

Section VIII. Bill of Quantities

"INSERT LETTERHEAD OF THE COMPANY"					
BILL OF QUANTITIES					
PROJECT TITLE: CONSTRUCTION OF TWO STOREY FORENSIC PSYCHIATRIC WARD EXTENSION BUILDING					
LOCATION: NCMH COMPOUND, 9 DE PEBRERO, MAUWAY, MANDALUYONG CITY					
ITEM NO.	DESCRIPTION	QUANTITY	UNIT	UNIT COST	MATERIAL COST
1	GENERAL REQUIREMENTS				
	a. Mobilization	1.00	lot		
	b. Project Bill Board, 4'x 8' (feet)	3.00	set/s		
	c. 1/2' (inches) Marine Plywood	6.00	pc.		
	d. Lumber, Assorted	200.00	bd.ft		
	e. Safety Signages	1.00	lot		
	f. Common Wire Nails, Assorted	10.00	kg.		
2	DEMOLITION WORKS				
	a. Demolition of existing perimeter wall including all affected structural members	1.00	lot		
	b. Demolition of existing floor slab and finishes	1.00	lot		
	c. Clearing and Pruning of shrubs and other vegetation	1.00	lot		
3	EARTH WORKS				
	a. Excavation (Adobe Soil)	300.00	cu.m		
	b. Backfilling	260.00	cu.m		
	c. 3/4 Gravel	32.00	cu.m		
	d. Application of Anti Termite Pre - Construction Soil Poisoning	450.00	sq.m		

4 CONCRETE WORKS					
	a. 3500psi Concrete at 28 Days	75.00	cu.m		
	b. 4500 psi Concrete at 28 Days	280.00	cu.m		
	c. 3000 psi Concrete at 28 Days	20.00	cu.m		
	d. 20mm, DSB, Grade 60,	39,000.00	kg.		
	e. 16mm, DSB, Grade 60,	4,700.00	kg.		
	f. 12mm, DSB, Grade 40,	700.00	kg.		
	g. 10mm, DSB, Grade 40	28,000.00	kg.		
	h. #16 G.I. Tie Wire	900.00	kg.		
	i. Formworks	2,300.00	sq.m		
	j. Application of 3 Layers High Elasticity and Durability Water Proofing on All Comfort Rooms, Ward, Observation Room, Isolation Rooms and Pantry located on the second floor of the building.	275.00	sq.m		
	k. Common Nail, Assorted	30.00	kg.		
	l. Other Accessories and Materials that will complete the required concreting works	1.00	lot		
5 MASONRY WORKS					
	a. 6" (inches) CHB	12,000.00	pc.		
	b. 4" (inches) CHB	2,200.00	pc.		
	c. 10mm, DSB, Grade 40	7,500.00	kg.		
	d. #16 G.I. Tie Wire	150.00	kg.		
	e. Nylon String	10.00	roll		
	f. Concrete Nail, Assorted	50.00	kg.		
	g. Cement	2,100.00	bag		

	h. Sand	250.00	cu.m		
	i. Other Masonry Accessories and Materials that will complete the required masonry works	1.00	lot		
6	CEILING SYSTEM WORKS				
	a. Double Metal Furring, 19mm x 50mm x 0.6mm, 5m, High Quality	400.00	pc.		
	b. Carrying Channel, 12mm x 38mm x 1mm, 5m, High Quality	300.00	pc.		
	c. Wall Angle, 25mm x 25mm x 0.5mm, 3m, High Quality	220.00	pc.		
	d. W-Clip	4,000.00	pc.		
	e. Hanger Rod, 10mm Diameter	320.00	pc.		
	f. Blind Rivets	45.00	box		
	g. Drill Bit, Assorted	60.00	pc.		
	h. 4.5mm Fiber Cement Board	250.00	pc.		
	i. Concrete Nail, Assorted	35.00	kg.		
	j. Other Ceiling Accessories and Materials that will complete the required ceiling system works.	1.00	lot		
7	STRUCTURAL AND OTHER STEEL WORKS				
	A. Main Building Roofing Works				
	a. 250mm x 350mm x 20mm Thick MS Plate w/ 4-22mm dia. Hole, A36 (BP -1)	36.00	sets		
	b. 200mm x 250mm x 16mm Thick MS Plate w/ 4-18mm dia. Hole, A36 (BP -2)	5.00	sets		
	c. 150mm x 200mm x 16mm Thick MS Plate w/	24.00	sets		

	4-14mm dia. Hole, A36 (BP -3)				
	d. 20mmØ x 400mm Anchor Bolt, A307 w/ Standard Nuts and Washer, Complete with Necessary Accessories (AB - 1)	144.00	sets		
	e. 16mmØ x 350mm Anchor Bolt, A307 w/ Standard Nuts and Washer, Complete with Necessary Accessories (AB - 2)	20.00	sets		
	f. 12mmØ x 300mm Anchor Bolt, A307 w/ Standard Nuts and Washer, Complete with Necessary Accessories (AB - 3)	96.00	sets		
	g. 50mm x 75mm x 5mm Thick Fabricated Triangular Stiffener Plate (SP - 1) w/ 25mm cuts	10.00	sets		
	h. 2" (inches) x 3/16" (inches) Angle Bar, A36	2.00	pc.		
	i. 2" (inches) x 6" (inches) x 3.0mm Thick Tubular, BI	5.00	pc.		
	j. 2" (inches) x 4" (inches) x 2.0mm Thick Tubular, BI	86.00	pc.		
	k. 2" (inches)x 3" (inches)x 2.0mm Thick Tubular, BI	55.00	pc.		
	l. 2" (inches)x 2" (inches)x 2.0mm Thick Tubular, BI	55.00	pc.		
	m. 1 1/2" (inches) x 3/16" (inches) Angle Bar, A36	3.00	pc.		
	n. 2" (inches)x 3" (inches)x 1.5mm Thick Tubular, GI	95.00	pc.		
	o. 2" (inches)x 6" (inches)x 1.5mm Thick C-Purlins, GI	7.00	pc.		
	p. 2" (inches)x 4" (inches)x 1.5mm Thick C-Purlins, GI	7.00	pc.		
	q. 0.5mm x 1040mm Nominal Width Thick Rib- Type Roofing, Brown	450.00	lm		
	r. 0.5mm Thick GI Sheet Fascia Flashing, 16" (inches)x8', Brown	18.00	pc.		

