



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

SCHEDULE- A

Tender Notice No:

HY/FCD/OT-09/2014-15, Dt: 06.05.2014

PRICE BID

Item no.:1

Name of work: Providing foundation for weighing bridge - 150 T at Plate and pipe yard.

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.	260.00	Cu.m	103.40	26,884.00
b	----do---- up to First additional depth of 1.50 M to 3.00 M In or under water and / or liquid mud, including pumping out water as required.	260.00	Cu.m	146.76	38,157.60
c	----do---- up to second additional depth of 3.01 M to 4.50 M - In or under water and / or liquid mud, including pumping out water as required.	211.00	Cu.m	169.44	35,751.84
2	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 40 mm nominal size) . The cement will be issued free of cost by BHEL at BHEL stores.	62.00	Cu.M	1,560.50	96,751.00
3	Providing and laying in position ready mix concrete manufactured in fully automatic batching plant and transported to site of work in transit mixer for a lead up to 25 KM having continuous agitated mixer, manufactured as per mix design of specified grade for reinforced cement concrete work including pumping of R.M.C from transit mixer to site of laying, excluding the cost of centering, shuttering finishing and reinforcement including cost of cement , admixures in recommended proportions as per ID: 9103 to accelerate/retard setting of concrete, improve workability without impairing strength and durability as per direction of the Engineer-in-charge. M 25 grade Reinforced cement concrete by using 380 kgs of cement per cu.m of concrete. All works upto floor V level. as per IS 456: 2000 for all concrete works upto all levels.	66.00	Cu.m	4,192.80	2,76,724.80

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 ,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). The cement will be issued free of cost by BHEL at BHEL stores.	110.00	Cu.M	1,641.30	1,80,543.00
5	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. The steel will be issued free of cost by BHEL at BHEL stores.	8.80	M.T	4,003.00	35,226.40
6	Centering and shuttering including strutting, propping etc.; and removal of form work, for columns, pillars,peirs,abutments,machine foundations, posts and struts.	570.00	Sq.m	180.40	1,02,828.00
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.	293.00	Cu.M	45.70	13,390.10
8	Conveyance of excavated spoil up to a lead of 2 Kms, including loading , unloading and spreading etc. complete as directed by Engineer- in- charge.	438.00	Cu.M	56.41	24,707.58
9	Supplying and filling with stone dust in Foundation below bed, as directed by Engineer-in-charge.	138.00	Cu.m	700.00	96,600.00
10	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 BHEL stores)	1.10	MT	3,153.50	3,468.85
11	Fabrication and fixing of M.S holding down bolts , threaded both sides including supply of nuts, washers etc., complete as directed. (M.S. rounds as per required size will be issued on free of cost at BHEL stores)	0.05	MT	23,405.04	1,170.25
12	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. - The cement will be issued free of cost by BHEL at BHEL stores.	60.00	Sq.m	226.05	13,563.00
13	Providing and laying non-pressure NP2 class (light duty) R.C.C. 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 R.C.C pipe.	15.00	RM	338.75	5,081.25

S. No.	Description of the item	Qty	Unit	Rate (₹)	Amount (₹)
14	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). The cement will be issued free of cost by BHEL at BHEL stores.	20.00	cu.m	1,687.00	33,740.00
15	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). The cement will be issued free of cost by BHEL at BHEL stores.- for roads.	188.00	Cu.M	1,641.30	3,08,564.40
	Total			₹	12,93,152.07
	Add increase in Vat 1% over the material cost (70% of Above value)			₹	9,052.06
	Total value of work			₹	13,02,204.14
Total : ₹ Thirteen lakhs two thousand two hundred four and fourteen paise only					

Note:

1	A penalty of 0.50 % of the gross value of work will be levied for every week's or part thereof delay in execution of work by the agency, subject to a maximum penalty of 10 % of gross value of the total work executed.
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		