

ABSTRACT OF COST-ORIGINAL ESTIMATE

Location A&N Island
Branch Civil

Division

EE/CD-I
VI

Name of work: Construction of RCC wall of 2 mtr Height for a length 138 m

ITEM NO.	SUB-HEADS AND ITEM OF WORK	Unit	Qty	Rate	Amount	Remarks
1.1	Earth work in excavation by mechanical means (Hydraulic excavator) / manual means over areas (exceeding 30cm in depth. 1.5m in width as well as 10 sum on plan) including disposal of excavated earth, lead upto 50m and lift upto 1.5m, disposed earth to be levelled and neatly dressed.					2.6
1.1.1	All kinds of soil	cum	5.25	101.85	534.7125	2.6.1
1.2	Earth work in excavation by mechanical means (Hydraulic Excavator) / manual means in foundation trenches or drains (not exceeding 1.5 m in width or 10 sum on plan) including dressing of sides and ramming of bottoms, lift upto 1.5 m, including getting out the excavated soil and disposal of surplus excavated soil as directed, within a lead of 50 m.					2
1.2.1	All kinds of soil	cum	10.95	103.4	1132.23	2.8.1
	Sub Total				1666.94	
	SH 2 CONCRETE WORK					
2.1	Providing and laying in position cement concrete of specified grade excluding the cost of centring and shuttering - All work upto plinth level :					4.1
2.1.1	1:4:8 (1 Cement : 4 coarse sand : 8 graded stone aggregate 40 mm nominal size).	cum	0.27	2449	661.23	4.1.8
	Sub Total				661.23	
	SH 3 REINFORCED CEMENT CONCRETE					
3.1	Providing and laying in position specified grade of reinforced cement concrete excluding the cost of centring, shuttering, finishing and reinforcement - All work upto plinth level :					5.1
3.1.1	1:1½:3 (1 cement : 1½ coarse sand : 3 graded stone aggregate 20 mm nominal size)	cum	1.7	3732	6344.4	5.1.2
3.2	Reinforced cement concrete work in walls (any thickness), including attached pilasters, buttresses, plinth and string courses, fillets, columns, pillars, piers, abutments, posts and struts etc. upto floor five level excluding cost of centring, shuttering, finishing and reinforcement :					5.2
3.2.1	1:1½:3 (1 cement : 1½ coarse sand : 3 graded stone aggregate 20 mm nominal size)	cum	0.7	4092.4	2864.645	5.2.2
3.3	Centring and shuttering including strutting, propping etc. and removal of form for :					5.9