s. 0.5mm Thick GI Sheet Endwall Flashing, 48" (inches)x8', Brown	26.00	pc.		
t. 10mm Thick Solid Polycarbonate, UV Coated at Bothsides 4'x8', Bronze	42.00	pc.		
u. 10mm Thick Double Sided Insulation Foam	450.00	lm		
v. 0.5mm Aluminum Spandrel Roof Eaves, Prepainted, 6" (inches) Effective Width, Pre- punched for Ventilation, Complete with Necessary Accessories	200.00	lm		
w. 2" (inches) x 2" (inches) x 3/16" (inches) Steel Matting, 4' (feet)x 8' (feet)	100.00	pcs		
B. PWD Ramp Steel Framing				
a. 250mm x 300mm x 20mm Thick MS Plate w/ 6-22mm dia. Hole, A36 (BP - 4)	14.00	pc.		
b. 350mm x 450mm x 16mm Thick MS Plate w/ 8-18mm dia. Hole, A36 (BP -5)	2.00	sets		
c. 350mm x 450mm x 16mm Thick MS Plate w/ 8-18mm dia. Hole (Parallelogram as per Details), A36 (BP -6)	2.00	sets		
d. 200mm x 300mm x 16mm Thick MS Plate w/ 4-18mm dia. Hole, A36 (BP - 7)	1.00	sets		
e. 20mmØ x 400mm Anchor Bolt, A307 w/ Standard Nuts and Washer, Complete with Necessary Accessories (AB - 4)	84.00	sets		
f. 16mmØ x 300mm Anchor Bolt, A307 w/ Standard Nuts and Washer, Complete with	32.00	sets		

	Necessary Accessories (AB - 5 & 6)				
	g. 16mmØ x 250mm Anchor Bolt, A307 w/ Standard Nuts and Washer, Complete with Necessary Accessories (AB - 7)	4.00	sets		
	h. 75mm x 100mm x 5mm Thick Fabricated Triangular Stiffener Plate (SP - 2) w/ 25mm Cuts	28.00	pc.		
	i. 100mm x 100mm x 5mm Thick Fabricated Rectangular Stiffener Plate (SP - 3)	24.00	pc.		
	j. 75mm x 100mm x 5mm Thick Fabricated Rectangular Stiffener Plate (SP - 4)	1.00	pc.		
	k. 150mm x 150mm x 5mm Thick Fabricated Triangular Compressed Stiffener Plate (CS - 1) w/ 50mm Cuts	36.00	pc.		
	l. 4" (inches)x 6" (inches)x 6.0mm Thick Tubular, BI	20.00	pc.		
	m. 2" (inches) x 6" (inches) x 6.0mm Thick Tubular, BI	5.00	pc.		
	n. 2" (inches) x 6" (inches) x 3.0mm Thick Tubular, BI	11.00	pc.		
	o. 2" (inches)x 2" (inches)x 2.0mm Thick Tubular, BI	26.00	pc.		
	p. 1" (inches)x 2" (inches)x 2.0mm Thick Tubular, BI	39.00	pc.		
	q. 6mm Thick MS Plate, 4' (feet) x 8' (feet), A36	15.00	pc.		
C. Railings (Façade, Stairs and PWD Ramp)					
	a. 2" (inches) x 2" (inches) x 1.50mm Thick Tubular, GI	2.00	pc		
	b. 1" (inches) x 2" (inches) x 1.50mm Thick Tubular, GI	6.00	pc		
	c. 2" (inches) x 4" (inches) x 2.0mm Thick Tubular, BI	10.00	pc		

	d. 35mm dia Stainless Steel Pipe SCH. 40, 6m	5.00	pc		
D. Hardware Materials and Accessories (All Steel Works)					
	a. E27 Welding Rod, 2.5mm x 325mm	500.00	kg.		
	b. Cutting Disc, 4" (inches)	45.00	box		
	c. Cut - Off Disc, 12" (inches)	40.00	pc.		
	d. 2 1/2" (inches) Tek Screw	2,003.00	pc.		
	e. Grinding Disc, 4" (inches)	30.00	pc.		
	f. Polytuff with Hardener	20.00	liter		
	g. Silicon Sealant	25.00	tube		
	h. Blind Rivets 1/8" (inches) x 1/2" (inches)	15.00	box		
	i. Elastomeric Sealant	15.00	liters		
	j. Drill Bit, Assorted	50.00	pcs		
	k. Other Hardware Tools and Accessories that will complete the required structural steel works.	1.00	lot		
8	ELECTRICAL SYSTEM WORKS				
	a. 2x18W Led Tube, High Quality Surface Type Housing, Louverized 12" (inches) x 48" (inches), Complete with Necessary Accessories	60.00	set		
	b. 1x18W Led Tube, High Quality Surface Type Housing, Louverized 7" (inches) x 48" (inches), Complete with Necessary Accessories	28.00	set		
	c. 12W Led Recessed Downlight, Complete with Necessary Accessories	48.00	set		
	d. 10" (inches) Heavy Duty Ceiling Mounted Exhaust Fan,	3.00	set		

