

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 BACHELORS HALL		Minimum Required Manpower:	
		General Foreman	Welder Carpenter
		Helper	Mason Painter
		Project Engineer	Steel Man Safety Officer
Location :	Baguio Teachers Camp	Minimum Required Equipment:	
		Hand and Power Tools	Welding Machine
		One-Bagger Mixer	Bar Cutter Dump Truck

Item No.	Description	% of Total	Unit	Quantity	Direct Cost		Adjusted Unit Cost (8) / (5)	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	22.38				
1 (b)	Structural Excavation		cu m	48.16				
1 (c)	Backfilling of Excavated Materials		cu m	33.20				
1 (d)	Gravel Bedding G-1		cu m	12.78				
	Termite Control Works							
1 (f)	Soil Poisoning		L	2.00				
2.0000	Concreting Works (3000 psi)							
2 (a)	Demolition of reinforced concrete		cu m	1.37				
2 (b)	Structural Concrete (Footing and Slab on Fill)		cu m	4.80				
2 (c)	Structural Concrete (Footing Tie Beam, Column, Suspended Slab, Girder/ Beam)		cu m	17.77				
2 (d)	Structural Concrete (Main Entrance Steps, Ramp and Line Canal)		cu m	29.20				
3.0000	Rebar Works							
3 (a)	Reinforcing Steel Bar, Grade 40		kg	1,425.10				
3 (b)	Reinforcing Steel Bar, Grade 60		kgs	301.44				
4.0000	Formworks							
4 (a)	Installation and Removal of Formworks		sq.m	165.86				
5.0000	Masonry Works							
5 (a)	Demolition of Masonry Wall		sq m	128.00				
5 (b)	Masonry (100 mm CHB)		sq.m	133.72				
	Finishing Works							
5 (d)	Plain Cement Plaster Finish		sq.m	267.44				
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	30.36				
6 (c)	Wooden Panel Door		sq m	26.46				
6 (d)	Fire Rated Steel Door		sq m	3.05				
6 (e)	uPVC Windows		sq m	31.92				
6 (f)	Ramp Railing		Ls	1.00				
7.0000	Steel Works							
7 (a)	Metal Structure Accessories (Stair Railings, Window Grilles and Fire Exit Stairs)		kg	1,492.79				
8.0000	Roofing Works							
8 (a)	Removal of Metal Roofing		sq m	314.80				
8 (b)	Pre - painted Metal Sheets (Corrugated, Short Span/ Long Span, below 0.427 BMT/ above 0.427 BMT)		sq.m	400.80				
8 (e)	Fabricated Metal Roofing Accessory (Ridge/ Hip Rolls/ Flashing/ Counter Flashing/ Valley Roll)		m	39.04				
9.0000	Ceiling and Carpentry Works							
9 (a)	Removal of Wooden Truss/ Beams		bd.ft	526.00				
9 (b)	Removal of Wooden Purlins		bd.ft	236.50				
9 (c)	Removal of Wooden Floor Joist, Columns, Beams and Girders, Ceiling Joist and Fascia		bd.ft	2,361.77				
9 (d)	Removal of Partition		sq m	126.00				
9 (e)	Removal of Ceiling		sq m	198.00				
9 (f)	Refurbishment and Re-Installation of Removed (Good) Wooden Materials		bd.ft	720.00				

