NATIONAL CENTER FOR MENTAL HEALTH

PLANNING AND DEVELOPMENT SECTION

BILL OF QUANTITIES

PLN Bill of Quantities
Rev. 0
15 Oct 2021

PROJECT TITLE: **Construction of Out - Patient Department and Frontline Services Building at NCMH - Camarin Extension**
LOCATION: **NCMH Compound, 9 de Pebrero, Mauway, Mandaluyong City**

ITEM NO.	DESCRIPTION	QUANTITY	UNIT	UNIT COST	MATERIAL COST	LABOR COST	DIRECT COST	MARK-UP IN PERCENT		TOTAL MARK-UP		VAT	TOTAL INDIRECT COST	TOTAL COST
								OCM	PROFIT	%	VALUE			
1	**GENERAL REQUIREMENTS**													
	a. Mobilization	1.00	lot											
	b. 4' x 8' Tarpaulin	3.00	pc.											
	c. 1/2" Plywood	3.00	pc.											
	d. Lumber, Assorted	137.00	bd.ft											
	e. Common Wire Nails, Assorted	3.00	kg.											
													SUB-TOTAL	-
2	**DEMOLITION WORKS**													
	a. Demolition of existing structure	1.00	lot											
	b. Demolition of existing floor	1.00	lot											
													SUB-TOTAL	-
3	**EARTH WORKS**													
	a. Excavation (Adobe Soil)	32.00	cu.m											
	b. Gravel	8.00	cu.m											
	c.Soil Poisoning	146.00	sq.m											
													SUB-TOTAL	-
4	**CONCRETE WORKS**													
	a. Cement	360.00	bag											
	b. Sand	23.00	cu.m											
	c. Gravel	41.00	cu.m											
	d. 10mm, DSB, Grade 40	445.00	pc.											
	e. 12mm, DSB, Grade 40	340.00	pc.											
	f. #16 G.I. Tie Wire	100.00	kg.											
	g. 1/2" Phenolic Board	31.00	pc.											
	h. Lumber, Assorted	265.00	bd.ft											
													SUB-TOTAL	-
5	**MASONRY WORKS**													
	a. 6" CHB	3,717.00	pc.											
	b. 10mm, DSB, Grade 40	280.00	pc.											
	c. #16 G.I. Tie Wire	35.00	kg.											

	d. Nylon String	7.00	roll											
	e. Concrete Nail, Assorted	25.00	kg.											
	f. Cement	375.00	bag											
	g. Sand	44.00	cu.m											
													SUB-TOTAL	-
6	**CEILING & DRYWALL SYSTEMS WORKS**													
	a. Double Metal Furring. 19mm x 50mm x 0.6mm, 5m	105.00	pc.											
	b. Carrying Channel, 12mm x 38mm x 1mm, 5m	100.00	pc.											
	c. Wall Angle, 25mm x 25mm x 0.5mm, 3m	50.00	pc.											
	d. W-Clip	1,140.00	pc.											
	e. Hanger Rod	105.00	pc.											
	f. Blind Rivets	15.00	box											
	g. Drill Bit, Assorted	20.00	pc.											
	h. 3.5mm Fiber Cement Board	72.00	pc.											
	i. Metal Tracks, 32mmx102mmx0.5mm, 3m	33.00	pc.											
	j. Metal Studs, 32mmx102mmx0.5mm, 3m	110.00	pc.											
	k. 4.5mm Fiber Cement Board	75.00	pc.											
													SUB-TOTAL	-
7	**ROOFING SYSTEM WORKS**													
	a. 2" x 6" x 3mm Tubular	7.00	pc.											
	b. 2" x 4" x 2mm Tubular	4.00	pc.											
	c. 2" x 2" x 2mm Tubular	32.00	pc.											
	d. 2" x 3" x 1.5mm C-Purlins	50.00	pc.											
	e. 2" x 4" x 1.5mm C-Purlins	11.00	pc.											
	f. 2" x 6" x 1.5mm C-Purlins	16.00	pc.											
	g. 1 1/2" x 1 1/2" x 1/4" Angle Bar	5.00	pc.											
	h. 0.6mm Rib Type Roof, Blue	182.00	l.m											
	i. 0.5mm x 36" Flashing, 8'	28.00	pc.											
	j. 10mm Double-Sided Roof Insulation Foam	160.00	l.m											
	k. 2 1/2" Tekscrew	900.00	pc.											
	l. 16mm MS Plate	2.00	pc.											
	m. 12mm Plain Bar Gr.40 (Sag Rod)	6.00	pc.											
	n. 16mm x 450mm Anchor Bolt (A307)	48.00	set											
	o. 12mm x 150mm Anchor Bolt (A307)	56.00	set											
	p. Silicone Sealant	18.00	tube											
	q. Welding Rod	100.00	kg.											
	r. Elastomeric Roof Sealant	8.00	ltr.											
	s. Polytuff w/ Hardener	5.00	ltr.											
	t. Epoxy Primer, Gray	10.00	gal.											

