

**PROGRAM OF WORKS  
DETAILED COST ESTIMATES**

PROJECT : REPAIR, REHABILITATION & RESTORATION OF BACHELORS HALL  
OFFICE : BAGUIO TEACHER'S CAMP  
LOCATION : BAGUIO CITY  
OWNER : DEPARTMENT OF EDUCATION

Item No.	DESCRIPTION	UNIT	QTY	UNIT COST		TOTAL COST		GRAND TOTAL
				MATERIAL	LABOR	MATERIAL	LABOR	
<b>I</b>	<b>INDIRECT COST</b>							
	<b>GENERAL REQUIREMENTS</b>							
	Mobilization/Temporary Structures, Utilities and Services/Demobilization	lot	1.00					
	Project Billboard	lot	1.00					
	Safety and Health/Equipment	lot	1.00		0.00		0.00	
	Fire Safety Inspection Certificate (FSIC)	lot	1.00	0.00		0.00		
	Hauling cost	lot	1.00	0.00		0.00		
	<b>Sub-total</b>							
<b>1.00</b>	<b>Earthworks</b>							
1.0100	Clearing and Grubbing	sq.m	22.38	0.00		0.00		
1.0200	Structural Excavation	cu.m	42.73	0.00		0.00		
1.0300	Backfilling and Compaction	cu.m	33.20	0.00		0.00		
1.0400	Gravel Bedding G-1	cu.m	12.78					
1.0500	Select Fill	cu.m	4.56					
1.0600	Soil Poisoning	sqm.	171.50					
	<b>Sub-total</b>							
<b>2.00</b>	<b>#REF!</b>							
	<b>Main Entrance Steps &amp; Ramp</b>	<b>cu.m</b>	<b>16.59</b>					
2.0200	Portland Cement	bag	150.00					
2.0300	Crushed Gravel 3/4"	cu.m	17.00					
2.0500	Washed Sand	cu.m	9.00					
	<b>Heat Pump Slab on Fill</b>	<b>cu.m</b>	<b>0.45</b>					
2.0200	Portland Cement	bag	5.00					
2.0300	Crushed Gravel 3/4"	cu.m	0.50					
2.0500	Washed Sand	cu.m	0.25					
	<b>Perimeter Walkway</b>	<b>cu.m</b>	<b>16.25</b>					
2.0200	Portland Cement	bag	147.00					
2.0300	Crushed Gravel 3/4"	cu.m	16.25					
2.0500	Washed Sand	cu.m	8.25					
	<b>Open Canal</b>	<b>cu.m</b>	<b>38.22</b>					
2.0200	Portland Cement	bag	344.00					
2.0300	Crushed Gravel 3/4"	cu.m	38.25					
2.0500	Washed Sand	cu.m	19.25					
	<b>Pedestal Columns</b>	<b>cu.m</b>	<b>2.25</b>					
2.0200	Portland Cement	bag	21.00					
2.0300	Crushed Gravel 3/4"	cu.m	2.25					
2.0500	Washed Sand	cu.m	1.25					
	<b>Retaining/RipRap Wall (at the Rear)</b>							
	<b>Column Footing</b>	<b>cu.m</b>	<b>4.25</b>					
2.0200	Portland Cement	bag	39.00					
2.0300	Crushed Gravel 3/4"	cu.m	4.25					
2.0500	Washed Sand	cu.m	2.25					
	<b>Beams</b>	<b>cu.m</b>	<b>4.34</b>					
2.0200	Portland Cement	bag	40.00					
2.0300	Crushed Gravel 3/4"	cu.m	4.50					
2.0500	Washed Sand	cu.m	2.25					
	<b>Columns</b>	<b>cu.m</b>	<b>2.36</b>					
2.0200	Portland Cement	bag	22.00					
2.0300	Crushed Gravel 3/4"	cu.m	2.50					
2.0500	Washed Sand	cu.m	1.25					
	<b>Sub-total</b>							
<b>3.00</b>	<b>#REF!</b>							
	<b>Main Entrance Steps</b>		216.36					
	<b>Perimeter Walkway</b>		230.61					
	<b>Open Canal</b>		1,364.37					
	<b>Pedestal Columns</b>		331.32					
	<b>Retaining/RipRap Wall (at the Rear)</b>							
	<b>Column Footing</b>		176.61					
	<b>Beams</b>		691.98					
	<b>Columns</b>		471.29					
3.0500	Deformed Round Bars, Grade 40	kg	3,482.54					
3.1200	G.I. Tie Wire	kg	140.00					
	<b>Sub-total</b>							
<b>4.00</b>	<b>Formworks</b>							

Item No.	DESCRIPTION	UNIT	QTY	UNIT COST		TOTAL COST		GRAND TOTAL