	Complete with Necessary Accessories, Branded				
	e. 18" (inches) Heavy Duty Ceiling Mounted Industrial Fan, Complete with Necessary Accessories, Branded	46.00	set		
	f. 16" (inches) Heavy Duty Wall Industrial Exhaust Fan, with Aluminum Grill Air Vent Complete with Accessories, Branded	16.00	set		
	g. High Grade Aluminum Flexible Tube and Roof Exhaust Vent Complete with Necessary Accessories	1.00	set		
	h. Heavy Duty Led Emergency Light Rechargeable Twinhead, Complete with Necessary Accessories	41.00	set		
	i. THHN Wire #14 AWG (Green)	60.00	lm		
	j. THHN Wire #14 AWG (Green)	4.00	box		
	k. THHN Wire #10 AWG (Black)	1.00	box		
	l. THHN Wire #12 AWG (Green)	4.00	box		
	m. THHN Wire #12 AWG (Black)	13.00	box		
	n. THHN Wire # 10 AWG (Green)	100.00	lm		
	o. THHN Wire # 8 AWG (Green)	50.00	lm		
	p. THHN Wire # 3 AWG (Black)	30.00	lm		
	q. THHN Wire # 2 AWG (Black)	80.00	lm		
	r. THHN Wire # 2/0 AWG (Black)	300.00	lm		
	s. THHN Wire # 1/0 AWG (Black)	150.00	lm		

t. 3 way switch – Complete set	4.00	pc.		
u. 3 - Gang Switch – Complete set	4.00	pc.		
v. 2 - Gang Switch – Complete set	4.00	pc.		
w. 1-Gang Switch – Complete set	25.00	pc.		
x. High Grade Duplex Universal Outlet with Ground – Complete set	28.00	pc.		
y. Aircon Tandem Outlet with Ground – Complete set	3.00	pc.		
z. High Grade Single Universal Outlet – Complete set	41.00	pc.		
aa. 1/2" (inches) PVC Conduit Pipe	400.00	pc.		
ab. 3/4" (inches) PVC Conduit Pipe	70.00	pc.		
ac. 1" (inches) PVC Conduit Pipe	6.00	pc		
ad. 1 ¼" PVC Conduit Pipe	6.00	pc		
ae. 1 1/2" IMC Conduit Pipe with coupling	6.00	pc		
af. 1 1/2 " Weatherproof Service Entrance Head complete with necessary necessities	1.00	pc		
ag. Junction Box	320.00	pc		
ah. Utility Box	142.00	pc		
ai. 5/8" Copper Weld Ground Rod (2.4 m rod), Complete set	1.00	set		
aj. Electrical Tape	100.00	pc.		
ak. All Purpose Adhesive	50.00	bot.		
al. 100A Molded Case Circuit Breaker, 2 Pole (10KAIC RATING)	1.00	pc		
am. 150A Molded Case Circuit Breaker, 2 Pole	1.00	pc		
an. Panel Board, 10 Branch Circuit (Bolt-on)	2.00	set		

	with circuit breaker. Complete Set				
	ao. Panel Board, Main + 4 Branch Circuit (Bolt-on) with circuit breaker. Complete Set	1.00	set		
	ap. 50kVA Heavy Duty Single Phase Diesel Power Generator (Super Silent Type), Complete with All Necessary Accessories	1.00	set		
	aq. 100A Automatic Transfer Switch, Complete Set with panel	1.00	set		
	ar. 100 watts Heavy Duty LED Solar Street Lights, ABS Housing + Acrylic Cover, IP 65, 120 Degrees Beam Angle, Lithium Battery 3.2 VDC, 48mm Diameter Arm Bracket & 3 meters Galvanized Street Pole with Concrete Pedestal, Complete with Necessary Accessories	4.00	sets		
	as. 12W LED, Cool White, Surface - Mounted Type Cylinder Down Light, E27 Vertical Type Round, Width: 190mm x Height: 190mm, High Grade Black Durable Die - Cast Aluminum Frame Socket, Complete with Necessary Accessories (Canopy)	16.00	sets		
	at. 7W LED, Cool White, Surface - Mounted Type Cylinder Down Light, E27 Vertical Type Round, W13.5cm x H15cm Black, Durable Die - Cast Aluminum Frame Socket, Complete with Necessary Accessories (All Concrete Canopies)	13.00	sets		
	au. Supply of Transformer, 20KV Primary & 240V Secondary 50KVA at	1.00	sets		

	60Hz, Single Phase, Oil Type and Pole Mounted, Complete with All Necessary Accessories				
	av. Termination and Pole Installation of the Required Transformer	1.00	lot		
	aw. 1 1/2" PVC Conduit Pipe	15.00	pc		
	ax. THHN Wire # 8 AWG (Black)	75.00	lm		
	ay. THHN Wire # 6 AWG (Green)	35.00	lm		
	az. THHN Wire # 6 AWG (Black)	125.00	lm		
	ba. Other Electrical Materials and Accessories that will complete the required electrical system works.	1.00	lot		
9 PLUMBING SYSTEM WORKS					
	a. 1/2" (inches) PPR Pipe PN 20	25.00	pc.		
	b. 1/2" (inches) PPR Coupling	25.00	pc.		
	c. 1/2" (inches) PPR Elbow	25.00	pc.		
	d. 1/2" (inches) PPR Tee	25.00	pc.		
	e. 1/2" (inches) PPR Elbow with Thread	25.00	pc.		
	f. 1/2" (inches) PPR Tee with Thread	25.00	pc.		
	g. 1/2" (inches) PPR Female Adaptor	25.00	pc.		
	h. 3/4" (inches) x 1/2" (inches) PPR Reducer	50.00	pc.		
	i. 3/4" (inches) PPR Elbow	45.00	pc.		
	j. 3/4" (inches) PPR Male Adaptor	45.00	pc.		
	k. 3/4" (inches) PPR Coupling	45.00	pc.		
	l. 3/4" (inches) PPR Pipe PN 20	120.00	pc.		
	m. 2" (inches) PVC Pipe series 600	50.00	pc.		

