

Republic of the Philippines
MARIANO MARCOS STATE UNIVERSITY
 City of Batang, 2906, Ilocos Norte

DETAILED ESTIMATES

Item No.: 1	Quantity:
Description: Demolition Works	Unit:
	lot

MATERIALS COST	Quantity	Unit	Unit Price	Sub-Total
Demolition of CHB Wall				
Chipping of CHB Wall				
Removal of Roofing System				
Removal of Ceiling System				
Total Materials Cost			Sub-Total	
			Unit Cost	
Description	Quantity	Unit	Unit Price	Sub-Total
EQUIPMENT COST	Quantity	Unit	Unit Price	Sub-Total
Total Equipment Cost			Sub-Total	
			Unit Cost	
Description	Quantity	Unit	Unit Price	Sub-Total
LABOR COST	Quantity	Unit	Unit Price	Sub-Total
Construction Foreman		days		
Skilled Laborer		days		
Unskilled Laborer		days		
Total Labor Cost			Sub-Total	
			Unit Cost	

DIRECT COST:
 DIRECT UNIT COST:

Plus Indirect Cost:
 OCM
 CP
 VAT
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Total Direct and Indirect Cost:
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DETAILED ESTIMATES

Item No. : III	Quantity:	
Description: Drywall Partition	Unit:	m²
MATERIALS COST	Quantity	Unit
Description	Quantity	Unit
6mm Thk. Fiber Cement Board		pcs
0.60mm Thk. 35mm x 76mm Metal Studs		pcs
0.60mm Thk. 35mm x 76mm Metal Track		pcs
Rivets		pcs
Metal Screw, 1"		pcs
Total Materials Cost		Sub-Total
		Unit Cost
Description	Quantity	Unit
		Unit Price
		Sub-Total
EQUIPMENT COST		
Description	Quantity	Unit
		Unit Price
		Sub-Total
Total Equipment Cost		Sub-Total
		Unit Cost
LABOR COST		
Description	Quantity	Unit
Construction Foreman		days
Skilled Laborer		days
Unskilled Laborer		days
Total Labor Cost		Sub-Total
		Unit Cost

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DETAILED ESTIMATES

Item No.: II	Quantity:				
Description: Tile Works	Unit:	m ²			
MATERIALS COST	Description	Quantity	Unit	Unit Price	Sub-Total
	Granite Tiles, 600mm x 600mm		pcs		
	Cement		bags		
	Sand		cu.m		
	Tile Grout		bags		
	Tile Adhesive		bags		
	Total Materials Cost			Sub-Total	
				Unit Cost	
EQUIPMENT COST	Description	Quantity	Unit	Unit Price	Sub-Total
	Total Equipment Cost			Sub-Total	
				Unit Cost	
LABOR COST	Description	Quantity	Unit	Unit Price	Sub-Total
	Construction Foreman		days		
	Skilled Laborer		days		
	Unskilled Laborer		days		
	Total Labor Cost			Sub-Total	
				Unit Cost	

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DETAILED ESTIMATES

Item No.:	IV	Quantity:	lot
Description: Doors and Windows		Unit:	
Doors			
10mm Thk. Glass Aluminum Frame Powder Coated Double Swing Door with 8mm Thk. Fixed Panel Glass Panel and Transom, 2.35m x 3.10m (See Plan for details)		sets	
10mm Thk. Glass Aluminum Frame Powder Coated Double Swing Door, 2.20m x 1.90m (See Plan for details)		sets	
10mm Thk. Glass Aluminum Frame Powder Coated Swing Door with Frosted Sticker, 2.35m x 1.10m (See Plan for details)		sets	
10mm Thk. Glass Aluminum Frame Powder Coated Swing Door with Frosted Sticker, 2.35m x 1.00m (See Plan for details)		sets	
10mm Thk. Glass Aluminum Frame Powder Coated Swing Door with Frosted Sticker, 2.35m x 0.95m (See Plan for details)		sets	
Windows			
10mm Thk. Glass Aluminum Frame Powder Coated Fixed Panel, 3.90m x 2.35m (See Plan for details)		sets	
10mm Thk. Glass Aluminum Frame Powder Coated Fixed Panel, 1.90m x 2.35m (See Plan for details)		sets	
10mm Thk. Glass Aluminum Frame Powder Coated Sliding Glass, 2.45m x 1.00m (See Plan for details)		sets	
10mm Thk. Glass Aluminum Frame Powder Coated Sliding Glass, 1.00m x 0.80m (See Plan for details)		sets	
Total Materials Cost			Sub-Total
			Unit Cost
Description	Quantity	Unit	Unit Price
			Sub-Total
Total Equipment Cost			Sub-Total
			Unit Cost
Description	Quantity	Unit	Unit Price
			Sub-Total
Total Labor Cost			Sub-Total
			Unit Cost

