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BREAKDOWN OF DETAILED ESTIMATE

PROJECT NAME: REPAIR/ REHABILITATION/ RETROFITTING/RENOVATION/REPLACEMENT AND EXPANSION OF EXTENSION BUILDING SERVICES
 LOCATION: CatSU Main Campus, Virac, Catanduanes
 ITEM No. XIII
 DESCRIPTION: STRUCTURAL CONCRETE (INCL LEAN CONCRETE)
 TOTAL QUANTITY: 576.20
 UNIT: cu.m

A.	LABOR	No. of Person	No. of Days	Daily Rate	Amount
	Construction Foreman				
	Skilled Laborer				
	Common Laborer				
Sub-Total for A (Cost of Labor)					-

B.	EQUIPMENT	No. of Units	No. of Hours	Hourly Rate	Amount
	Concrete Vibrator				
	One bagger Mixer				
	Pumpcrete				
	Submersible Waterpump (for foundation)				
Sub-Total for B (Cost of Equipment Rental)					-

C.	Name and Specification	Unit	Quantity	Unit Cost	Amount
	Materials				
	C.1 Foundation Level				
	Foundation V = 60.84cu.m.				
	Portland Cement	bags	553.00		
	Fine Aggregates	cu.m	30.00		
	Crushed Gravel	cu.m	60.84		
	Foundation to Ground Floor Column V = 13.45 cu.m.				
	Portland Cement	bags	122.00		
	Fine Aggregates	cu.m	7.00		
	Crushed Gravel	cu.m	13.45		
	C.2 Ground Floor Level				
	Ground Beam V = 38.78 cu.m.				
	Portland Cement	bags	353.00		
	Fine Aggregates	cu.m	19.00		
	Crushed Gravel	cu.m	38.78		
	Slab On Ground Level V = 75.46 cu.m.				
	Portland Cement	bags	686.00		
	Fine Aggregates	cu.m	38.00		
	Crushed Gravel	cu.m	75.46		
	Ground Floor to Second Floor Column V = 34.95 cu.m.				
	Portland Cement	bags	318.00		

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Fine Aggregates	cu.m	17.00		
Crushed Gravel	cu.m	34.95		
C.3 Second Floor Level				
Second Floor Beam	V = 56.79 cu.m.			
Portland Cement	bags	516.00		
Fine Aggregates	cu.m	28.00		
Crushed Gravel	cu.m	56.79		
Slab On Second Floor Level V = 70.08 cu.m.				
Portland Cement	bags	637.00		
Fine Aggregates	cu.m	35.00		
Crushed Gravel	cu.m	70.08		
Second Floor to Roofdeck Level Column V = 30.94 cu.m.				
Portland Cement	bags	281.00		
Fine Aggregates	cu.m	15.00		
Crushed Gravel	cu.m	30.94		
C.4 Roof Deck Level				
Roof Deck Beam	V = 54.74 cu.m.			
Portland Cement	bags	479.00		
Fine Aggregates	cu.m	26.00		
Crushed Gravel	cu.m	52.74		
Slab On Roof Deck V = 72.03 cu.m.				
Portland Cement	bags	655.00		
Fine Aggregates	cu.m	36.00		
Crushed Gravel	cu.m	72.03		
C.5 150mm thk R.C. Wall supporting Concrete Ramp V = 4.15 cu.m.				
Portland Cement	bags	38.00		
Fine Aggregates	cu.m	2.00		
Crushed Gravel	cu.m	4.15		
C.6 Wall Footing-1 (WF-1) V = 10.28 cu.m.				
Portland Cement	bags	93.00		
Fine Aggregates	cu.m	5.00		
Crushed Gravel	cu.m	10.28		
C.7 Wall Footing at Entrance V = 1.58 cu.m.				
Portland Cement	bags	14.00		
Fine Aggregates	cu.m	1.00		
Crushed Gravel	cu.m	1.58		

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C.8 Fire Exit Concrete Stair near Grid line 1 (incl. stair footing SF-1)			
V = 1.60 cu.m.			
Portland Cement	bags	15.00	
Fine Aggregates	cu.m	1.00	
Crushed Gravel	cu.m	1.60	
C.9 Fire Exit Concrete Stair near Grid line A (incl. stair footing SF-2)			
V = 2.62 cu.m.			
Portland Cement	bags	24.00	
Fine Aggregates	cu.m	1.00	
Crushed Gravel	cu.m	2.62	
C.10 Main Stair			
V = 3.82 cu.m.			
Portland Cement	bags	35.00	
Fine Aggregates	cu.m	2.00	
Crushed Gravel	cu.m	3.82	
C.11 Concrete Louver			
V = 3.90 cu.m.			
Portland Cement	bags	35.00	
Fine Aggregates	cu.m	2.00	
Crushed Gravel	cu.m	3.90	
C.12 Concrete Ledge @ Windows			
V = 3.90 cu.m.			
Portland Cement	bags	35.00	
Fine Aggregates	cu.m	2.00	
Crushed Gravel	cu.m	3.90	
C.13 Decorative Columns & Ledge @ Entrance			
V = 9.00 cu.m.			
Portland Cement	bags	82.00	
Fine Aggregates	cu.m	5.00	
Crushed Gravel	cu.m	9.00	
C.14 Sidewalk			
V = 19.5 cu.m.			
Portland Cement	bags	177.00	
Fine Aggregates	cu.m	10.00	
Crushed Gravel	cu.m	19.51	
C.15 Stiffener Columns supporting Embankment Wall for Sidewalk			
V = 1.24 cu.m.			
Portland Cement	bags	11.00	
Fine Aggregates	cu.m	1.00	

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