n. 2" (inches) PVC Coupling	45.00	pc.		
o. 2" (inches) PVC Elbow Bend 45° DH	30.00	pc.		
p. 2" (inches) PVC Elbow Bend 90° DH	50.00	pc.		
q. 2" (inches) PVC P-Trap	24.00	pc.		
r. 2" (inches) PVC Clean Out Adaptor and Plug	30.00	pc.		
s. 4" (inches) PVC Pipe Series 600	25.00	pc.		
t. 4" (inches) PVC Coupling	15.00	pc.		
u. 4" (inches) PVC Elbow Bend 45° DH	30.00	pc.		
v. 4" (inches) PVC P-Trap	10.00	pc.		
w. 4" (inches)x2" (inches) PVC Sanitary Tee	10.00	pc.		
x. 4" (inches) x 2" (inches) PVC Wye	30.00	pc.		
y. 4" (inches) PVC Clean-Out Adapter and Plug	20.00	pc.		
z. 6" (inches) PVC Pipe Series 1000	45.00	pc.		
aa. 6" (inches) PVC Coupling	25.00	pc.		
ab. 6" (inches) PVC 200mm Bend 45°	15.00	pc.		
ac. 6" (inches) PVC Wye	10.00	pc.		
ad. 6" (inches) x 4" (inches) PVC Wye	30.00	pc.		
ae. 6" (inches) PVC Clean-Out Adapter & Plug	6.00	pc.		
af. 3/4" (inches) G.I. C-Clamp	100.00	pc.		
ag. 1/2" (inches) G.I. C-Clamp	50.00	pc.		
ah. Shut off valve, LP w/o Screw 3/4" (inches)	20.00	pc.		
ai. Solvent Cement 400cc	20.00	can		
aj. PPR Ball Valve, Pn 20 Series, 3/4" (inches)	13.00	pc.		
ak. Teflon Tape	20.00	pc.		
al. Floor Drain 4" (inches), stainless steel	25.00	pc.		

am.	Angle valve 2 way 1/2" (inches) x 1/2" (inches)	6.00	pc.		
an.	Angle valve Single way 1/2" (inches) x 1/2" (inches)	6.00	pc.		
ao.	Floor Drain 6" (inches), stainless steel	12.00	pc.		
ap.	Check Valve	1.00	pc.		
aq.	High Grade 400mm Wall Hung Ceramic Lavatory Sink With Ceramic Pedestal and Stainless Faucet w/ Complete Accessories	7.00	pc.		
ar.	High Grade 400mm Counter Top Ceramic Lavatory Sink with with Stainless Faucet w/ Complete Necessary Accessories	2.00	pc.		
as.	High Grade Stainless Steel Sink L600mm x W400 x 250mm x 1.5mm Thick w/ Goose Neck Type Faucet w/ Complete Accessories	2.00	pc.		
at.	High Grade One piece Glossy Water Closet L750mm x W390mm x D740mm w/ Complete Necessary Accessories.	3.00	pc.		
au.	High Grade Stainless Chrome Wall Mounted Faucet, Complete with Necessary Accessories.	16.00	pc.		
av.	High Grade Stainless Toilet Hand Held Spray, Complete with Necessary Accessories	3.00	pc.		
aw.	High Grade Wall Mounted Ceramic Urinal, Complete with Necessary Accessories.	2.00	pc.		
ax.	High Grade Pail Flush Toilet, 535mm x 360mm x 368mm, screwed to floor slab, Complete with Necessary accessories.	10.00	pcs		

	ay. Ligature Resistant (Chrome - Plated Brass), Wall Mounted Shower, Prison Grade, Complete with Necessary Accessories	10.00	pcs		
	az. Other Plumbing Accessories and Materials that will complete the required Plumbing System	1.00	lot		
10	TILE WORKS				
	a. 60cm x 60cm Non-skid Ceramic Floor Tiles	2,100.00	pc.		
	b. 60cm x 60cm Glazed Wall Tiles	950.00	pc.		
	c. Tile Adhesive	65.00	bag		
	d. Tile Grout	15.00	bag		
	e. Sand	20.00	cu.m		
	f. Cement	100.00	bag		
	g. 60cm x 240cm Granite Counter Top	14.00	pc		
	h. Granite Accessories	1.00	lot		
	i. Other Tiling Accessories and Materials that will complete the required Tiling Works	1.00	lot		
11	PAINTING WORKS				
	a. Flat Latex, White	60.00	tin		
	b. Semi-Gloss Latex, White	60.00	tin		
	c. Skim Coat	90.00	bag		
	d. Acry-Color, Assorted	75.00	can		
	e. 4" (inches) Paint Brush	80.00	pc.		
	f. 3" (inches) Paint Brush	80.00	pc.		
	g. 2" (inches) Paint Brush	80.00	pc.		
	h. 7" (inches) Roller Brush	60.00	pc.		