				MATERIAL	LABOR	MATERIAL	LABOR	
	<b>Retaining/RipRap Wall (at the Rear)</b>							
	<b>Beams</b>	<b>sq.m</b>	<b>15.84</b>					
4.0100	Coco Lumber	bd.ft	270.00					
4.0300	Plywood Ordinary, 1/2" x 4' x 8'	pc	5.00					
4.0400	CWN, Assorted	kg	4.00					
	<b>Columns</b>	<b>sq.m</b>	<b>12.70</b>					
4.0100	Coco Lumber	bd.ft	216.00					
4.0300	Plywood Ordinary, 1/2" x 4' x 8'	pc	4.00					
4.0400	CWN, Assorted	kg	4.00					
	<b>Sub-total</b>							
<b>5.00</b>	<b>#REF!</b>							
5.0100	Chipping Works	sqm	77.44	0.00		0.00		
	<b>For Main Entry Extension, Steps, Ramp &amp; Open Canal</b>							
	<b>Masonry Wall</b>	<b>sq.m</b>	<b>22.30</b>					
5.0300	CHB 4" thk	pc	279.00					
2.0200	Portland Cement	bag	12.00					
2.0500	Washed Sand	cu.m	1.00					
5.0400	10mm x 6m RSB	kg	30.00					
3.1200	G.I. Tie Wire	kg	1.00					
	<b>Plastering</b>	<b>sq.m</b>	<b>44.10</b>					
2.0200	Portland Cement	bag	15.00					
2.0500	Washed Sand	cu.m	2.00					
	<b>Floor Topping</b>	<b>sq.m</b>	<b>8.40</b>					
2.0200	Portland Cement	bag	6.00					
2.0500	Washed Sand	cu.m	1.00					
	<b>Front Base &amp; Pedestal Stone Finish</b>							
	Natural Stone (Boulders)	cu.m	6.00					
2.0200	Portland Cement	bag	9.00					
2.0500	Washed Sand	cu.m	2.00					
	<b>Retaining/RipRap Wall (at the Rear)</b>							
	Natural Stone (Boulders)	cu.m	14.00					
2.0200	Portland Cement	bag	35.00					
2.0500	Washed Sand	cu.m	8.00					
	<b>For Common Toilet</b>							
	<b>Masonry Wall for Toilet Rehabilitation</b>	<b>sq.m</b>	<b>99.93</b>					
5.0300	CHB 4" thk	pc	1,250.00					
2.0200	Portland Cement	bag	50.00					
2.0500	Washed Sand	cu.m	5.00					
5.0400	10mm x 6m RSB	kg	133.00					
3.1200	G.I. Tie Wire	kg	3.00					
	<b>Plastering</b>	<b>sq.m</b>	<b>185.86</b>					
2.0200	Portland Cement	bag	62.00					
2.0500	Washed Sand	cu.m	7.00					
	<b>Floor Topping</b>	<b>sq.m</b>	<b>33.40</b>					
2.0200	Portland Cement	bag	23.00					
2.0500	Washed Sand	cu.m	3.00					
	<b>Sub-total</b>							
<b>6.00</b>	<b>#REF!</b>							
6.0100	Removal of Door with Jamb	set	14.00	0.00		0.00		
6.0200	Removal of Window with Jamb	sq.m	11.20	0.00		0.00		
	<b>New Doors</b>							
	D-2, Flush Door 0.80m x 2.10m on 100mm Wooden Jamb complete with Accessories (lever type door knob)	set	9.00					
	D-3, Flush Door 0.80m x 2.10m on 100mm Wooden Jamb complete with Accessories (lever type door knob)	set	2.00					
	Main Panel Door 1.80m x 2.10m on 150mm Wooden Jamb complete with Accessories (Entrance, Handleset with Deadbolt)	set	1.00					
	<b>New Windows</b>							
	W - 1, (1.2m x 1.2m) uPVC (White) Casement Window (French Type) with Clear Glass on uPVC Jamb complete with Accessories	set	1.00					

Item No.	DESCRIPTION	UNIT	QTY	UNIT COST		TOTAL COST		GRAND TOTAL
				MATERIAL	LABOR	MATERIAL	LABOR	
	W - 3, (1.2m x 0.6m) uPVC (White) Awning Window with Clear Glass on uPVC Jamb complete with Accessories	set	4.00					
	<b>Rehabilitated Windows</b>							
	Bedrooms	set	14.00					
	Clear Glass Replacement	sqft	282.24					
	<b>Window Screens</b>							
