

## 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. XII

DESCRIPTION: REINFORCING STEEL BARS

TOTAL QUANTITY: 101,656.51

UNIT: kgs.

<b>F.20 Sidewalk</b>		Cover Area =	156.1	m2	
-	- 10mmØ x 6.0m RSB Grade 40		kgs	179.00	
#	16 G.I. Tie Wire		kgs	10.00	
<b>F.21 Stiffener Columns supporting Embankment Wall of Sidewalk</b>					
48	- 10mmØ x 6.0m RSB Grade 40		kgs	177.60	
#	16 G.I. Tie Wire		kgs	3.00	
<b>F.22 Counter Top Concrete Slab</b>					
20	- 10mmØ x 6.0m RSB Grade 40		kgs	74.00	
#	16 G.I. Tie Wire		kgs	2.00	
<b>F.23 Transformer Pad</b>					
52	- 16mmØ x 6.0m RSB Grade 40		kgs	492.41	
8	- 16mmØ x 7.5m RSB Grade 40		kgs	94.69	
16	- 12mmØ x 6.0m RSB Grade 40		kgs	85.22	
56	- 12mmØ x 7.5m RSB Grade 40		kgs	372.86	
20	- 10mmØ x 7.5m RSB Grade 40		kgs	92.48	
#	16 G.I. Tie Wire		kgs	11.00	
<b>Sub-Total for C (Material Cost)</b>					-

G.	Direct Unit Cost	(E + F) -----	
H.	Overhead, Contingencies & Misc. (OCM)	4% of G -----	-
I.	Contractor's Profit	8% of G -----	-
J.	VAT	5% (G + H + I) -----	-
K.	<b>ITEM TOTAL</b>	(G + H + I + J) -----	-
L.	<b>TOTAL UNIT COST</b>	(K / Total Qty) -----	

\_\_\_\_\_  
Signature

\_\_\_\_\_  
in the capacity of

Duly authorized to sign the Bid and on behalf of \_\_\_\_\_

60



CONTRACTOR'S LETTERHEAD HERE

### 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				
<b>Sub-Total for A (Cost of Labor)</b>					-

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

C.	Total (A+B)				
D.	Output per hour				
E.	Direct Unit Cost (C ÷ D)				

F.	Name and Specification	Unit	Quantity	Unit Cost	Amount
	<b>Materials</b>				
	<b>F.1 Foundation Level</b>				
	<b>Foundation V = 0.00 cu.m.</b>				
	Portland Cement	bags	553		
	Fine Aggregates	cu.m	30		
	Crushed Gravel	cu.m	60.84		
	<b>Foundation to Ground Floor Column V = 13.45 cu.m.</b>				
	Portland Cement	bags	122		
	Fine Aggregates	cu.m	7		
	Crushed Gravel	cu.m	13.45		
	<b>F.2 Ground Floor Level</b>				
	<b>Ground Beam V = 38.78 cu.m.</b>				
	Portland Cement	bags	353		
	Fine Aggregates	cu.m	19		
	Crushed Gravel	cu.m	38.78		
	<b>Slab On Ground Level V = 75.46 cu.m.</b>				
	Portland Cement	bags	686		
	Fine Aggregates	cu.m	38		
	Crushed Gravel	cu.m	75.46		

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LOCATION: CatSU Main Campus, Virac, Catanduanes

ITEM No. XIII

DESCRIPTION: STRUCTURAL CONCRETE (INCL LEAN CONCRETE)

TOTAL QUANTITY: 576.20

UNIT: cu.m

<b>Ground Floor to Second Floor Column</b>		<b>V = 34.95 cu.m.</b>			
Portland Cement	bags		318		
Fine Aggregates	cu.m		17		
Crushed Gravel	cu.m		34.95		
<b>F.3 Second Floor Level</b>					
<b>Second Floor Beam</b>		<b>V = 56.79 cu.m.</b>			
Portland Cement	bags		516		
Fine Aggregates	cu.m		28		
Crushed Gravel	cu.m		56.79		
<b>Slab On Second Floor Level</b>		<b>V = 70.08 cu.m.</b>			
Portland Cement	bags		637		
Fine Aggregates	cu.m		35		
Crushed Gravel	cu.m		70.08		
<b>Second Floor to Roofdeck Level Column</b>		<b>V = 30.94 cu.m.</b>			
Portland Cement	bags		281		
Fine Aggregates	cu.m		15		
Crushed Gravel	cu.m		30.94		
<b>F.4 Roof Deck Level</b>					
<b>Roof Deck Beam</b>		<b>V = 54.74 cu.m.</b>			
Portland Cement	bags		479		
Fine Aggregates	cu.m		26		
Crushed Gravel	cu.m		52.74		
<b>Slab On Roof Deck</b>		<b>V = 72.03 cu.m.</b>			
Portland Cement	bags		655		
Fine Aggregates	cu.m		36		
Crushed Gravel	cu.m		72.03		
<b>F.5 150mm thk R.C. Wall supporting Concrete Ramp</b>		<b>V = 4.15 cu.m.</b>			
Portland Cement	bags		38		
Fine Aggregates	cu.m		2		
Crushed Gravel	cu.m		4.15		
<b>F.6 Wall Footing-1 (WF-1)</b>		<b>V = 10.28 cu.m.</b>			
Portland Cement	bags		93		
Fine Aggregates	cu.m		5		
Crushed Gravel	cu.m		10.28		
<b>F.7 Wall Footing at Entrance</b>		<b>V = 1.58 cu.m.</b>			
Portland Cement	bags		14		