	u. QDE, Black	7.00	gal.											
	v. Paint Thinner	5.00	gal.											
	w. 2" Paint Brush	15.00	pc.											
	x. 4" Roller Brush	15.00	pc.											
	y. Drill Bit, Assorted	15.00	pc.											
	z. Grinding Disc	25.00	pc.											
	aa. Cut-off Blade	10.00	pc.											
	ab. Cutting Disc	5.00	box											
	ac. Blind Rivets	8.00	box											
													SUB-TOTAL	-
8	**ELECTRICAL SYSTEM WORKS**													
	a. 2x18W Led Tube Complete with Accessories	19.00	set											
	b. 7W Led Bulb Complete with Accessories	53.00	set											
	c. THHN Wire #14	5.00	roll											
	d. THHN Wire #12	3.00	roll											
	e. THHN Wire #10	2.00	roll											
	f. THW Wire #6	79.00	l.m											
	g. THW Wire 300MCM	105.00	l.m											
	h. 3 - Gang Switch	5.00	pc.											
	i. 2- Gang Switch	4.00	pc.											
	j. 1-Gang Switch	9.00	pc.											
	k. Convenience Outlet	27.00	pc.											
	l. ACU Outlet	5.00	pc.											
	m. Junction Box	50.00	pc.											
	n Amco Box	50.00	pc.											
	o. 1/2" Flexible Hose	7.00	roll											
	p. 4"' PVC Conduit Pipe	5.00	pc.											
	q. Electrical Tape	50.00	pc.											
	r. All Puprpose Adhesive	5.00	bot.											
	s. Panel Board, 6 Branch Circuit (Bolt-in)	1.00	set											
													SUB-TOTAL	-
9	**PLUMBING SYSTEM WORKS**													
	a. 1/2" PPR Pipe	22.00	pc.											
	b. 1/2" PPR Coupling	16.00	pc.											
	c. 1/2" PPR Elbow	11.00	pc.											
	d. 1/2" PPR Tee	11.00	pc.											
	e. 1/2" PPR Elbow with Thread	22.00	pc.											
	f. 1/2" PPR Tee with Thread	6.00	pc.											
	g. 2" PVC Pipe	17.00	pc.											
	h. 2" PVC Coupling	11.00	pc.											

	i. 2" PVC Elbow	11.00	pc.											
	j. 2" PVC Tee	13.00	pc.											
	l. 2" PVC P-Trap	4.00	pc.											
	m. 2" PVC Clean Out	2.00	pc.											
	n. 4" PVC Pipe	38.00	pc.											
	o. 4" PVC Coupling	27.00	pc.											
	p. 4" PVC Elbow	17.00	pc.											
	q. 4" PVC P-Trap	3.00	pc.											
	r. 4" PVC Clean Out	1.00	pc.											
	s. 1/2" G.I. C-Clamp	40.00	pc.											
	t. Gate Valve	6.00	pc.											
	u. Neltex Solvent	15.00	can											
	v. Teflon Tape	25.00	pc.											
	w. Floor Drain	2.00	pc.											
	x. Lavatory with Faucet	4.00	set											
	y. Sink with Faucet	2.00	set											
	z. Water Closet	2.00	set											
	z. Urinal	2.00	set											
	aa. Faucet	2.00	set											
	ab. Bidet	2.00	set											
													SUB-TOTAL	-
10	**TILE WORKS**													
	a. 60cm x 60cm Homogenous Floor Tiles	273.00	pc.											
	b. 60cm x 60cm Non-skid Ceramic Floor Tiles	58.00	pc.											
	c. 60cm x 60cm Glazed Wall Tiles	163.00	pc.											
	d. Tile Adhesive	81.00	bag											
	e. Tile Grout	25.00	bag											
	f. Plaster Bond	16.00	gal.											
	g. Diamond Cutting Disc	10.00	pc.											
													SUB-TOTAL	-
11	**PAINTING WORKS**													
	a. Flat Latex, White	12.00	tin											
	b. Semi-Gloss Latex, White	19.00	tin											
	c. Skim Coat	72.00	bag											
	d. Acry-Color, Assorted	27.00	can											
	e. 4" Paint Brush	25.00	pc.											
	f. 3" Paint Brush	30.00	pc.											
	g. 2" Paint Brush	40.00	pc.											
	h. 7" Roller Brush	30.00	pc.											
	i. 4" Roller Brush	40.00	pc.											

	j. Sand Paper, Assorted	30.00	doz.											
	k. Stopa Rug	20.00	kg.											
	l. Masking Tape	30.00	pc.											
	m. Paleta	25.00	pair											
													SUB-TOTAL	-
12	**FABRICATED MATERIALS**													
	a. D-1 0.9m x 2.1m, Complete with Accessories	7.00	set											
	b. D-2 1.6m x 2.1m, Complete with Accessories	1.00	set											
	c. D-3 0.9m x 2.1m, Complete with Accessories	2.00	set											
	d. W-1 1.5m x 1.0m, Complete with Accessories	9.00	set											
	e. W-2 1.5m x 1.25m, Complete with Accessories	5.00	set											
	f. W-3 0.7m x 0.6m, Complete with Accessories	2.00	set											
	e. W-4 1.5m x 1.2m, Complete with Accessories	1.00	set											
	g. Wooden Cabinets, Complete with Accessories	6.00	set											
													SUB-TOTAL	-
13	**HVAC**													
	a. 1.5Hp Split-type Air-conditioning Unit, Inverter, Complete with Accessories	6.00	set											
													SUB-TOTAL	-
14	**PROVISIONAL ITEM**													
	a. Provisional Materials' Quantities	1.00	lot											
													SUB-TOTAL	-
15	**CLEARING/GRUBBING/HAULING**													
	a. Demobilization/Exportation of debris	1.00	lot											
													SUB-TOTAL	-
													TOTAL PROJECT COST =	**4,567,667.65**