	Insect Fiber Screen on Aluminum Powdercoated complete with Accessories	sqft	591.39					
	<b>Hardwares &amp; Accessories</b>							
	Entrance, Handleset with Deadbolt & Dummy Handle	set	1.00					
	Foot Bolt	set	2.00					
	Chain Bolt	set	2.00					
	Barrel Bolt, 4"	set	50.00					
	Hinges, Standard 3" x 3"	pair	60.00					
	<b>Sub-total</b>							
<b>7.00</b>	<b>Steel Works</b>							
	<b>Heat Pump Area</b>							
7.0090	LC 75 x 38 x 15 x 2.0mm	kg	136.50					
7.2610	G.I. Pipe 1-1/2"Ø Sch. 40	pc	4.00					
7.2600	G.I. Pipe 2"Ø Sch.40	pc	2.00					
7.1100	Steel Plate 1.20m x 2.40m x 6mm thk	pc	0.25					
7.1600	Anchor Bolt with Nuts and Washer, 12mmØ x 50mm x 150mm	pc	16.00					
7.3600	Welding Rod	kg	15.00					
	<b>Main Stair &amp; Ramp Railing</b>							
7.2610	G.I. Pipe 1-1/2"Ø Sch. 40	pc	8.00					
	2" x 3" x 1.2mm Tubular Bar	kg	236.68					
	1" x 1" x 1.2mm Tubular Bar	kg	132.48					
7.1060	Flat Bar 1 1/2" x 1/4"	kg	84.60					
7.1100	Steel Plate 1.20m x 2.40m x 6mm thk	pc	0.50					
7.1700	Anchor Bolt with Nuts and Washer, 10mmØ x 50mm x 125mm	pc	28.00					
7.3600	Welding Rod	kg	27.00					
	<b>Window Grilles</b>							
7.1901	Plain Round Bar 12mmØ x 6m	pc	102.00					
7.1050	Flat Bar 1" x 1/4"	kg	959.24					
	1"Wood Screw, Flat Head	pc	400.00					
7.3600	Welding Rod	kg	45.00					
	<b>Sub-total</b>							
<b>8.00</b>	<b>Roofing Works</b>							
8.0100	Removal of Roofing Sheets	m	372.60	0.00		0.00		
8.0200	Removal of Ridge Roll	pc	8.00	0.00		0.00		
8.0300	Removal of Flashing	pc	4.00	0.00		0.00		
8.0400	Removal of Gutter	pc	4.00	0.00		0.00		
8.0500	Removal of Fascia Board	pc	4.00	0.00		0.00		
	<b>Main Building Roofing</b>	<b>m</b>	<b>330.30</b>					
	Long-Span Roofing, Corrugated, Pre-Painted, 1220mm x 0.5mm thk	m	330.30					
	Flashing, Pre-Painted, Ordinary, 0.610m x 2.440m x 0.6mm thk	pc	9.00					
	Ridge Roll, Pre-Painted, Ordinary, 0.610m x 2.440m x 0.6mm thk	pc	14.00					
8.35	Teckscrew 2-1/2"	pc	1,080.00					
8.36	Roof Sealant	L	3.00					
8.37	Blind Rivets	pc	720.00					
	<b>Media Agua Roofing</b>	<b>m</b>	<b>48.50</b>					
	Long-Span Roofing, Corrugated, Pre-Painted, 1220mm x 0.5mm thk	m	48.50					
	Flashing, Pre-Painted, Ordinary, 0.610m x 2.440m x 0.6mm thk	pc	16.00					
8.35	Teckscrew 2-1/2"	pc	672.00					
8.36	Roof Sealant	L	2.00					
8.37	Blind Rivets	pc	280.00					
	<b>Canopy Roofing</b>	<b>m</b>	<b>42.30</b>					
	Long-Span Roofing, Corrugated, Pre-Painted, 1220mm x 0.5mm thk	m	42.30					
	Ridge Roll, Pre-Painted, Ordinary, 0.610m x 2.440m x 0.6mm thk	pc	3.00					
	Flashing, Pre-Painted, Ordinary, 0.610m x 2.440m x 0.6mm thk	pc	6.00					
8.35	Teckscrew 2-1/2"	pc	672.00					
8.36	Roof Sealant	L	2.00					
8.37	Blind Rivets	pc	280.00					

Item No.	DESCRIPTION	UNIT	QTY	UNIT COST		TOTAL COST		GRAND TOTAL
				MATERIAL	LABOR	MATERIAL	LABOR	
	<b>Roofing for Heat Pump Area</b>	<b>m</b>	<b>21.00</b>					
	Long-Span Roofing, Corrugated, Pre-Painted, 1220mm x 0.5mm thk	m	21.00					
	Ridge Roll, Pre-Painted, Ordinary, 0.610m x 2.440m x 0.6mm thk	pc	2.00					
