

PROJECT : Construction of a 2 Storey Building of the Institute of Tropical and Environmental Management

LOCATION : Main Campus, Baybay City

OWNER : Visayas State University

SUBJECT : BILL OF MATERIALS AND COST ESTIMATES

DESCRIPTION	QTY	UNIT	UNIT COST			TOTAL UNIT COST DIRECT	TOTAL AMOUNT (DC)	OVERHEAD/CONT MISCEL	TAX	PROFIT	TOTAL
			MATERIALS	LABOR	TOOLS/EQUIP						
1.0 MOBILIZATION	1	lot									100,000.00
2.0 EARTHWORKS											
a. Excavation	1	lot									110,000.00
b Filling Materials (Floor Area)	1	lot	1,250.00	375.00	62.50	1,687.50	1,687.50	84.38	151.88	253.13	250,000.00
c. Removal of Existing Structures	1	lot									200,000.00
3.0 FORMWORKS											
Forms and Scaffoldings (rental)	1	lot									1,050,000.00
4.0 CIVIL / STRUCTURAL & MASONRY WORKS											
a. Column Footings											
Cement, Portland	775	bags	240.00	72.00	12.00	324.00	251,100.00	12,555.00	22,599.00	37,665.00	323,919.00
Sand, washed	32	cu.m	1,000.00	300.00	50.00	1,350.00	43,200.00	2,160.00	3,888.00	6,480.00	55,728.00
Gravel, 3/4" Crushed	65	cu.m	1,000.00	300.00	50.00	1,350.00	87,750.00	4,387.50	7,897.50	13,162.50	113,197.50
20 mm dia x 6meter def. bars	325	pcs	550.00	165.00	27.50	742.50	241,312.50	12,065.63	21,718.13	36,196.88	311,293.13
Tie Wire # 16	32	kilos	65.00	19.50	3.25	87.75	2,808.00	140.40	252.72	421.20	3,622.32
b. Columns from footing to floor beams											
Cement, Portland	725	bags	240.00	72.00	12.00	324.00	234,900.00	11,745.00	21,141.00	35,235.00	303,021.00
Sand, washed	30	cu.m	1,300.00	390.00	65.00	1,755.00	52,650.00	2,632.50	4,738.50	7,897.50	67,918.50
Gravel, 3/4" Crushed	62	cu.m	1,300.00	390.00	65.00	1,755.00	108,810.00	5,440.50	9,792.90	16,321.50	140,364.90
20 mm dia x 6meter def. bars	1080	pcs	550.00	165.00	27.50	742.50	801,900.00	40,095.00	72,171.00	120,285.00	1,034,451.00
10 mm dia x 6meter def. bars	1105	pcs	140.00	42.00	7.00	189.00	208,845.00	10,442.25	18,796.05	31,326.75	269,410.05
Tie Wire # 16	235	kilos	65.00	19.50	3.25	87.75	20,621.25	1,031.06	1,855.91	3,093.19	26,601.41