	i. 4" (inches) Roller Brush	50.00	pc.		
	j. Sand Paper, Assorted	50.00	doz.		
	k. Stopa Rug	50.00	kg.		
	l. Masking Tape	75.00	pc.		
	m. Putty Knife	25.00	pair		
	n. Quick Drying Enamel, Black	25.00	gal.		
	o. Paint Thinner	30.00	gal.		
	p. Mesh Tape, 30m	20.00	rolls		
	q. Fiber Cement Putty /Jointing Compound, 25kg	20.00	pail		
	r. Epoxy Primer, Gray	50.00	gal.		
	s. Lacquer Thinner	15.00	gal.		
	t. Quick Drying Enamel, Brown	15.00	gal.		
	u. Tinting Color for Enamel, Assorted	5.00	cans		
	v. Other Painting Accessories and Materials that will complete the required painting works	1.00	lot		
12 FABRICATED MATERIALS					
	a. (D - 1) 0.3m x 2.10m & 0.80m x 2.10m Double (Uneven) Leaf Panel Door, 1 1/2" (inches) Thick, Solid Wood Panel, 2" (inches) x 6" (inches) Wood Door Jamb, High Grade/Heavy Duty Lever Type Door Knob and Door Closer, 3 sets of 3.5 x 3.5 inches Ball Bearing Stainless Steel Hinges, Varnish Finish, Complete with Necessary Accessories	4.00	set/s		
	b. (D - 2) 0.90m x 2.10m Panel Door with Frosted Glass, 1 1/2" (inches) Thick, Solid Wood Panel, 2" (inches) x 6" (inches)	3.00	set/s		

Wood Door Jamb, 12mm Thick Tempered Glass with Frosted Sticker, High Grade/Heavy Duty Lever Type Door Knob and Door Closer, 3 sets of 3.5 x 3.5 inches Ball Bearing Stainless Steel Hinges, Varnish Finish, Complete with Necessary Accesories				
c. (D - 3) 0.80m x 2.10m Panel Door with Louvers , 1 1/2" (inches) Thick, Solid Wood Panel, 2" (inches) x 6" (inches) Wood Door Jamb, Wooden Louvers, High Grade/Heavy Duty Lever Type Door Knob and Door Closer, 3 sets of 3.5 x 3.5 inches Ball Bearing Stainless Steel Hinges, Varnish Finish, Complete with Necessary Accesories	9.00	set/s		
d. (SD - 1) 0.80m x 2.10m Steel Grill Door, 2" (inches) x 4" (inches) x 1.5mm GI Tubular Steel Door Frame & 2" (inches) x 3" (inches) x 1.5mm GI Tubular Steel Door Jamb, 1 inch Square Bar Horizontal Grill, 1" (inches) x 1/4" (inches) Flat Bar Glass Frame with 1/2" (inches) Thick Laminated Tempered Glass, With Prefabricated Barrel Bolt Door Lock & 3/4" (inches) Cylindrical Hinges, Complete with Necessary Accesories	9.00	set/s		
e. (SD - 2) 2 - 0.80m x 2.10m Double Steel Grill Door, 2" (inches) x 4" (inches) x 1.5mm GI Tubular Steel Door Frame & 2" (inches) x 3" (inches) x 1.5mm GI Tubular Steel Door Jamb, 1 inch Square Bar Horizontal Bars, 1"	3.00	set/s		

(inches) x 1/4" (inches) Flat Bar Glass Frame with 1/2" (inches) Thick Laminated Tempered Glass, With Prefabricated Barrel Bolt Door Lock & 3/4" (inches) Cylindrical Hinges, Complete with Necessary Accessories				
f. (W - 1) 0.80m x 2.40m Awning & Fixed Window, 6 panels, 6mm thick Tempered Bronze Glass Series 38 High Grade Aluminum Frame, Complete with necessary accessories	5.00	set/s		
g. (W - 2) 1.60m x 1.20m Awning & Fixed Window, 5 panels, 6mm thick Tempered Bronze Glass Series 38 High Grade Aluminum Frame, Complete with necessary accessories	6.00	set/s		
h. (W - 3) 0.60mx0.60m Awning Window, Single panel, 6mm thick Tempered Bronze Glass Series 38 High Grade Aluminum Frame, Complete with necessary accessories	19.00	set/s		
i. (W - 4) 1.30m x 2.35m Awning & Fixed Window, 10 panels, 6mm thick Tempered Bronze Glass Series 38 High Grade Aluminum Frame, Complete with necessary accessories	8.00	set/s		
j. (W - 5) 0.60m x 1.70m Awning Window, 3 panels, 6mm thick Tempered Bronze Glass Series 38 High Grade Aluminum Frame, Complete with necessary accessories	2.00	set/s		

k. (W - 6) 0.60m x 1.20m Awning Window, 2 panels, 6mm thick Tempered Bronze Glass Series 38 High Grade Aluminum Frame, Complete with necessary accessories	6.00	set/s		
l. (W - 7) 1.43m x 1.20m Awning Window, 2 panels, 6mm thick Tempered Bronze Glass Series 38 High Grade Aluminum Frame, Complete with necessary accessories	1.00	set/s		
m. (W - 8) 2.50m x 1.20m Awning and Fixed Window, 4 panels, 6mm thick Tempered Bronze Glass Series 38 High Grade Aluminum Frame, Complete with necessary accessories	1.00	set/s		
n. (W - 9) 2.40m x 1.60m Awning and Fixed Window, 9 panels, 6mm thick Tempered Bronze Glass Series 38 High Grade Aluminum Frame, Complete with necessary accessories	1.00	set/s		
o. (WSG - 1) 0.80m x 2.40m Window Security Steel Grills, 1" (inches) x 2" (inches) x 2.5mm Thick Tubular Frame & 1 inch Square Bar Vertical Grill, Complete with necessary accessories	5.00	set/s		
p. (WSG - 2) 1.60m x 1.20m Window Security Steel Grills, 1" (inches) x 2" (inches) x 2.5mm Thick Tubular Frame & 1 inch Square Bar Vertical Grill, Complete with necessary accessories	6.00	set/s		

