



Republic of the Philippines  
**BATAAN GENERAL HOSPITAL**  
Balanga City, Bataan



**BILL OF MATERIALS AND LABOR FOR THE  
CONSTRUCTION OF CONCRETE PERIMETER FENCE AND PARKING LOT WITH GUARD HOUSE  
AND STORM DRAINAGE SYSTEM**

**I SITE PREPARATION/ EARTHWORKS**

**1.1 TEMPORARY FACILITIES**

A. Field Office	m <sup>2</sup>	36	-
B. Field Warehouse	m <sup>2</sup>	40	-
C. Temporary Comfort Room	m <sup>2</sup>	6	-
<b>Sub-total</b>			<b>Php</b> -

**1.2 TEMPORARY UTILITIES**

A. Power Consumption	month	6	-
B. Water Consumption	month	6	-
<b>Sub-total</b>			<b>Php</b> -

**1.3 EARTHWORKS**

A. Excavation	m <sup>3</sup>	585	-
B. Earthfill	m <sup>3</sup>	18,500	-
<b>Sub-total</b>			<b>Php</b> -

**1.3 CLEARING AND GRUBBING**

A. Clearing, Grubbing, Removal of Obstructions on site and Waste disposal	lot	1	-
<b>Sub-total</b>			<b>Php</b> -
<b>Total Cost of Item</b>			<b>Php</b> -

**II CONCRETE WORKS**

Washed Sand	m <sup>3</sup>	488	-
Gravel	m <sup>3</sup>	976	-
Portland Cement	bag	8864	-
<b>Material Cost</b>			<b>Php</b> -
<b>Labor Cost</b>			<b>Php</b> -
<b>Total Cost of Item</b>			<b>Php</b> -

**III MASONRY WORKS**

5" x 8" x 16" CHB	pc	17,405	-
Washed Sand	m <sup>3</sup>	102	-
Portland Cement	bag	1447	-
10 mmØ x 6.0 m RSB	kg.	3,678	-
16 mmØ x 6.0 m RSB	kg.	282	-
Barbed Wire	roll	18	-
#16 GI Tie Wire	kg.	58	-
<b>Material Cost</b>			<b>Php</b> -
<b>Labor Cost</b>			<b>Php</b> -
<b>Total Cost of Item</b>			<b>Php</b> -

**IV REINFORCEMENT**

16 mmØ x 6.0 m RSB	kg.	2575	-
12 mmØ x 6.0 m RSB	kg.	12651	-
10 mmØ x 6.0 m RSB	kg.	10016	-
#16 G.I. Tie Wire	kg.	400	-
<b>Material Cost</b>			<b>Php</b> -

				Labor Cost	-
			<b>Total Cost of Item</b>	<b>Php</b>	-
<b>V</b>	<b>FORMS &amp; SCAFFOLDINGS</b>				
	½" x 4' x 8' Marine Plywood	pc.	158	Php	-
	1/4" x 4' x 8' Ordinary Plywood	pc.	103	Php	-
	2" x 2" Good Lumber	bd.ft.	4580		-
	Assorted CW Nail	kg.	10		-
				Material Cost	<b>Php</b> -
				Labor Cost	-
			<b>Total Cost of Item</b>	<b>Php</b>	-
<b>VI</b>	<b>ROOF FRAMING WORKS</b>				
	<b>Truss/ Rafter</b>				
	¼" x 2" x 2" x 6m Angle Bar	pc.	5	Php	-
	<b>Purlins</b>				
	2 x 4x 6m, # 16 C-Purlins	pc.	4		-
	<b>Fascia Board</b>				
	2 x 6 x 6m, #16 C-Purlins	pc.	5		-
	<b>Welding Electrodes</b>				
	Welding Rod	box	0.5		-
	Epoxy Paint w/ Catalyst	gal.	1		-
				Material Cost	<b>Php</b> -
				Labor Cost	-
			<b>Total Cost of Item</b>	<b>Php</b>	-
<b>VII</b>	<b>ROOFING &amp; TINSMITHRY WORKS</b>				
	Long Span Coloroof Rib Type Roofing Shts (.5mm thick)	l.m.	16	Php	-
	Prepainted G.I. Sheet (Flashing)	pc.	2		-
	2½ Tek screw	pc.	128		-
	Blind Rivets, Roof Sealant and other Materials	l.s.			-
				Material Cost	<b>Php</b> -
				Labor Cost	-
			<b>Total Cost of Item</b>	<b>Php</b>	-
<b>VIII</b>	<b>CARPENTRY WORKS</b>				
	1/4" x 4' x 8' Fiber Cement Board	pc.	2		-
	4" x 20' Metal Spandrel (Eaves, incl. ventilation)	pc.	13		-
	Double Furring Channel	pc.	2		-
	Carrying Channel	pc.	2		-
	Screws, Wire Clips and oher Materials	l.s.			-
				Material Cost	<b>Php</b> -
				Labor Cost	-
			<b>Total Cost of Item</b>	<b>Php</b>	-
<b>IX</b>	<b>DOORS &amp; WINDOWS</b>				
	D1 0.70 x 2.10m Single-Swing Steel Door	set	2		-
	W1 1.20m x 1.20m Aluminum Framed Sliding Window	set	1		-
	W2 0.60m x 0.60m Aluminum Framed Sliding Window	set	1		-
				Material Cost	-
				Installation Cost	-
			<b>Total Cost of Item</b>	<b>Php</b>	-
<b>X</b>	<b>TILEWORKS</b>				
	40" X 40" Unglazed Ceramic Floor Tiles	pc.	24		-
	40" X 40" Glazed Ceramic Wall Tiles	pc.	29		-
	Tile Trim 10'	pc.	2		-