DIRECT COST:
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DETAILED ESTIMATES

Item No.: VI	Quantity:	
Description: Masonry Works	Unit	m ²

MATERIALS COST	Quantity	Unit	Unit Price	Sub-Total
CHB, 4"		pcs		
Cement		bags		
Sand		m ³		
Reinforcing Steel, 10mm		kg		
Galvanized Iron Wire, #16		kg		
Total Materials Cost			Sub-Total	
			Unit Cost	
Description	Quantity	Unit	Unit Price	Sub-Total
EQUIPMENT COST				
			Sub-Total	
			Unit Cost	
Description	Quantity	Unit	Unit Price	Sub-Total
LABOR COST				
			Sub-Total	
			Unit Cost	
Description	Quantity	Unit	Unit Price	Sub-Total
Construction Foreman		days		
Skilled Laborer		days		
Unskilled Laborer		days		
Total Labor Cost			Sub-Total	
			Unit Cost	

DIRECT COST:

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OCM

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DETAILED ESTIMATES

Item No.: VII	Quantity:
Description: Plastering Works	Unit: m ²

MATERIALS COST	Quantity	Unit	Unit Price	Sub-Total
Cement		bags		
Sand		m ³		
Total Materials Cost			Sub-Total	
			Unit Cost	
Description	Quantity	Unit	Unit Price	Sub-Total
Total Equipment Cost			Sub-Total	
			Unit Cost	
Description	Quantity	Unit	Unit Price	Sub-Total
Total Labor Cost			Sub-Total	
			Unit Cost	
Description	Quantity	Unit	Unit Price	Sub-Total
Construction Foreman		days		
Skilled Laborer		days		
Unskilled Laborer		days		
Total Labor Cost			Sub-Total	
			Unit Cost	

DIRECT COST:

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DETAILED ESTIMATES

Item No.: VIII	Quantity:	
Description: Ceiling Works	Unit:	m ²

MATERIALS COST	Quantity	Unit	Unit Price	Sub-Total
4.5mm Fiber Cement Board		pcs		
19mm x 50mm x 0.6mm Furring Channel		pcs		
12mm x 38mm x 0.8mm Carrying Channel		pcs		
Hanger Bars		pcs		
Channel Clip		pcs		
25mm x 25mm x 0.4mm Wall Angle		pcs		
5/32 Blind Rivets		pcs		
Metal Screw 1"		pcs		
Total Materials Cost			Sub-Total	
			Unit Cost	
Description	Quantity	Unit	Unit Price	Sub-Total
EQUIPMENT COST				
Total Equipment Cost			Sub-Total	
			Unit Cost	
Description	Quantity	Unit	Unit Price	Sub-Total
LABOR COST				
Construction Foreman	Quantity	Unit	Unit Price	Sub-Total
Skilled Laborer		days		
Unskilled Laborer		days		
Total Labor Cost			Sub-Total	
			Unit Cost	

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DETAILED ESTIMATES

Item No.:	IX	Quantity:			
Description:	Painting Works	Unit:	m ²		
MATERIALS COST					
Description	Quantity	Unit	Unit Price	Sub-Total	
Wall (New Painting)		L			
Concrete Neutralizer		gal			
Concrete Sealer/Primer		gal			
Patching Compound		gal			
Semi-gloss Latex		gal			
Wall (Repainting)		gal			
Concrete Sealer/Primer		gal			
Patching Compound		gal			
Semi-gloss Latex		gal			
Ceiling		gal			
Concrete Sealer/Primer		gal			
Patching Compound		gal			
Semi-gloss Latex		gal			
Metal Painting		gal			
Metal Primer		gal			
Paint Thinner		gal			
Total Materials Cost			Sub-Total		
Description			Unit Price	Sub-Total	
Total Equipment Cost			Sub-Total		
Description			Unit Price	Sub-Total	
Total Labor Cost			Sub-Total		
Description			Unit Price	Sub-Total	
Construction Foreman	Quantity	Unit	Unit Price	Sub-Total	
Skilled Laborer		days			
Unskilled Laborer		days			
Total Labor Cost			Sub-Total		
Total Labor Cost			Unit Cost		