	Flashing, Pre-Painted, Ordinary, 0.610m x 2.440m x 0.6mm thk	pc	3.00					
8.35	Teckscrew 2-1/2"	pc	210.00					
8.36	Roof Sealant	L	2.00					
8.37	Blind Rivets	pc	30.00					
	<b>Sub-total</b>							
<b>9.00</b>	<b>#REF!</b>							
	<b>Dismantling Works</b>							
9.0100	Removal of Ceiling	sq.m	119.80	0.00		0.00		
9.0090	Removal of Partition	sq.m	45.00	0.00		0.00		
	Removal of Damaged Wooden Columns	bd.ft.	248.00	0.00		0.00		
	<b>Fascia Replacement</b>							
9.1430	Fascia Board, Fiber Cement 12" x 8'	pc	75.00					
	1"x12" Wood Panels	bd.ft.	280.00					
4.0400	CWN, Assorted	kg	7.00					
	<b>Interior ceiling</b>							
	<b>Hallways and Bedrooms (GF &amp; 2F)</b>	<b>sq.m</b>	<b>129.20</b>					
9.1000	Metal Double Furring Channel (19mm x 50mm x 5m x 0.5mm thk)	pc	52.00					
9.0800	Metal Carrying Channel (12mm x 38mm x 5m x 0.8mm thk)	pc	25.00					
9.1100	Wall Angle	pc	29.00					
9.1200	Preformed Wire Clip	pc	106.00					
9.1300	Rod Suspension Hanger with Adjustment Spring	pc	106.00					
9.1310	Steel Angle	pc	106.00					
9.2200	Concrete Nails	kg	2.00					
8.1100	Blind Rivets	pc	435.00					
9.0900	Fiber Cement Ceiling Board (4.5 mm thk)	pc	144.00					
	<b>Main Entry Canopy &amp; Roof Eaves</b>	<b>sq.m</b>	<b>76.54</b>					
9.1000	Metal Double Furring Channel (19mm x 50mm x 5m x 0.5mm thk)	pc	31.00					
9.0800	Metal Carrying Channel (12mm x 38mm x 5m x 0.8mm thk)	pc	15.00					
9.1100	Wall Angle	pc	17.00					
9.1200	Preformed Wire Clip	pc	63.00					
9.1300	Rod Suspension Hanger with Adjustment Spring	pc	63.00					
9.1310	Steel Angle	pc	63.00					
9.2200	Concrete Nails	kg	1.00					
8.1100	Blind Rivets	pc	258.00					
9.0900	Fiber Cement Ceiling Board (4.5 mm thk)	pc	114.00					
	<b>Wood Replacement</b>							
	<b>Replacement for Wooden Columns</b>							
	6"x6" Hardwood Columns	bd.ft.	320.00					
	Machine bolts with nuts and washers 20mm $\phi$ x 350mm	pc	40.00					
	Metal Strap 75mm x 800mm x 6mm thk	set	12.00					
	<b>Replacement for Wooden Trusses</b>							
	2"x 6" Hardwood Purlins	bd.ft.	360.00					
	2"x 3" Hardwood Purlins	bd.ft.	240.00					
	2"x 8" Hardwood Truss Chord Member	bd.ft.	280.00					
4.0400	CWN, Assorted	kg	15.00					
9.1900	Wood Preservative, Brown	L	12.00					
	<b>Replacement for T&amp;G Flooring</b>							
	T&G 1" x 4"	bd.ft.	480.00					
4.0400	CWN, Assorted	kg	6.00					
9.2100	Finishing Nails	kg	10.00					
	<b>Additional &amp; Replacement for Media Aguas</b>							
	2"x 4" Hardwood Purlins	bd.ft.	360.00					
	2"x 3" Hardwood Purlins	bd.ft.	320.00					
9.1430	Fascia Board, Fiber Cement 12" x 8'	pc	33.00					
4.0400	CWN, Assorted	kg	14.00					
9.1900	Wood Preservative, Brown	L	7.00					
	<b>Replacement for Mouldings &amp; Cornices</b>							
	1"x2" S4S Lumber	bd.ft.	180.00					
	1"x4" S4S Lumber	bd.ft.	270.00					
9.2100	Finishing Nails	kg	6.00					
4.0400	CWN, Assorted	kg	9.00					

Item No.	DESCRIPTION	UNIT	QTY	UNIT COST		TOTAL COST		GRAND TOTAL
				MATERIAL	LABOR	MATERIAL	LABOR	
	<b>Replacement for Wall Panels</b>							
