

# VARIATION 1

## Bill of Quantities

PROJECT: Design and Renovation of BOC Building, Port of Clark  
 LOCATION: Clark Freeport, Mabalacat, Pampanga

DESCRIPTION	QTY		MATERIAL COST		LABOR COST	TOTAL
	# Units	UM	Per Unit	Total		
<b>A. Concrete and Masonry Works</b>						
4" Concrete Hollow Block	270.00	pcs	20.00	5,400.00	1,890.00	7,290.00
Portland Cement	15.00	bags	280.00	4,200.00	1,470.00	5,670.00
Sand	0.80	cu.m	1,500.00	1,200.00	420.00	1,620.00
6m Length - 10mm Deformed Reinforcing Bar	9.00	pcs	185.00	1,665.00	582.75	2,247.75
Gl. Tie Wire #16	1.00	kgs	85.00	85.00	29.75	114.75
<b>Cement Plaster Finish - 2 faces:</b>						
Portland Cement	12.00	bags	280.00	3,360.00	1,176.00	4,536.00
Fine Sand	1.20	cu.m	1,700.00	2,040.00	714.00	2,754.00
				17,940.00	6,381.75	24,321.75
<b>B. Floor and Tiling Works</b>						
60cm x 60cm wall and floor tiles	90.00	pcs	380.00	34,200.00	11,970.00	46,170.00
Portland Cement	10.00	bags	280.00	2,800.00	980.00	3,780.00
Tile adhesive (25 kg)	5.00	bags	470.00	2,350.00	822.50	3,172.50
Tile grout	5.00	bags	95.00	475.00	166.25	641.25
Sand	0.60	cu.m	1,700.00	1,020.00	478.00	1,498.00
				31,065.00	14,416.75	45,481.75
<b>C. Electrical Works</b>						
<b>Wiring and Wiring Devices</b>						
3.5 mm <sup>2</sup> Electric Wire THHN Stranded	1.00	box	4,700.00	4,700.00	1,645.00	6,345.00
1-Gang Switch, 16A, 250V	3.00	pcs	250.00	750.00	262.50	1,012.50
LED Square Panel Light 12W (Recessed)	3.00	pcs	850.00	2,550.00	892.50	3,442.50
Exhaust Fan 10" Ceiling Mounted w/ Flexible pipe Ducting	3.00	sets	2,500.00	7,500.00	2,625.00	10,125.00
				15,500.00	5,425.00	20,925.00
<b>D. Plumbing Works</b>						
<b>Fixtures:</b>						
Water Closet	3.00	sets	8,500.00	25,500.00	8,925.00	34,425.00
Urinal	1.00	set	3,800.00	3,800.00	1,330.00	5,130.00
lavatory	3.00	sets	5,950.00	17,850.00	6,247.50	24,097.50
Pipes and fittings/Roughing-ins	1.00	lot	5,000.00	5,000.00	-	5,000.00
				42,150.00	16,502.50	58,652.50
<b>E. Carpentry Works</b>						
Fiber Cement Board 9mm	4.00	sh/s	1,200.00	4,800.00	1,680.00	6,480.00
Metal Furring (3m length)	7.00	lgh	180.00	1,260.00	441.00	1,701.00

Carrying Channel (3m length)	4.00	lgth	95.00	380.00	133.00	513.00
Channel Clip	36.00	pcs	5.00	180.00	63.00	243.00
Blind Rivet	90.00	pcs	2.00	180.00	-	180.00
Metal Screw	24.00	pcs	2.00	48.00	-	48.00
Wall Angle -- 3m Length	2.00	lgth	75.00	150.00	-	150.00
			<b>Sub-total</b>	<b>8,998.00</b>	<b>2,317.00</b>	<b>9,315.00</b>
<b>F. Finished Hardware</b>						
Automatic-sliding tempered glass door	2.00	sets	320,000.00	640,000.00	32,000.00	672,000.00
PVC Door	3.00	sets	3,500.00	10,500.00	625.00	11,025.00
			<b>Sub-total</b>	<b>653,500.00</b>	<b>32,625.00</b>	<b>686,125.00</b>
<b>G. Painting Works</b>						
<b>Concrete wall:</b>						
Flat Latex	3.00	gale	750.00	2,250.00	787.50	3,037.50
Semi-Gloss Latex (double coat)	5.00	gale	800.00	4,800.00	1,680.00	6,480.00
Skim coat (25 kg)	1.00	bag	550.00	550.00	182.50	742.50
Paint Thinner	1.00	gal	320.00	320.00	112.00	432.00
Paint Brush	1.00	lot	660.00	660.00	-	660.00
Paint Roller	1.00	lot	650.00	650.00	-	650.00
Drop cloths	1.00	lot	300.00	300.00	-	300.00
Paint tray	1.00	lot	500.00	500.00	-	500.00
Sandpaper	1.00	lot	300.00	300.00	-	300.00
			<b>Sub-total</b>	<b>10,320.00</b>	<b>2,772.00</b>	<b>13,092.00</b>
<b>H. Others</b>						
Waterproofing	1.00	lot	250,000.00	250,000.00	87,500.00	337,500.00
			<b>Sub-total</b>	<b>250,000.00</b>	<b>87,500.00</b>	<b>337,500.00</b>

Submitted by:



**HUMBERTO T. BANAL**  
 AUTHORIZED MANAGING OFFICER  
 Quezon Achievers Construction Corporation

<b>Direct Cost</b>	
Material Cost	1,044,603.00
Labor Cost	187,738.75
<b>Total Direct Cost</b>	<b>1,232,341.75</b>
<b>Indirect Cost</b>	
Contractors Profit (10% of DC)	121,234.18
<b>Total Indirect Cost</b>	<b>121,234.18</b>
<b>Tax (8% of DC+IC)</b>	<b>84,978.50</b>
<b>TOTAL PROJECT COST</b>	<b>1,438,554.43</b>

Amount in Words:

One Million Four Hundred Thousand Two Hundred Fifty-Four Pesos and Seventy-Two Centavos