

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

State : A& N ISLANDS
Branch :

Division:
Sub-Division:

Name of work:- Construction of Sea wall behind residential area Great Andamanese of Strait Island(for a length of 500 mtr).

S.No	Sub-heads and Items of Work	Original Estimate				Sl No.	Sub-heads and Items of Work	Revised Estimate				Explanation
		Qty	Rate	Unit	Amount			Unit	Quantity MB.NO.	Rate	Amount	
1	Earth work in excavation in foundation trenches or drains (not exceeding 1.5 m in width or 10 sqm 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 50m.											The work Construction of Sea wall behind residential area Great Andamanese of Strait Island(for a length of 500 mtr) was sanctioned during February , 2007 for an amount of Rs. 1,76,53,557/- (Rupees One Crore Seventy Six Lakhs Fifty Three Thousand Five Hundred Fifty Seven Only)
	All kinds of soil.	2868.75	93.55	cum	268372.00							
2	Filling available excavated earth (excluding rock) in trenches, plinth, sides of foundations etc. in layers not exceeding 20cm in depth: consolidating each deposited layer by ramming and watering, lead up to 50 m and lift upto 1.5 m	1060.80	30.25	cum	32089.00							The Secretary Tribble welfare during her visit to the Strait Island on 07.11.2007, decided that construction of sea wall shall not be taken up and, it is further decided, that the fund provided for construction of sea wall shall be utilized for immediate expenditure on development of site and for construction of ongoing building works.
3	Providing and laying in position cement concrete of specified grade excluding the cost of centring and shuttering - All work upto plinth level											
a)	1:1.5:3 (1 Cement : 1.5 coarse sand : 3 graded stone aggregate 20 mm nominal size)	2190.45	2046.55	cum	4482865.00							Accordingly 02 Nos retaining wall of 3 mtr height having 16 mtr length each, 03 Nos retaining wall of 02 mtr height having 25 mtr length each and 01 No retaining wall of 02 mtr height having length of 20 mtr has been constructed behind 06 Nos Ty-III Qtrs, 03 Nos retaining wall constructed on sides of community hall and the retaining wall of 02 mtr height wall constructed behind Qtr No.11 of Ty-III Qtrs.
b)	1:4:8 (1 Cement : 4 coarse sand : 8 graded stone aggregate 40 mm nominal size)	119.85	1404.70	cum	168353.00							
4	Providing and laying cement concrete in retaining walls, return walls, walls (any thickness) including attached pilasters, columns, piers, abutments, pillars, posts, struts, buttresses, string or lacing courses, parapets, coping, bed blocks, anchor blocks, plain windows sills, fillets etc. upto floor five level, excluding the cost of centring, shuttering and finishing											Inaddition to the above retaining walls, a kathca approach road of 270.00 mtr length and 06 mtr wide with 02 Nos RCC box culvert of 1.00 mtr x 1.00 mtr size has been constructed from guest house towards newly constructed community hall and other building sites. The details of works with estimate is given below. Hence this Revised Estimate.
a)	1:1.5:3 (1 Cement : 1.5 coarse sand : 3 graded stone aggregate 20 mm nominal size)	303.96	2252.25	cum	684594.00							
5	Centring and shuttering including strutting, propping etc. and removal of form work for											
a)	Foundations, footings, bases of Columns	3092.64	61.10	Sqm	188960.00							
b)	Retaining walls, return walls, walls (any thickness) including attached pilasters, buttresses plinth and string courses fillets etc.	876.93	106.40	Sqm	93305.00							
6	Add carriage of materials from Port Blair.											
a)	Cement	987.10	1079.64	MT	1065712.64							
b)	Sand	1143.89	1925.20	Cum	2202217.03							
c)	Stone aggregate (20 mm & 40 mm)	2257.63	1925.20	cum	4346389.28							
					7614319.00							
					13532857.00							
	Add cost index @ 55.42 %	5918538.00	55.42	100.00	3280054.00							
					16812911.00							
	Add contingencies	16812911.00	5	100	840645.55							
					17653556.55							
				Say	17653557.00							
	(Rupees One Crore Seventy Six Lakhs Fifty Three Thousand Five Hundred Fifty Seven Only)											