	1"x8" Wood Panels	bd.ft.	940.00					
	1"x4" S4S Lumber	bd.ft.	560.00					
9.0200	Plywood, Ordinary 1/4" x 4' x 8'	pc	165.00					
9.1700	Rough Lumber, Sun Dried, Tanguile	bd.ft.	540.00					
4.0400	CWN, Assorted	kg	170.00					
	<b>Others</b>							
	<b>Native Cloth Accent</b>							
	Traditional Native Cloth, 4" wide	yd	145.00					
9.0200	Plywood, Ordinary 1/4" x 4' x 8'	pc	5.00					
	Rough Lumber, Sun Dried, Tanguile	bd.ft.	214.00					
9.2100	Finishing Nails	kg	5.00					
	<b>Bedroom Cabinets &amp; Table</b>							
9.0300	Plywood, Ordinary 1/2" x 4' x 8'	pc	7.00					
9.0400	Plywood, Ordinary 3/4" x 4' x 8'	pc	55.00					
	Rough Lumber, Sun Dried, Tanguile	bd.ft.	74.00					
4.0400	CWN, Assorted	kg	8.00					
9.2100	Finishing Nails	kg	8.00					
	16" Metal Drawer Guide, Heavy Duty, Full Extension Ball Bearing Type	set	9.00					
	Felt Roller (4 roller per set)	set	9.00					
	Metal Felt Guide (6m length)	length	18.00					
	Chrome Flush type Door Handle	pc	18.00					
	3/4"Ø Chrome Flange	pc	18.00					
	3/4"Ø Chrome Bar (6m)	length	4.00					
	<b>Wooden Trim for Toilets</b>							
	Rough Lumber, Sun Dried	bd.ft.	64.00					
	Sanding Sealer	gal	3.00					
4.0400	CWN, Assorted	kg	4.00					
	<b>Reception Counter</b>							
9.0400	Plywood, Ordinary 3/4" x 4' x 8'	pc	5.00					
9.0200	Plywood, Ordinary 1/4" x 4' x 8'	pc	2.00					
	Rough Lumber, Sun Dried, Tanguile	bd.ft.	80.00					
	Concealed Hinges	pair	8.00					
	Cabinet Lock	set	2.00					
4.0400	CWN, Assorted	kg	4.00					
9.2100	Finishing Nails	kg	4.00					
	<b>Toilet Partition</b>							
	Phenolic Toilet Door & Partition, including Accessories (Lock and Brackets)	sqm	24.14					
	Anodized Aluminum Stucco Sheet on Anodized Aluminum Frame including Accessories (Brackets)	sqm	19.73					
	<b>Sub-total</b>							
<b>10.00</b>	<b>#REF!</b>							
	<b>Roughing-ins</b>							
10.0200	Electrical Conduit uPVC, 20mmØ	pc	115.00					
10.0210	Electrical Conduit uPVC, 25mmØ	pc	45.00					
	RSC 50mmØ	pc	4.00					
	Entrance Cap 2"	pc	1.00					
	Junction Box, 4" x 4" PVC	pc	75.00					
	Utility Box, 2" x 4" PVC	pc	40.00					
	Grounding Rod	pc	1.00					
	<b>Wires &amp; Fixtures</b>							
10.1600	3.5 mm² THHN Wire, Stranded	m	1,347.00					
	5.5 mm² THHN Wire, Stranded	m	65.00					
10.1800	22.0 mm² THHN Wire, Stranded	m	55.00					
10.2700	Duplex Convenience Outlet, Grounding type, 20A, 250V	set	28.00					
10.3000	Single Convenience Outlet, Grounding Type, 15 AMP, 230V (EF)	set	6.00					
10.2900	Single Pole Wall Switch in One Switch Plate (10 AMP, 230V)	set	9.00					
10.3100	2 Single Pole Wall Switches in One Switch Plate (10 AMP, 230V)	set	4.00					
10.3300	Three Way Wall Switch, 1-Gang (10 AMP, 230 V)	set	2.00					
	Three Way Wall Switch, 2-Gang (10 AMP, 230 V)	set	2.00					
	6" mm Ø 18 Watts, Circular LED Downlight (Daylight)	set	20.00					
	4" mm Ø 12 Watts, Circular LED Downlight (Cool White)	set	10.00					
	4" Surface Downlight, Tubular, with 12w LED Bulb	set	4.00					
	8" Surface Downlight, Tubular, with 12w LED Bulb	set	7.00					