q. (WSG - 3) 0.60m x 0.60m Window Security Steel Grills, 1" (inches) x 2" (inches) x 2.5mm Thick Tubular Frame & 1 inch Square Bar Vertical Grill, Complete with necessary accessories	19.00	set/s		
r. (WSG - 4) 1.60m x 2.40m Window Security Steel Grills, 1" (inches) x 2" (inches) x 2.5mm Thick Tubular Frame & 1 inch Square Bar Vertical Grill, Complete with necessary accessories	8.00	set/s		
s. (WSG - 5) 0.60m x 1.70m Window Security Steel Grills, 1" (inches) x 2" (inches) x 2.5mm Thick Tubular Frame & 1 inch Square Bar Vertical Grill, Complete with necessary accessories	2.00	set/s		
t. (WSG - 6) 0.60m x 1.20m Window Security Steel Grills, 1" (inches) x 2" (inches) x 2.5mm Thick Tubular Frame & 1 inch Square Bar Vertical Grill, Complete with necessary accessories	6.00	set/s		
u. (SG - 1) Height = 1.10m Window Security Steel Grills, 1" (inches) x 2" (inches) x 2.5mm Thick Tubular Frame & 1 inch Square Bar Vertical Grill, 1 1/2" (inches) x 1/4" (inches) Thick Flat Bar Framing with 12mm Thick Laminated Tempered Glass, Complete with necessary accessories	30.00	lm.		

<p>v. (SG - 2) Height = 1.10m Window Security Steel Grills, 1" (inches) x 2" (inches) x 2.5mm Thick Tubular Frame & 1 inch Square Bar Vertical Grill, 1 1/2" (inches) x 1/4" (inches) Thick Flat Bar Framing with 12mm Thick Laminated Tempered Glass, Complete with necessary accessories</p>	<p>16.00</p>	<p>lm.</p>		
<p>w. Nurse Station Laminated Glass Window Security Grill, 1.20m x 3.0 Window Security Steel Grills, 1" (inches) x 2" (inches) x 2.5mm Thick Tubular Frame & 1 inch Square Bar Vertical Grill, 1 1/2" (inches) x 1/4" (inches) Thick Flat Bar Framing with 12mm Thick Laminated Tempered Glass, Complete with necessary accessories</p>	<p>4.00</p>	<p>sets</p>		
<p>x. Pipe Chase Area Double Fold Steel Door, 2 - Width = 0.425m x Height = 3.40m, 2" (inches) x 3" (inches) x 2.0mm Thick BI Tubular Steel Door Frame and 1" (inches) x 1" (inches) x 2.0mm BI Tubular Steel Grill, With Barrel Bolt Lock and 3/4" (inches) Heavy Duty Cylindrical Hinges, Complete with necessary accessories</p>	<p>4.00</p>	<p>set/s</p>		
<p>y. Observation Room and Isolation Room 25mm Thick Solid Compact Laminated Phenolic Board Partition, 825mm x 1300mm Fixed Partition & 800mm x 1300mm Door, Complete with All Necessary Accessories</p>	<p>4.00</p>	<p>sets</p>		

z. Observation Room Grill Partition, 1.10m x 1.575m, 2" (inches) x 3" (inches) x 2.0mm BI Tubular Framing and 1" (inches) x 1" (inches) x 2.0mm BI Tubular Vertical Grill, Complete With Necessary Accessories	2.00	sets		
aa. 0.80m x 1.30m x 25mm Thick Solid Compact Laminated Phenolic Panel Board, Complete with All Necessary Accessories	12.00	sets		
ab. Fabricated High Grade Aluminum Composite Modular Panel & Aluminum Framing Drawers and Cabinet under Granite Counter Top at Nurse Stations , Complete with Necessary Accessories, (Verify Sheet 9 of Architectural Plans for Details)	1.00	lot		
ac. 2.20m x 2.10 x 3/4" (inches) Thick Marine Plywood Fabricated Cabinet at Linen Room , Complete with Necessary Accessories, Semi Duco Finish	2.00	set/s		
ad. Fabricated 8 - Capacity Granite Table and Chair Framing for Pantries (1 pc - 0.70m x 2.40m Table and 2 pcs. - 0.3m x 2.40m Chairs), 2" (inches) x 2" (inches) x 2.0mm Thick BI Tubular Main Framing, Complete with all Necessary Accessories	2.00	sets		
ae. 0.60m x 2.45m Fabricated Concrete (3000psi) Hand Washing Counter w/ 10mm Diameter DSB Grade 40 Reinforcement (Ground	2.00	sets		

	and Second Floor Ward), Ceramic Tile Finishing, Complete with All Necessary Accessories				
	af. 0.60m x 1.80m Fabricated Concrete (3000psi) Hand Washing Counter w/ 10mm Diameter DSB Grade 40 Reinforcement (Ground and Second Floor Pantry), Ceramic Tile Finishing, Complete with All Necessary Accessories	2.00	sets		
	ag. 0.70m x 1.80m x 3/4" (inches) Thick Marine Plywood Fabricated Cabinet under Hand Washing Counter at Pantry Areas, Varnish Finish, Complete with All Necessary Accessories	2.00	sets		
	ah. 0.95m x 0.75m x 0.75m Fabricated Window Type Aircon Housing, 2" (inches) x 2" (inches) x 2.0mm Thick BI Tubular, Complete with All Necessary Accessories	3.00	sets		
	ai. 2.20m x 2.10m High Grade PVC Accordion Partition, 12.50 centimeter fold panel, Complete with All Necessary Accessories	2.00	sets		
	aj. Supply and Installtion of High Grade Aluminum Composite Panel Cladding on All Required Areas as per Plan Specifications, Complete with All Necessary Accessories	140.00	sq.m		
13	HVAC System				
	a. 2.5 Horse Power Heavy Duty Window - Type Airconditioning Unit Silent	2.00	set		

