

ABSTRACT OF COST ORIGINAL ESTIMATE
[Refer Para . 4.23 and CPWD Code para No. 87]

246

State : A&N ISLANDS
Branch :

Division:-CD-I Port Blair
Sub-Division:

Name of Work :- Construction of R/Wall-Cum-drain of 1.50 mtr height for a length of 100.00mtr

S. No	Description of Items	Qty	Rate	Unit	Amount
	EARTH WORK				
1	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.				
a)	All kinds of soil	32.00	101.85	cum	3259.20
2	Excavation work 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 soils as directed, within a lead of 50m.				
a)	Ordinary rock	16.20	162.65	cum	2634.93
3	Providing and laying in position cement concrete of specified grade excluding the cost of centring and shuttering - All work upto plinth level				
a)	1:3:6 (1 Cement : 3 coarse sand : 6 graded stone aggregate 40 mm nominal size)	17.00	2713.05	cum	46122.00
4	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				
a)	1:3:6 (1 cement : 3 coarse sand : 6 graded stone aggregate 40 mm nominal size).	8.00	3034.70	cum	24277.60
5	Centring and shuttering including strutting, propping etc. and removal of form work for :				
a)	Foundations, footings, bases for columns.	31.45	119.25	sqm	3750.00
b)	Walls (any thickness) including attached pilasters, buttresses, plinth and string courses etc.	26.10	180.40	sqm	4708.00
6	Cement concrete flooring 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate) finished with a floating coat of neat cement including cement slurry, but excluding the cost of nosing of steps etc. complete.				
a)	40 mmm thick with 20mm nominal size stone aggregate	3.00	192.95	Sqm	579.00
7	12 mm thick cement Plaster of mix: 1:4 (1cement :4 coarse sand)	23.60	77.55	Sqm	1830.00
8	Providing and fixing 75 mm PVC pipe for weep holes	7.50	125.00	mtr	938
					88098.73
	Add for cost index 154 %	87160.73	154	100	134227.52
	Cost for 10 mtr				222326.00
	Cost for 1 mtr				22232.60
					22233.00
	Cost for construction of 100 mtr retaining wall				3334950.00

[Signature]
22/6/11
Assistant Engineer(Plg)
Construction Circle No-I,
APWD, Port Blair

[Signature]
Executive Engineer(Plg)
Construction Circle No-I,
APWD, Port Blair

[Signature]
Superintending Engineer
Construction Circle No-I,
APWD, Port Blair