	Industrial Type Housing, with 1 x 18 Watts T8 LED	set	1.00					
	Post Lamp with 12w LED Bulb	set	2.00					
	Chandelier, 3 Bracket with LED Bulb	set	2.00					
10.3800	Panel Box, Flush Type, Center main, 14 branches	set	1.00					
	Circuit Breaker, 20A 2P, Bolt-on	set	10.00					
	Circuit Breaker, 40A 2P, Bolt-on	set	1.00					
	Circuit Breaker, 100A 2P, Bolt-on	set	1.00					
	70AT, 2P, MTS, Breaker Type	set	1.00					

Item No.	DESCRIPTION	UNIT	QTY	UNIT COST		TOTAL COST		GRAND TOTAL
				MATERIAL	LABOR	MATERIAL	LABOR	
10.5500	Electrical Tape	roll	34.00					
	<b>Water Heater</b>							
	Heat Pump Water Heater, 2.7 Kw 220-240v, with Control Board	unit	1.00					
	Calorifier Tank – 130 Gal Storage	unit	1.00					
	Re-circulating Pump	unit	1.00					
	<b>Sub-total</b>							
<b>11.00</b>	<b>#REF!</b>							
	<b>Dismantling &amp; Re-installation of Existing Fixtures</b>							
	Dismantling of Existing Water Closets	set	6.00	0.00		0.00		
	Dismantling of Existing Lavatories	set	2.00	0.00		0.00		
	<b>Fixtures &amp; Accessories</b>							
11.0200	Water Closet 1.6gpf with Accessories (Dual Flush)	set	6.00					
	Lavatory, Wall Hung Type with Accessories	set	2.00					
	Shower Set, 3-Way Valve (H/C) with Shower Head	set	4.00					
11.4410	S.S. Floor Drain 4" x 4"	set	12.00					
11.4300	Tissue Holder	pc	6.00					
	Soap Holder	pc	6.00					
	Bidet Faucet, rotating head, complete with Accessories	set	6.00					
	<b>Pipes &amp; Fittings</b>							
11.0800	PP-R Pipe 1-1/4"Ø x 4.0m	pc	10.00					
11.0900	PP-R Pipe 1"Ø x 4.0m	pc	3.00					
11.1000	PP-R Pipe 3/4"Ø x 4.0m	pc	8.00					
11.1300	PP-R Coupling, 1-1/4"Ø	pc	10.00					
11.1400	PP-R Coupling, 1"Ø	pc	3.00					
11.1500	PP-R Coupling, 3/4"Ø	pc	8.00					
11.1900	PP-R Elbow 90° x 1-1/4"Ø	pc	8.00					
11.2000	PP-R Elbow 90° x 1"Ø	pc	3.00					
11.2100	PP-R Elbow 90° x 3/4"Ø	pc	8.00					
11.2600	PP-R Tee, 3/4"Ø	pc	10.00					
	PP-R Tee Reducer, 1-1/4" x 1"Ø	pc	2.00					
	PP-R Tee Reducer, 1-1/4" x 3/4"Ø	pc	6.00					
11.2900	PP-R Tee Reducer, 1" x 3/4"Ø	pc	4.00					
11.3300	PP-R Plug, 3/4"Ø	pc	6.00					
11.3500	Gate Valve, 1-1/4"Ø	pc	1.00					
11.3800	Gate Valve, 3/4"Ø	pc	3.00					
11.4400	S.S. Grab Rail 1-1/2"Ø	set	2.00					
	Three-way Angle Valve, 1/2" x 1/2" x 1/2"	pc	6.00					
11.4200	Teflon Tape	pc	6.00					
11.4500	Mirror	sqft	15.50					
	<b>Sub-total</b>							
<b>12.00</b>	<b>#REF!</b>							
	<b>Pipes &amp; Fittings</b>							
12.0200	Stainless Steel Vent Protection Screen, 6"	pc	4.00					
12.0400	PVC Sanitary Pipe 6"Ø x 3.0m	pc	20.00					
12.0500	PVC Sanitary Pipe 4"Ø x 3.0m	pc	14.00					
12.0700	PVC Sanitary Pipe 2"Ø x 3.0m	pc	10.00					
12.1100	PVC Sanitary Elbow 90° x 2"Ø	pc	6.00					
12.1300	PVC Sanitary Elbow 1/8 x 4"Ø	pc	1.00					
12.1600	PVC Sanitary Wye 4" x 4"	pc	10.00					
	PVC Sanitary Wye Reducer 6" x 4"	pc	3.00					
12.2000	PVC Sanitary Wye Reducer 4" x 2"	pc	12.00					
12.2200	PVC Sanitary Tee 2" x 2"	pc	5.00					
	PVC Sanitary Tee Reducer 2" x 1-1/4"	pc	3.00					
	PVC Cleanout 6" x 6"	pc	3.00					
	PVC Cleanout 4" x 4"	pc	3.00					
