

PROGRAM OF WORKS
BILL OF QUANTITIES

School	:		Date:		
School I.D	:		Budget Allocation:		
Region	:	CAR	Engineering and Administrative Overhead:		
Division	:		Approved Budget for the Contract:		
Project Title	:		Completion Period:		
REPAIR AND REHABILITATION OF ESCODA HALL			Minimum Required Manpower:		
			General Foreman	Welder	Carpenter
			Helper	Mason	Painter
			Project Engineer		
Location	:	Baguio Teachers Camp	Minimum Required Equipment:		
			Hand Tools	Welding Machine	
			One-Bagger Mixer	Bar Cutter	Dump Truck

Item No.	Description	% of Total	Unit	Quantity	Direct Cost		Adjusted Unit Cost (8)	Adjusted Total Cost (9)
					Total Cost (6)	Unit Cost (7) (6) / (5)		
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
A.	Facilities for the Engineer							
A.1	Temporary Facilities		Month	8.00				
B.	Other General Requirements							
B.1	Fire Safety Inspection Certificate (FSIC)		lot	1.00				
SPL 1	Project Billboard		Each	1.00				
SPL 2	Construction Safety and Health		Month	8.00				
C.	Mobilization and Demobilization							
C.1	Mobilization and Demobilization		Ls	1.00				
1.0000	Earthworks							
1 (a)	Clearing and Grubbing		sq.m	146.10				
1 (b)	Structural Excavation		cu m	44.60				
1 (c)	Backfilling of Excavated Materials		cu m	26.84				
1 (d)	Gravel Bedding G-1		cu m	7.33				
	Termite Control Works							
1 (f)	Soil Poisoning		L	5.00				
2.0000	Concreting Works (3000 psi)							
2 (a)	Demolition of reinforced concrete		cu m	2.00				
2 (b)	Structural Concrete (Footing and Slab on Fill)		cu m	4.13				
2 (c)	Structural Concrete (Footing Tie Beam, Column, Suspended Slab, Girder/ Beam)		cu m	21.78				
2 (d)	Structural Concrete (Main Entrance Steps, Ramp)		cu m	4.59				
3.0000	Rebar Works							
3 (a)	Reinforcing Steel Bar, Grade 40		kg	1,388.99				
4.0000	Formworks							
4 (a)	Installation and Removal of Formworks		sq.m	50.00				
5.0000	Masonry Works							
5 (b)	Masonry (100 mm CHB)		sq.m	162.45				
	Finishing Works							
5 (d)	Plain Cement Plaster Finish		sq.m	330.90				
5 (e)	Fireplace Stone Finish		sq.m	6.00				
5 (f)	Plain Cement Floor Finish		sq.m	17.13				
6.0000	Fabricated Materials and Hardware							
6 (a)	Removal of Door with Jamb		set	14.00				
6 (b)	Removal of Window with Jamb		sq m	15.76				
6 (c)	Wooden Panel Door		sq m	30.63				
6 (d)	Fire Rated Steel Door		sq m	3.05				
6 (e)	uPVC Windows		sq m	16.98				
6 (f)	Refurbishment/Repair of Windows		set	47.00				
6 (g)	Window Glass		sq.m	18.08				
6 (h)	Ramp Railing		Ls	1.00				
7.0000	Steel Works							
7 (a)	Metal Structure Accessories (Stair Railings, Window Grilles and Fire Exit Stairs)		kg	1,602.91				
8.0000	Roofing Works							
8 (a)	Removal of Metal Roofing		sq m	500.00				
8 (b)	Pre - painted Metal Sheets (Corrugated, Short Span/ Long Span, below 0.427 BMT/ above 0.427 BMT)		sq.m	560.00				
8 (e)	Fabricated Metal Roofing Accessory (Ridge/ Hip Rolls/ Flashing/ Counter Flashing/ Valley Roll)		m	39.04				
9.0000	Ceiling and Carpentry Works							
9 (c)	Removal of Wooden Floor Joist, Columns, Beams and Girders, Ceiling Joist and Fascia		bd.ft	864.00				
9 (d)	Removal of Partition		sq m	214.82				
9 (e)	Removal of Ceiling		sq m	470.60				
9 (f)	Refurbishment and Re-Installation of Removed (Good) Wooden Materials		bd.ft	1,318.00				