Washed Sand	m <sup>3</sup>	1	-
Portland Cement	bag	2	-
Tile Grout	bag	2	-
Cutting Disc	pc.	1	-
			<hr/>
		<b>Material Cost</b>	<b>Php -</b>
		Labor Cost	-
			<hr/>
		<b>Total Cost of Item</b>	<b>Php -</b>

**XI METAL WORKS**

3/16" x 2" x 2" x 6m Angle Bar	pc.	223	Php -
3/16" x 1 1/2" x 1 1/2" x 6m Angle Bar	pc.	80	-
Welding Rod	box	1.5	-
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		<b>Material Cost</b>	<b>-</b>
		Labor Cost	-
			<hr/>
		<b>Total Cost of Item</b>	<b>Php -</b>

## XII SANITARY & PLUMBING WORKS

### A. Fixtures

Water Closet with Lavatory	set	1	Php	-
Wall Faucet	pc.	1		-
Floor Drain	pc.	1		-
			<b>Sub-total</b>	<b>Php</b>
				-

### B. Sewerline and Storm Drainage System

150mmØ PVC Pipe Series 1000	pc.	6		-
100mmØ PVC PipeSeries 1000	pc.	5		-
50mmØ PVC Pipe Series 1000	pc.	2		-
75mmØ PVC Pipe Series 600	pc.	27		-
100mmØ PVC Elbow 90°	pc.	3		-
100mmØ PVC Elbow 45°	pc.	2		-
50mmØ PVC Elbow 90°	pc.	2		-
50mmØ PVC Elbow 45°	pc.	1		-
100mmØ PVC Wye	pc.	5		-
50mmØ PVC Wye	pc.	2		-
100mmØ x 50mmØ PVC Wye Reducer	pc.	2		-
100mmØ Cleanout	pc.	1		-
PVC P-trap	pc.	1		-
PVC Solvent and other materials	l.s.			-
			<b>Sub-total</b>	<b>Php</b>
				-

### C. Cold Water Line

50mmØ PPR Pipe	pc.	17		-
20mmØ PPR Pipe	pc.	4		-
50mmØ PPR Pipe Elbow	pc.	4		-
20mmØ PPR Pipe Elbow	pc.	4		-
50mmØ x 20mmØ PPR Tee Reducer	pc.	2		-
50mmØ PPR Pipe Coupling Adaptor	pc.	10		-
20mmØ PPR Pipe Coupling Adaptor	pc.	3		-
20mmØ PPR Gate Valve	pc.	2		-
Teplon Tape and other materials	l.s.			-
			<b>Sub-total</b>	<b>Php</b>
				-
			<b>Material Cost</b>	-
			<b>Labor Cost</b>	-
			<b>Total Cost of Item</b>	<b>Php</b>
				-

## XIII ELECTRICAL WORKS

CFL 75 watts	pc.	58	Php	-
Light Post Shed	pc.	58		-
G.I. Pipe 1" (20 feet)	pc.	25		-
G.I. Pipe 4" (20 feet)	pc.	1		-
- with 9.25" x 9.25" steel base plate (welded)				
- with 3/4" anchor bolts (4 pieces)				
Pole Mounted Parking Light	set	20		-
- 20 feet high G.I. Pipe (4 inches diameter)				
- with twin spoke arm bracket (180 degrees) on top				
- with 150 watts (LED) lighting fixtures per spoke arm bracket				
- with 9.25" x 9.25" steel base plate (welded)				
- with 3/4" anchor bolts (4 pieces)				
Stranded Wire 22mm <sup>2</sup> THHN	l.m.	1245		-
Stranded Wire 14mm <sup>2</sup> THHN	l.m.	600		-
Stranded Wire 5.5mm <sup>2</sup> THHN	l.m.	1115		-
Stranded Wire 3.5mm <sup>2</sup> THHN	l.m.	300		-
70AT/100AF Molded Case Circuit Breaker, Bolt-on, 220-240V (Single Phase), w/ G.I. Outdoor Enclosure	set	1		-
20AT/100AF Circuit Breaker, Bolt-on, 220-240V, w/ G.I. Outdoor Enclosure	set	8		-
Safety Breaker 20 Amp	set	1		-
PVC Elec. Pipe 20mm dia.	pc.	236		-
PVC Elec. Pipe 25mm dia.	pc.	308		-
Pull Box (G.I.)	pc.	8		-
CFL 15 watts	pc.	4		-
Ceiling Receptacle	pc.	4		-

2 Gang Switch 10Amp. Rating w/ plate cover	set	2	-
Convenience Outlets (Duplex w/ Ground) 15Amp. Rating	set	3	-
Junction Box w/ cover	pc.	4	-
Utility Box	pc.	4	-
PVC Elec. Fittings and other Accessories			
			Material Cost    Php    -
			Labor Cost        -
			<b>Total Cost of Item    Php    -</b>

**XIV PAINTING WORKS**

Quick Drying Enamel	gal.	17	-
Flat Latex Paint	tin	10	-
Gloss Latex Paint	tin	15	-
Traffic yellow paint	gal.	4	-
Masonry Putty	gal.	1	-
Paint Thinner	gal.	5	-
Red Oxide Primer	gal.	11	-
Roller Brush with tray	pc.	10	-
Paint Brush 4"	pc.	5	-
Paint Brush 2"	pc.	5	-
Asstd. Acrylics, Tinting Colors, M. Tape & Other Materials	l.s.		-
		<b>Material Cost</b>	<b>Php</b> <hr/>
		Labor Cost	-
		<b>Total Cost of Item</b>	<b>Php</b> <hr/>

**XV SIGNAGES & MARKINGS**

	lot	1	Php
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**XVI MOBILIZATION/ DEMOBILIZATION**

	lot	1	Php	#REF!
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