sq.M	180.40	54480.80

S No	Description of the item	Qty	Unit	Rate (Rs)	Amount (Rs)
6	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.	17.00	M.T	42700.00	725900.00
7	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.	94.50	Cu.M	45.70	4318.65
8	Fabrication and fixing inserts in concrete wall with lugs of required dia welded to the insert plates.(St. Steel,electrodes and gas required for work will be issued on free of cost by BHEI at their stores)	0.60	MT	3500.00	2100.00
9a	Granolithic topping of 25 mm thick using 1 cement 1 granite chips of 10mm down graded laid over base concrete when it is green conditions and ironite finishing 12mm thick using a mix of 50Kg of ironite , 200 Kg of cement and 0.30 Cu.m of granite metal 6mm down graded including cost of form work , curing etc. complete.	110.00	Sq.m	485.00	53350.00
			Total Part-I		15,74,933.18
	Part - II - Cable Trench				
1	Earth work in excavation in all soils by mechanical means (Hydraulic Excavtors) / 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.	450.00	Cu.m	103.40	46530.00
2	Earth work in excavation by mechanical means (Hydraulic Excavators) / manual measn 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).	45.00	Cu.M	325.25	14636.25

S No	Description of the item	Qty	Unit	Rate (Rs)	Amount (Rs)
3	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 1:4:8 (1 cement : 4 coarse sand : 8 graded stone aggregate of 20 mm nominal size).	33.00	Cu.M	2449.00	80817.00
4	Providing and laying in position specified grade of reinforced cement concrete excluding the cost of centering ,shuttering, finishing and reinforcement ,including consolidation by vibrations for all works up to plinth level with 1:1½:3 (1 cement : 1½ coarse sand : 3 graded stone aggregate of 20 mm nominal size).	110.00	Cu.M	3732.00	410520.00
5	Centering and shuttering including strutting, propping etc; and removal of form work, for columns, pillars,peirs,abutments,machine foundations, posts and struts.	930.00	Sq.M	180.40	167772.00
6	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.	6.00	M.T	42700.00	256200.00
7	Conveyance of excavated spoil up to a lead of 2 Kms, including loading , unloading and spreading etc. complete as directed by Engineer- in- charge.	160.00	Cu.M	56.41	9025.60
8	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.	290.00	Cu.M	45.70	13253.00
9	Fabrication and fixing inserts in concrete wall with lugs of required dia welded to the insert plates.(St. Steel,electrodes and gas required for work will be issued on free of cost by BHEL at their stores)	16.00	MT	3500.00	56000.00

S No	Description of the item	Qty	Unit	Rate (Rs)	Amount (Rs)
10	Casting and placing in position of R.C.C cable trench covers of 75 mm thick of mix 1:1.5:3 with 20 mm down graded metal including cutting, welding of Angle iron frame, spreading of Ironite powder at 2 Kg / Sq.m, neat finishing etc. (Fabrication of Angle iron frame and reinforcement will be paid separately under different items).	270.00	Sq.M	333.00	89910.00
			Total Part-II		11,44,663.85
	Total (Part-I & Part-II)				27,19,597.03
	Total : Rs. Twenty seven lakhs ninteen thousand five hundred ninty seven 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