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DETAILED ESTIMATES

Item No.:	X	Quantity:	lot
Description: Plumbing Works		Unit:	
MATERIALS COST	Description	Quantity	Unit Price
	Plumbing Fixtures		
	Kitchen Sink, double tub	set	
	Faucet, stainless steel	set	
	Sewer Line		
	PVC Pipe, 31000, 2" Ø	pc	
	PVC Elbow, 2" Ø, 90°	pcs	
	PVC P-trap, 2" Ø	pcs	
	Solvent Cement	can	
	Hacksaw Blade	pc	
	Waterline (PVC Blue Pipe)		
	PP-r PN20 20mm Ø Pipe	pcs	
	PP-r Elbow 90°, 20mm Ø	pcs	
	PP-r Female Adapter, 20mm Ø	pcs	
	Straight Female Adapter, 20mm Ø	pcs	
	Angle Valve, 1/2" x 1/2"	sets	
	Flexible hose, 1/2" x 1/2"	sets	
	Teflon Tape, 1"	pcs	
	Total Materials Cost		Sub-Total
			Unit Cost
EQUIPMENT COST	Description	Quantity	Unit Price
			Sub-Total
	Total Equipment Cost		Unit Cost
LABOR COST	Description	Quantity	Unit Price
	Plumber		days
	Plumber Helper		days
	Total Labor Cost		Sub-Total
			Unit Cost

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DETAILED ESTIMATES

Item No.:	XI	Quantity:			
Description:	Roofing Works	Unit:			m ²
MATERIALS COST	Description	Quantity	Unit	Unit Price	Sub-Total
	Roof Framing Works				
	Pre-Painted Gutter, 0.5mm		pcs		
	Pre-Painted End Flashing, 0.5mm		pcs		
	Pre-Painted Wall Flashing, 0.5mm		pcs		
	Pre-Painted Corrugated Roofing Sheet, 0.5mm		sq.m.		
	Tekscrew with washer		pcs		
	Blind Rivets		pcs		
	Plain G.I. Strap		roll		
	10mm Double Sided Insulation		pcs		
	2"x3"x1.2mm C-Purlins		pcs		
	1"x1'0"x12' Fascia Board		pcs		
	2"x6"x2mm Tubular		pcs		
	2"x4"x3/16" C-Channel		pcs		
	Bolt		pcs		
	Welding Rod		kgs		
	2"x2"x3/16" Angle Bar		pcs		
	2"x3/16" Flat Bar		pcs		
	Welding Rod		kgs		
	Total Materials Cost			Sub-Total	
				Unit Cost	
	Description	Quantity	Unit	Unit Price	Sub-Total
EQUIPMENT COST					
	Total Equipment Cost			Sub-Total	
				Unit Cost	
	Description	Quantity	Unit	Unit Price	Sub-Total
	Construction Foreman		days		
	Skilled Laborer		days		
	Unskilled Laborer		days		
	Total Labor Cost			Sub-Total	
				Unit Cost	

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DETAILED ESTIMATES

ITEM NUMBER	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	Total Price
XII	Modular Partition and Furnitures				lot
	STAFF/HEAD PANEL PARTITION				
	Laminate with stripes "frosted" glass panel partition 6 cm thk; powder coated metal trims and strips in beige color		set		
	Dimension: 70W x 120H cm		set		
	60W x 120H cm		set		
	50W x 120H cm		set		
	PARTITION PANEL ACCESSORIES				
	3D Post 120H Powder coated metal post beige color		set		
	2D Post 120H Powder coated metal post beige color		set		
	End Post 120H Powder coated metal post beige color		set		
	Mfid Post 120H Powder coated metal post beige color		set		
	Worktop Table - woodgrain laminated top 25mm thick with flat Dimension: 140W x 60D cm (main table)		set		
	100W x 60D cm (side table)		set		
	Mobile Pedestal with 3 drawers in powder coated metal body		set		
	Midback chair with armrest and gaslift height adjustment with tilt mechanism; black starbase; fabric or leatherette upholstery		set		
	Fabrication, Supply, and Delivery		lot		
	Total Materials Cost			Sub-Total:	
	DESCRIPTION	QUANTITY	DAYS	RATE	Total Price
				Unit Cost:	
				Sub-Total:	
	DESCRIPTION	QUANTITY	DAYS	RATE	Total Price
				Unit Cost:	
				Sub-Total:	
				Unit Cost:	
				Sub-Total:	
				Unit Cost:	