	Type, Inverter, Digital ThermoStat with Remote, Complete with All Neccessary Accessories, Branded				
	b. 2.0 Horse Power Heavy Duty Window - Type Airconditioning Unit Silent Type, Inverter, Digital ThermoStat with Remote, Complete with All Neccessary Accessories, Branded	1.00	set		
14	SEPTIC TANK AND CONCRETE CANAL WITH COVER AND CATCH BASIN				
	a.Cement	350.00	pc.		
	b.Sand	50.00	cu.m		
	c.Gravel	75.00	cu.m		
	d.10mm,DSB, Grade 40,	2,000.00	kg		
	e. Cementitious Water Proofing	10.00	gal		
	f.#16 G.I. Tie Wire	25.00	pc.		
	g.1/2 Phenolic Board	12.00	pc.		
	h.2" (inches) x 3" (inches) x 12' (feet)Coco Lumber	25.00	pc.		
	i. 6" (inches) PVC Pipe Series 1000	5.00	pc.		
	j. 4" (inches) PVC Pipe series 600	5.00	pc.		
	k.6" (inches) PVC Wye	5.00	pc.		
	l. 4" (inches) PVC Wye	5.00	pc.		
	m. 6" (inches) x 4" (inches) PVC Reducer	5.00	pc.		
	n. 6" (inches) PVC Clean-Out Adapter & Plug	5.00	pc.		
	o. 4" (inches) PVC Clean Out	5.00	pc.		
	p. Solvent Cement 400cc	5.00	pc.		
	q. 6" (inches) CHB	500.00	pc.		

	r.2" (inches) PVC Pipe	15.00	pc.		
	s. 12mm Round Plain Bar, 6m	5.00	pc.		
	t. Other Septic Tank Necessary Accessories and Materials	1.00	lot		
15	MISCELLANEOUS				
	A. Building Signages				
	a. National Center for Mental Health Logo, 1.0 meter diameter, High Grade Panaflex Material with LED Lighting, Weather Resistant, Complete with Necessary Accessories	2.00	set/s		
	b. Stainless Steel High Grade Embossed Letters, 400mm High, 2 sets - " PAVILION 4" with LED Strip Warm White Backlighting, Complete with Necessary Accessories	18.00	set/s		
	c. Stainless Steel High Grade Embossed Letters, 275mm High, " FORENSIC PSYCHIATRY COMPLEX" with LED Strip Warm White Back Lighting , Complete with Necessary Accessories	25.00	sets		
	d. Acrylic Board 9" (inches) x 15" (inches) w/ Reflectorized Sticker Lettering for Room Signages With Mounting Accessories, Complete with All Necessary Accessories	30.00	set/s		
	B. Fire Detection and Alarm System				
	a. Addressable Fire Alarm Bell, 6 inches, 95 dB,	4.00	set/s		

	Complete with Necessary Accessories				
	b. Addressable Fire Sounder Strobe, 110 dB, Complete with Necessary Accessories	4.00	set/s		
	c. Addressable Manual Call Point, Emergency Press Alarm, Complete with Necessary Accessories	4.00	set/s		
	d. Addressable Photoelectric Smoke Detector, 85dB, Complete with Necessary Accessories	34.00	set/s		
	e. Addressable Heat Detector, Complete with Necessary Accessories	4.00	sets		
	f. Addressable LCD Annunciator with 80 Character Display, Complete with Necessary Accessories	2.00	sets		
	g. Addressable Fire Alarm Control Panel with LCD Display, Complete with Necessary Accessories	1.00	lot		
	h. FDAS Wiring, Conduits and Other Necessary Accessories to Complete the System	1.00	lot		
	i. Fire Extenguisher "ABC" With Wall Bracket , Complete with Necessary Accessories	6.00	pc.		
C. CCTV, Telecommunications, WiFi System and Others					
	a. Network Switches, 24 - port switch, 24x10/100/1000 POE, 10/100/1000 4 SFP, 4GB Flash Memory and 4 GB DRAM	2.00	sets		
	b. Data Cabinet, H = 2ft. x W = 2ft. x D = 20in, Glass Front Door w/ Cam Lock,	2.00	sets		

	Wall Mounted, Complete with Accessories				
	c. IP Phones, With 2.8" (inches) Color Display (320 x 240 pixels), Complete with Necessary Accessories	3.00	sets		
	d. Information Outlet Cat 6, 2 Ports with 2 Gang Faceplate , Complete Set	6.00	sets		
	e. Wireless Access Point, Ceiling Mounted, Complete with Accessories	3.00	sets		
	f. 16 Channel Surveillance Server/Network Video Recorder, 8TB, Complete with Accessories	2.00	sets		
	g. 43" (inches) LED Display Google TV w/ Google Assistant with HDMI and VGA, Complete with accessories and mounting kits, 4K (3840 x 2160 pixels) Processor X1, 4K x Reality Pro	2.00	sets		
	h. Security Camera, Dome Type with Complete Accessories	26.00	sets		
	i. Cat 6 Cable, 305m	10.00	box		
	j. HDMI Cable	20.00	lm		
	k. Utility Box	35.00	pcs		
	l. 1/2 Flexible Hose	5.00	rolls		
	m. Telephone Jacketed Wire, #22	2.00	rolls		
	n. 1 Gang Telephone Outlet with Plate Wide	2.00	pcs		
	o. Corded Landline Telephone Single Line, Black with Mute Button, Flash Button, Pause Button, Redial Button, Numeric Keypad, High & Low Ringer Selector and Wall Mountable, Complete with all Necessary Accessories	2.00	set		