12.2400	Brass Cleanout 4" x 4"	pc	2.00					
12.2500	Brass Cleanout 2" x 2"	pc	1.00					
12.2700	PVC P-Trap 2"	pc	12.00					
	Stainless Steel P-Trap 1-1/4"	pc	10.00					
12.2800	Closet Bend, 4"	pc	10.00					
12.3000	PVC Cement	can	12.00					
	<b>Others</b>							
	<b>New Septic Vault</b>							
	<b>Septic Vault</b>							
	Linear Low Density Polyethylene (LLDPE) Septic Vault, 2000L	set	1.00					

Item No.	DESCRIPTION	UNIT	QTY	UNIT COST		TOTAL COST		GRAND TOTAL
				MATERIAL	LABOR	MATERIAL	LABOR	
	<b>Excavation Works</b>							
1.0100	Clearing and Grubbing	sq.m	6.00	0.00		0.00		
1.0200	Structural Excavation	cu.m	18.00	0.00		0.00		
2.0300	Crushed Gravel 3/4"	cu.m	9.00					
2.0500	Washed Sand	cu.m	5.00					
	<b>Concreting Works</b>							
	<i>Slab on Fill</i>	<i>cu.m</i>	<i>0.79</i>					
2.01	Portland Cement	bag	8.00					
2.0300	Crushed Gravel 3/4"	cu.m	1.00					
2.0500	Washed Sand	cu.m	0.50					
	<b>Manhole Cover</b>	<b>cu.m</b>	<b>0.05</b>					
2.01	Portland Cement	bag	1.00					
2.0300	Crushed Gravel 3/4"	cu.m	0.25					
2.0500	Washed Sand	cu.m	0.25					
	<b>Rebar Works</b>							
	<i>Manhole Cover</i>	<i>kg</i>	<i>18.51</i>					
	<i>Slab on Fill</i>	<i>kg</i>	<i>51.82</i>					
3.0500	Deformed Round Bars, Grade 40	kg	81.38					
3.1200	G.I. Tie Wire	kg	3.00					
	<b>Masonry Works</b>							
	<i>Septic Wall</i>	<i>sq.m</i>	<i>9.50</i>					
5.0200	CHB 6" thk	bag	125.00					
2.0200	Portland Cement	cu.m	10.00					
2.0500	Washed Sand	cu.m	3.00					
5.0400	10mm x 6m RSB	kg	95.88					
3.1200	G.I. Tie Wire	kg	6.00					
	<i>Manhole Wall</i>	<i>sq.m</i>	<i>2.44</i>					
5.0200	CHB 6" thk	bag	31.00					
2.0200	Portland Cement	cu.m	3.00					
2.0500	Washed Sand	cu.m	1.00					
5.0400	10mm x 6m RSB	kg	15.98					
3.1200	G.I. Tie Wire	kg	1.00					
	<i>Plastering</i>	<i>sq.m</i>	<i>1.44</i>					
2.0200	Portland Cement	cu.m	1.00					
2.0500	Washed Sand	cu.m	1.00					
	<b>Sub-total</b>							
<b>13.00</b>	<b>#REF!</b>							
	<b>Scraping and Re-sanding</b>							
	Paint Remover	gal	58.00					
	Sanding paper	yrd	228.00					
	<b>Scaffoldings</b>							
9.1700	Rough Lumber, Sun Dried, Tanguile	bd.ft.	1,540.00					
4.0400	CWN, Assorted	kg	20.00					
	<b>Concrete &amp; Ceiling Surfaces</b>	<b>sq.m</b>						
13.1800	Neutralizer	gal	6.00					
13.0200	Latex, Flat	gal	26.00					
13.0300	Masonry Putty	gal	15.00					
13.0400	Latex, Semi Gloss	gal	52.00					
13.0500	Acri Color	gal	10.00					
	<b>Interior/Exterior Surfaces</b>	<b>sq.m</b>						
	Acrylic Solvent Based Penetrating Sealer	gal	67.00					
	Acrylic Solvent Based Cast	gal	52.00					
	Acrylic Solvent Base Putty Filler	gal	32.00					
	Acrylic Solvent Reducer	gal	83.00					
	Acrylic Solvent Based Primer	gal	83.00					
	Acrylic Solvent Based Top Coat (Light, Semi-Gloss)	gal	165.00					
	Acrylic Solvent Based Top Coat (Dark, Semi-Gloss)	gal	30.00					
	<b>Metal Surfaces</b>	<b>sq.m</b>						
13.1100	Primer, Zinc Chromate	gal	22.00					
	Body Filler	gal	5.00					
	Enamel, Quick Dry	gal	44.00					
13.0900	Paint Thinner	gal	30.00					