DIRECT COST:
UNIT COST:

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DETAILED ESTIMATES

Item No.:	XIII	Quantity:	lot
Description:	Electrical Works	Unit:	
<p>I. Circuit Breakers and Enclosures 20AT, 2P, 240V, 22KAIC, Bolt-On Type with NEMA 3R Enclosure, MCB</p> <p style="text-align: center;">SUBTOTAL (I. Circuit Breakers and Enclosures)</p>	<p>set</p>	<p>set</p>	
<p>II. Pipes, Conduits, and Fittings Adapter with Locknut / Straight Connector 20mmØ, PVC Pipe, Thick Wall 20mmØ, PVC Short Elbow, Thick Wall 20mmØ, PVC Coupling 20mmØ, PVC</p> <p style="text-align: center;">SUBTOTAL (II. Pipes, Conduits and Fittings)</p>	<p>pcs. pcs. pcs. pcs. pcs.</p>	<p>pcs. pcs. pcs. pcs. pcs.</p>	
<p>III. Conductors, Lead Free 3.5mm2 THHN 2.0mm2 THHN</p> <p style="text-align: center;">SUBTOTAL (III. Conductors, Lead Free)</p>	<p>rolls rolls</p>	<p>rolls rolls</p>	
<p>IV. Wiring Devices Utility Box, 2"x4" Junction Box with Cover, Octagonal Duplex Convenience Outlet with Cover Plate, Grounding Type, Wide Series Switches, Wide Series, with Cover Plate 1 gang, Single Pole, Single Throw Switch 3 gang, Single Pole, Single Throw Switch 3 gang, Three-Way Switch Electrical Tape, Vini, Big</p> <p style="text-align: center;">SUBTOTAL (IV. Wiring Devices)</p>	<p>pcs. pcs. sets sets sets sets sets</p>	<p>pcs. pcs. sets sets sets sets sets</p>	
<p>V. Lighting Fixtures, and Others 3 Watts, LED Mini Downlight Round Swivel, 6500K Daylight, 220 Lumens, Ø77mm 10 Watts, LED Recessed Circular Downlight, 6500K Daylight, 850 Lumens, Ø110mm 20 Watts, LED Panel Light, 6500K Daylight, 1,440 Lumens, 300mm x 300mm 40 Watts, LED Panel Light, 6500K Daylight, 3,200 Lumens, 1200mm x 300mm</p> <p style="text-align: center;">SUBTOTAL (V. Lighting Fixtures, and Others)</p>	<p>pcs. pcs. pcs. pcs.</p>	<p>pcs. pcs. pcs. pcs.</p>	
MATERIALS COST			
Total Materials Cost			
	Sub-Total		
	Unit Cost		

EQUIPMENT COST		Quantity	Unit	Unit Price	Sub-Total
Minor Tools	Description				
	Total Equipment Cost			Sub-Total Unit Cost	
	Description	Quantity	Unit	Unit Price	Sub-Total
PEE / REE / RME			days		
Accredited Electrician			days		
Electrical Helper			days		
	Total Labor Cost			Sub-Total Unit Cost	

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DETAILED ESTIMATES

Item No.:	XIV	Quantity:	Unit:	lot	
Description:	Mechanical Works				
MATERIALS COST					
Description	Split Type Wall Mounted - VFD - Inverter Type, 27,000 Btu/hr or higher, complete with all accessories and mounting (see plan details), including 3/4" PVC pipe with pvc elbow for condensate drain line, caulking sealant for wall penetration	Quantity	Unit	Unit Price	Sub-Total
			set		
			set		
	Split Type Wall Mounted - VFD - Inverter Type, 12,953 Btu/hr or higher, complete with all accessories and mounting (see plan details), including 3/4" PVC pipe with pvc elbow for condensate drain line, caulking sealant for wall penetration		set		
	80 CFM Axial Exhaust Fan Ceiling Mounted with complete hardware and accessories		set		
Total Materials Cost				Sub-Total	
				Unit Cost	
Description	Quantity	Unit	Unit Price	Sub-Total	
Total Equipment Cost				Sub-Total	
				Unit Cost	
Description	Quantity	Unit	Unit Price	Sub-Total	
	Accredited ACU Installer	days			
	Construction Foreman	days			
	Skilled Laborer	days			
	Unskilled Laborer	days			
Total Labor Cost				Sub-Total	
				Unit Cost	

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