	p. 1/2 PVC Pipe	125.00	pcs		
	q. CCTV, Telecommunications and Wifi System Other Materials and Accessories	1.00	lot		
D. Generator Set Housing					
	a. 3500psi Concrete at 28 Days	3.00	cu.m		
	b. Gravel	2.00	cu.m		
	c. Sand	2.00	cu.m		
	d. Cement	10.00	bag		
	e. 6" (inches) CHB	42.00	pcs		
	f. 10mm, DSB, Grade 40	75.00	kg.		
	g. #16 G.I. Tie Wire	2.00	kg.		
	h. 2" (inches) x 6" (inches) x 3.0mm Thick Tubular, Bl	7.00	pc.		
	i. 2" (inches) x 2" (inches) x 2.0mm Thick Tubular, Gl	7.00	pc		
	j. 2" (inches)x 3" (inches)x 2.0mm Thick Tubular, Bl	4.00	pc.		
	k. 1 1/2" (inches) x 3/16" (inches) Angle Bar	22.00	pc.		
	l. 2" (inches) x 2" (inches) x 3/16" (inches) Steel Matting, 4'x8' (feet)	20.00	pc		
	m. 0.5mm Rib - Type Roofing, Green	30.00	lm		
	n. 10mm Thick Double Sided Insulation Foam	30.00	lm		
	o. 2 1/2 Tek Screw	66.00	pcs		
	p. E27 Welding Rod, 2.5mm x 325mm	25.00	kg.		
	q. Cutting Disc, 4" (inches)	4.00	box		
	r. Cut - Off Disc, 12" (inches)	3.00	pc.		
	s. Grinding Disc, 4" (inches)	3.00	pc.		
	t. Polytuff with Hardener	1.00	liter		

	u. Silicon Sealant	3.00	tube		
E. Water Storage Tank and Tower					
	a. Stainless Steel Cylindrical Water Storage Tank Vertical Type, 2600 liters, 1.51m x 2.31m (D x H), with size #1 Floating Valve Complete with Necessary Accessories	1.00	set		
	b. Stainless Steel Pressure Tank, 82 Gallon, with Pressure Switch and Gauge, Complete with Necessary Accessories	1.00	set		
	c. W 8 x 24, 6m, Wide Flange A36	5.00	pc.		
	d. 16mm Thick MS Plate, A36, 4' (feet) x 8' (feet)	2.00	pc		
	e. 300mm x 350mm x 16mm Thick MS Plate w/ 8 - 22mm Ø	4.00	sets		
	f. 20mmØ x 550mm Anchor Bolt, A307 w/ Standard Nuts and Washer, Complete with Necessary Accessories	32.00	pc.		
	g. 2" (inches) x 6" (inches) x 6.0mm Thick Tubular, Bl	8.00	pc.		
	h. 2" (inches) x 2" (inches) x 2.0mm Thick Tubular, Bl	1.00	pc.		
	i. 1" (inches) x 2" (inches) x 1.5mm Thick Tubular, Bl	5.00	pc.		
	j. 1 1/2" (inches) GI Pipe, Schedule 40	1.00	pc.		
	k. 1" (inches) GI Pipe, Schedule 40	2.00	pc.		
	l. 3500 psi Concrete at 28 Days	2.00	cu.m		
	m. 16mm, DSB, Grade 60	200.00	kg.		
	n. 10mm, DSB, Grade 40	40.00	kg.		

	b. #16 G.I. Tie Wire	10.00	kg.		
	p. Formworks	2.00	sq.m		
	q. 1.5 hp Centrifugal Water Pump, w/ switch and other necessary accessories	1.00	set		
	r. Epoxy Primer, Gray	9.00	gal.		
	s. Quick Drying Enamel, Black	10.00	gal.		
	t. Lacquer Thinner	4.00	gal.		
	u. Paint Thinner	4.00	gal.		
	v. 4" (inches) Roller Brush	10.00	pc.		
	w. 2" (inches) Roller Brush	10.00	pc.		
	x. Concrete Nail 3" (inches)	1.00	kg.		
	y. Nylon String	1.00	roll		
	z. E27 Welding Rod, 2.5mm x 325mm	40.00	kg.		
F. Landscaping					
	a. Garden Soil (Loamy Soil)	10.00	cu.m		
	b. Supply and Installation of Ornamental Landscaping Tropical Outdoor Plants on All Required Areas	1.00	lot		
G. Other Bathroom Accessories					
	a. 304 High Grade Stainless Steel Tissue, Towel and Soap Holder, Complete With Necessary Accessories (Doctor's Room & (2) Nurse Station)	3.00	set		
	b. 40cm x 50cm Vanity Mirror, Frameless Glass, Wall Installation, Complete with Necessary Accessories	3.00	pc		

16	PROVISIONAL ITEM				
	a. Provisional Materials' Quantities	1.00	lot		
	b. Processing of Building Permit and Other Required Permits, Complete with Necessary Documents	1.00	lot		
17 CLEARING/GRUBBING/HAULING					
	a. Hauling of Demolished Materials	1.00	lot		
	b. Hauling of Excavated Soil	1.00	lot		
	c. Demobilization/Exportation of remaining debris	1.00	lot		

Submitted by:

Name and Signature of Bidders Authorized Representative

Date: _____

Position

Name of Bidder