	<b>Varnishing Surfaces</b>	<b>sq.m</b>						
	Sanding Sealer	gal	20.00					
	Lacquer Flo	gal	10.00					
	Lacquer Clear Top Coat	gal	20.00					
	Wood Filler	lit	10.00					
	Acrylic Top Coat (Clear)	gal	6.00					
13.1000	Lacquer Thinner	gal	27.00					
	<b>Sub-total</b>							
<b>14.00</b>	<b>#REF!</b>							
	<b>Chipping Works</b>							
	Chipping & removing of Existing Tiles	sqm	108.27	0.00		0.00		
5.0100	Demolition of Masonry Wall	sqm	99.93	0.00		0.00		

Item No.	DESCRIPTION	UNIT	QTY	UNIT COST		TOTAL COST		GRAND TOTAL
				MATERIAL	LABOR	MATERIAL	LABOR	
	<b>Main Entry</b>							
	<b>Flooring</b>	<b>sq.m</b>	<b>10.35</b>					
	Unpolished/Non-skid Homogeneous Floor Tile, 60cm x 60cm	pc	30.00					
14.0300	Tile Adhesive 25 kg/bag	bag	2.00					
14.0500	Tile Grout 5 kg/bag	bag	1.00					
	<b>Male Common Toilet</b>							
	<b>Wall</b>	<b>sq.m</b>	<b>25.81</b>					
	Glazed Wall Tile, 30cm x 30cm	pc	296.00					
14.16	Tile Adhesive 25 kg/bag	bag	5.00					
14.15	Tile Grout 5 kg/bag	bag	2.00					
	<b>Flooring</b>	<b>sq.m</b>	<b>14.35</b>					
	Unglazed Floor Tile, 30cm x 30cm	pc	165.00					
14.0300	Tile Adhesive 25 kg/bag	bag	3.00					
14.0500	Tile Grout 5 kg/bag	bag	2.00					
	<b>Female Common Toilet</b>							
	<b>Wall</b>	<b>sq.m</b>	<b>25.81</b>					
	Glazed Wall Tile, 30cm x 30cm	pc	296.00					
14.16	Tile Adhesive 25 kg/bag	bag	5.00					
14.15	Tile Grout 5 kg/bag	bag	2.00					
	<b>Flooring</b>	<b>sq.m</b>	<b>14.35</b>					
	Unglazed Floor Tile, 30cm x 30cm	pc	165.00					
14.0300	Tile Adhesive 25 kg/bag	bag	3.00					
14.0500	Tile Grout 5 kg/bag	bag	2.00					
	<b>Others</b>							
	Resanding & Resealing of T&G Floor @ GF	sqft	844.44					
	Resanding & Resealing of T&G Floor @ 2F	sqft	844.44					
	Resanding & Resealing of Wooden Main Stairs (2)	sqft	113.02					
	<b>Sub-total</b>							
<b>15.00</b>	<b>Waterproofing</b>							
	Cold process, Water-based, Polymerized Seamless Rubberized Membrane Type							
a.	2F Common Toilet	sqm	34.83					
	<b>Sub-total</b>							
<b>16.00</b>	<b>Electronic &amp; Communication Works</b>							
	<b>Fire Alarm System</b>							
10.5100	Fire Alarm Bell, Vibrating Type, 8"	set	2.00					
10.5200	Fire Alarm Station, Manual Single Action	set	2.00					
	Smoke Detector	set	14.00					
10.5300	Fire Alarm Control Panel, One Zone	set	1.00					
	2 Beam Emergency Light	set	2.00					
	<b>CCTV System</b>							
	Cable Wires, Category 6	mtr	350.00					
	BNC Connector	pc	8.00					
	Ground Loop Isolator	set	8.00					
	<b>Audio System (Pipe-In)</b>							
	HDMI Cable	mtr	75.00					
	HDMI Splitter with Video Amplifier/Extender (4 input)	unit	4.00					
	Audio Cable	roll	0.75					
	<b>Sub-total</b>							
<b>I</b>	<b>DIRECT COST</b>							
<b>II</b>	<b>INDIRECT COST 17% of (I less Item "i")</b>							
<b>III</b>	<b>TAX 5% of (I + II)</b>							
<b>IV</b>	<b>TOTAL CONSTRUCTION COST (I + II + III)</b>							

Prepared:

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Contractor/Bidder/Supplier

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