

PROJECT : IMPROVEMENT OF GUARDHOUSE
SUBJECT : BILL OF QUANTITIES
LOCATION : PHILRICE-CES, SCIENCE CITY OF MUÑOZ, NUEVA ECIJA

QUANTITY	UNIT	PARTICULARS	UNIT COST	MATERIALS COST	LABOR COST	OCM	PROFIT	TAX	AMOUNT
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I. SITEWORKS

1.00	lot	A. Removal of Existing Doors, Windows, and Cabinet, Removal of Obstruction, Removal of Existing Tarpaulin Ad Signage on Steel Frame.
20.32	cu.m	B. Excavation
16.38	cu.m	C. Backfill

II. REINFORCING STEEL BARS

1,931.29	kgs	20 mm dia DRSB x 6.0m (G40), 16 mm dia DRSB x 6.0m (G40), 12 mm dia DRSB x 6.0m (G40), 10 mm dia DRSB x 6.0m, #16 GI Tie Wire
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III. CONCRETE WORKS

19.99	cu.m	A. Footing, Wall Footing, Beams, and Column
1.45	cu.m	B. Landscape Concrete Gutter and Concrete Counter
0.26	cu.m	C. PhilRice Logo

IV. FORMWORKS AND SCAFFOLDINGS

1.00	L.S.	Phenolic 1/2" thk (4 x 8), Form Lumber 2" x 3", Form Lumber 2" x 2", Assorted CWN
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V. ROOFING, ROOF WORKS, AND METAL WORKS

		A. Improvement of Guard House, Gate, and Fabrication of Table
1.00	lot	- 2" x 4" x 1.5mm Black AnodizedTubular Bar
		- 2" x 6" x 1.5mm Tubular Bar
		- 2" x 8" x 1.5mm Tubular Bar
		- 2" x 6" Analok Accent
		- Welding Rod
		- Consumables (Cutting disk, etc)

B. LED Board

- Aluminum Composite Panel with Accessories
- 3.0mm Checkered Plate
- 2"x3" Tubular Handrail
- I-Beam 8" x 6 1/2" x 12m
- I-Beam 10" x 10" x 6m
- 2" x 2" x 1/4" thk Angle Bar
- 1 1/2" x 1/4" thk Flat Bar
- 20mm Base Plate
- 25mm dia x 600mm High Stregth Anchor Bolt
- Welding Rod
- Consumables (Cutting disk, etc)

1.00 lot

C. Roofing and Roof Framing

- 2"x8" Tubular Bar
- 2"x4" Tubular Bar
- 2" x 3 " Tubular Bar
- Aluminum Composite Panel with Accessories
- Polycarbonate with accesories
- 1 1/2" x 1 1/2" Angle Bar
- Welding Rod
- Consumables (Cutting disk, etc)

1.00 lot

VI. MASONRY WORKS

10.00 cu.m CHB 6", Cement, Sand

VII.. PAINTING WORKS

1.00 lot

Semi-gloss latex, Tinting color, Flat wall enamel, Quick Dry enamel, Epoxy Gray Metal Primer Paint, Lacquer/Paint Thinner, Assorted Paint Brush, Consumables(rags, old newspaper, sand paper, etc.)

VIII. TILE WORKS

1.00 lot

Black Solid Granite, 0.60 x 0.60 Tiles Dark Gray Unpolshed Granite Tiles, 0.60 x 0.30 Brown Stone, Cement, White Cement, Tile Adhesive

IX. DOORS AND WINDOWS

W1 - Fixed window on black aluminum frame
 Glass: One mirror or glass gray or approved equal (1.75x1.36),
 W2 - Fixed window on black aluminum frame
 Glass: 10 mm Clear glass or approved equal (0.73x1.36),
 D1 - Sliding Door Glass on Black Aluminum Frame with lock.
 Glass: 10mm one way mirror glass or gray glass or approved equal
 D2 - Swing Steel Gate (Frame : 2" x 4" x 2.0 mm Tubular Bar
 Frame finish: Sealed weld, automotive primed finished with
 polyurethane flat black, provide drip holes at the bottom
 Hinge: 3-2" Pillow block semi imbed on frame and column
 Lock: Heavy duty outdoor eye bolt type lock, 10mm thk Clear
 glass, Silicon Sealant

2.00 set

X. PLUMBING WORKS

A. Plumbing Fixtures: Lavatory: Single Sink S/S Kitchen Sink,
 Faucet: S/S Longneck (HCG, Pozzi, or approved equal
 Plumbing Consumables (Fittings, Tee, Elbow etc.) -- Relocation
 of Water Supply

1.00 lot

B. Water Line: 20mm PPR Pipe, Water meter, Gate valve, Check
 valve, Plumbing Consumables (Fittings, Tee, Elbow etc.)

1.00 lot

XI. ELECTRICAL WORKS

A. BOXES , CONDUITS AND FITTINGS:
 (Note: All Conduit and conduit fittings shall be in PEC
 standard, Utility and Junction Box shall be "Poly" or approve
 equal.)

1.00 lot

>Utility Box
 >Junction Box
 >20mm EMT pipe (3m/length)
 > 20mm EMT elbow
 > C Clamp for EMT Pipe (aluminum)
 > Electrical Tape, Big
 > GI Wire , Solvent

B. WIRES AND CABLES:
 (Note: All wires shall be "Phelps Dodge" or approve equal)
 >8.0mm² THHN cu wire (150m/box)
 >2.0mm² THHN cu wire (150m/box)

1.00 lot

C. ELECTRICAL DEVICES : (Note:
All breakers shall be "Schneider" or approve equal)
(Note: All outlets and switches shall be "Panasonic" or approve equal)

1.00 lot >50AT Breaker Single Phase in Nema 3R Enclosure (gauge 18),
 MCCB Bolt on type
 >50AT Breaker Single Phase, MCCB Bolt on type
 > 2 gang & 3 gang, 3 way switch, Slim Art series and LED Indicator

D. ELECTRICAL FIXTURES: (Note:
All LED lights shall be "Firefly" or approve equal)
 >LED weather proof spotlight, 10w, warm white with ground mounting, nxled; firefly or approved equal

XII. OTHERS

1.00 L.S. A. Testing Fess /Permits/ Temporary Facilities/PPE's etc.

SUMMARY OF COST

Direct Cost

Material Cost + Labor Cost + Equipment Rental Cost

PhP

Indirect Cost

OCM ()%

PhP

Profit ()%

PhP

Tax 5%

PhP

GRAND TOTAL PROJECT COST

PhP

ED NAME/SIGNATURE OF AUTHORIZED REPRESENT

Designation:

Company Name:

Business Address:

PhilGEPS Registration No.:

Telephone Number:

Email Address: