## **PROGRAM OF WORKS**

DETAILED COST ESTIMATE (TOTAL CONSTRUCTION COST/ ABC)

PROJECT REPAIR AND REHABILITATION OF BACHELORS HALL SCHOOL LOCATION :Baguio Teachers Camp OWNER : DEPARTMENT OF EDUCATION

OWNER	: DEPARTMENT OF EDUCATION								CONTRAC	CT DURATION :		CD
ITEM		0114		ESTIMATED DIRECT	MARK-UPS IN PERCENT		TOTAL MARK-UP			TOTAL	ADJUSTED	ADJUSTED
NO.	DESCRIPTION	QUANTITY	UNIT	COST	ОСМ	PROFIT	%	VALUE	VAT (5%)	INDIRECT COST	TOTAL COST	UNIT COST
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8) (6) + (7)	(9) (5) x (8)	(10) 5% [(5) + (9)]	(11) (9) + (10)	(12) (5) + (11)	(13) (12) / (3)
Α.	Facilities for the Engineer											
A.1	Temporary Facilities	8.00	Month									
	Other General Requirements Fire Safety Inspection Certificate (FSIC)	1.00	lot									
	Project Billboard	1.00	Each									
	Construction Safety and Health	8.00	Month									
	Mobilization and Demobilization											
	Mobilization and Demobilization	1.00	Ls									
	Earthworks	22.38	0.0 m									
	Clearing and Grubbing Structural Excavation	48.16	sq.m cu m									
	Backfilling of Excavated Materials	33.20	cu m									
	Gravel Bedding G-1	12.78	cu m									
	Soil Poisoning	2.00	L									
	Concreting Works (3000 psi)	4.07										
	Demolition of reinforced concrete Structural Concrete (Footing and Slab on Fill)	1.37 4.80	cu m cu m									
	Structural Concrete (Footing Tie Beam, Column, Suspended											
2 (c)	Slab, Girder/ Beam)	17.77	cu m									L
2 (d)	Structural Concrete (Main Entrance Steps, Ramp and Line Canal)	29.20	cu m									
	Rebar Works											
	Reinforcing Steel Bar, Grade 40	1,425.10	kgs									
3 (b)	Reinforcing Steel Bar, Grade 60	301.44	kgs									
	Formworks	405.05										
4 (a) 5.0000	Installation and Removal of Formworks Masonry Works	165.86	sq.m									
	Masonry works Demolition of Masonry Wall	128.00	sq m									
	Masonry (100 mm CHB)	133.72	sq.m									
	Finishing Works											
	Plain Cement Plaster Finish	267.44	sq.m									
	Fabricated Materials and Hardware Removal of Door with Jamb	14.00	set									
	Removal of Door with Jamb Removal of Window with Jamb	30.36	set sq m									
	Wooden Panel Door	26.46	sqm									
	Fire Rated Steel Door	3.05	sq m									
	uPVC Windows	31.92	sq.m									
	Ramp Railing	1.00	Ls									
7.0000	Steel Works Metal Structure Accessories (Stair Railings, Window Grilles											
7 (a)	and Fire Exit Stairs)	1,492.79	kg									
	Roofing Works											
8 (a)	Removal of Metal Roofing	314.80	sq m									
8 (b)	Pre - painted Metal Sheets (Corrugated, Short Span/ Long Span, below 0.427 BMT/ above 0.427 BMT	400.80	sq.m									
	Fabricated Metal Roofing Accessory (Ridge/ Hip Rolls/											
	Flashing/ Counter Flashing/ Valley Roll)	39.04	m									
9.0000	Ceiling and Carpentry Works											
9 (a)	Removal of Wooden Truss/ Beams	526.00	bd.ft									
9 (b)	Removal of Wooden Purlins Removal of Wooden Floor Joist,Columns,Beams and Girders,	236.50	bd.ft									
9 (c)	Ceiling Joist and Fascia	2,361.77	bd.ft									
9 (d)	Removal of Partition	126.00	sq m		<u> </u>							
9 (e)	Removal of Partition	198.00	sq m									1
9 (f)	Refurbishment and Re-Installation of Removed (Good) Wooden Materials	720.00	bd.ft									
	Refurbishment and Re-Installation of Removed (Good)	152.00	sq.m									
	Wooden Materials		sq.m		L							
9 (h)	Woodgrained PVC Ceiling Panel on Metal Frame Ceiling	140.00	sq.m									
	Replacement for Damaged Wooden Columns, Wooden	4,535.50	bd. Ft									
9 (i) 9 (i)	Trusses, Purlins, Floor Joist and Flooring Phenolic/Apodized Aluminum on Aluminum Frame											
	Phenolic/Anodized Aluminum on Aluminum Frame	43.87	sq.m									
	4.5 mm/ 6.0 mm thk 4' x 8' Fiber Cement Board/ Marine Plywood/ 6.0 mm thk 4' x 8' Ordinary Plywood on Wooden	395.67	sq.m									
9 (k)	Frame Double Partition											
	4.5 mm/ 6.0 mm thk 4' x 8' Fiber Cement Board/ Marine Plywood/ 6.0 mm thk 4' x 8' Ordinary Plywood on Wooden Frame Reception Counter and Native Cloth Accent	40.00	sq.m									
	Electrical Works											
10 (a)	Conduit, Boxes and Fitting	1.00	Ls									
	Wires and Wiring Devices	1.00	Ls									
	Lighting Fixture/ Fixture	1.00	Ls									
	Panel Board and Cabinets Metering System	1.00	Ls set									
	Errection of Lamp Post and Installation of Solar Streetlight	2.00	рс		<u> </u>							
	Plumbing Works	2.00	pu									
	Waterline Works	1.00	Ls									
	Sanitary Works											
	Sewer Line Works	1.00	Ls									
	Sanitary/ Plumbing Fixtures	1.00	Ls									
13.0000	Painting Works				1							

13 (a)	Masonry Painting	133.72	sq.m					
13 (b)	Wooden Painting	1,320.00	sq.m					
13 (c)	Metal Painting	20.00	sq.m					
14.0000	Tile Works							
14 (a)	Glazed Tiles and Trims	84.72	sq.m					
14 (b)	Unglazed Tiles/ Granite Tiles/ Synthetic Granite Tiles	48.70	sq.m					
14 (c)	Chipping and Removal of Existing Tiles	112.87	sq.m					
15.0000	Waterproofing							
15 (a)	Waterproofing Cement Base- Membrane Type	14.59	sq.m					
16.0000	Electronics & Communications Works							
16 (a)	Fire Alarm System	1.00	Ls					
16(b)	CCTV System	1.00	Ls					
16( c)	Audio System (Pipe-In)	1.00	Ls					
	TOTAL CONSTRUCTION COST							

Prepared by:

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Contractor