



REPUBLIC OF THE PHILIPPINES  
Department of Health  
**NATIONAL CENTER FOR MENTAL HEALTH**  
Nueve de Febrero Street, Mandaluyong City, Philippines  
**BIDS AND AWARDS COMMITTEE**



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**SECTION VIII**  
**Bill of Quantities**  
**(INFRA – IB NO. 004 – 2024)**

**Public Bidding for Infrastructure Project No. 04-2024 - Construction of  
Ambulance Bay Parking with Office CY 2024**

ITEM NO.	DESCRIPTION	QUANTITY	UNIT	UNIT COST	AMOUNT
<b>1</b>	<b>GENERAL REQUIREMENTS</b>				
	a. Mobilization	1.00	lot		
	b. Temporary facility	1.00	lot		
	c. 8' x 8' COA Billboard	1.00	pc.		
	d. 4' x 8' Project Tarpaulin	1.00	pc.		
	e. 1/2" Plywood	4.00	pc.		
	f. Lumber, Assorted	5.00	bd.ft		
	g. Common Wire Nails, Assorted	2.00	kg.		
	h. Safety Signages	1.00	lot		
				<b>SUB-TOTAL</b>	
<b>2</b>	<b>DEMOLITION WORKS</b>				
	a. Demolition of Existing Structure and Roofing	40.00	sq.m		
				<b>SUB-TOTAL</b>	
<b>3</b>	<b>EARTH WORKS</b>				
	a. Excavation (adobe soil)	20.00	cu.m		
	b. Gravel 3/4	22.00	cu.m		
	c. Soil Poisoning	210.00	sq.m		
	d. Backfilling	100.00	cu.m		
				<b>SUB-TOTAL</b>	
<b>4</b>	<b>CONCRETE WORKS</b>				
	a. Concrete, 4500 psi	18.00	cu.m		
	b. Concrete, 3500 psi	28.00	cu.m		
	c. 16mm Ø Deformed Steel Bars. Gr. 60	1,100.00	kg		
	d. 10mm Ø Deformed Steel Bars. Gr. 40	1,600.00	kg		
	e. #16 G.I. Tie Wire	50.00	kg		
	f. Formworks	120.00	sq.m		
	g. Common Wire Nails, Assorted	8.00	kg.		

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Representative:

		SUB-TOTAL		
<b>5</b>	<b>MASONRY WORKS</b>			
	a. 6" CHB	850.00	pc.	
	b. 4" CHB	550.00	pc.	
	c. #16 G.I. Tie Wire	30.00	kg.	
	d. Nylon String	5.00	roll	
	e. Concrete Nail, Assorted	18.00	kg.	
	f. Cement	20.00	bag	
	g Sand	13.00	cu.m	
	h. 10mm Ø Deformed Steel Bars. Gr. 40	110.00	kg	
		SUB-TOTAL		
<b>6</b>	<b>CEILING SYSTEM WORKS</b>			
	a. 4' x 8' x 4.5mm Thick Fiber Cement Board	5.00	pc.	
	b. 3/4 Black Screw	180.00	pc.	
	c. Wall Angle, 25mm x 25mm x 0.5mm, 3m	6.00	pc.	
	d. W-Clip	36.00	pc.	
	e. Hanger Rod, 10mm Diameter	18.00	pc.	
	f. Concrete Nail, Assorted	10.00	kg.	
	g. Drill Bit, Assorted	20.00	pc.	
	h. 19mm x 25mm x .40mm THK, 5m Double metal Furring	8.00	pc.	
	i. Blind Rivet, Assorted	8.00	box	
	j. 12mm x 38mm x .8mm THK Carrying Channel (5m)	4.00	pc.	
		SUB-TOTAL		
<b>7</b>	<b>ROOFING SYSTEM WORKS AND OTHER STEEL WORKS</b>			
<b>A</b>	<b>Main Roofing</b>			
	a. 300mm x 700mm x 25mm Thick MS Plate w/ 10-18mm dia. Hole, A36 (BP - 1)	6.00	sets	
	b. 250mm x 250mm x 16mm Thick MS Plate w/ 4-14mmØ Hole, A36 (BP-2)	6.00	sets	
	c. 200mm x 200mm x 10mm Thick MS Plate w/ 4-14mmØ Hole, A36 (EP-3)	11.00	sets	
	d. 16mmØ x 450mm Anchor Bolt, A307 w/ Standard Nuts and Washer, Complete with Necessary Accessories (AB-1)	60.00	sets	
	e. 12mmØ x 200mm Anchor Bolt, A307 w/ Standard Nuts and Washer, Complete with Necessary Accessories (AB-2)	60.00	sets	

	f. Fabricated Stiffener Plate (SP - 1) Length 420mm & 315mm x Height = 150 mm x Thickness = 5mm	6.00	sets		
	g. Stiffener Plate (SP - 2) 50mm x 50mm x 3mm Thick Fabricated Triangular w/ 25mm cuts	130.00	sets		
	h. Fabricated Stiffener Plate (SP - 3) Length= 100mm x Height = 100mm x Thickness = 6mm	9.00	sets		
	i. Fabricated Stiffener Plate (SP - 3) Length= 100mm x Height = 100mm x Thickness = 10mm	12.00	sets		
	j. Stiffener Plate (SP - 4) 50mm x 50mm x 6mm Thick Fabricated Triangular w/ 25mm cuts	44.00	sets		
	k. 2" (inches) x 6" (inches) x 3.0mm Thick Tubular, GI	45.00	pc		
	l. 2" (inches) x 6" (inches) x 3.0mm Thick Tubular, BI	9.00	pc		
	m. 2" (inches) x 3" (inches) x 2mm Thick Tubular, GI	5.00	pc		
	n. 2" (inches) x 3" (inches) x 1.5mm Thick Tubular, GI	65.00	pc		
	o. 1 1/2" x 1/4 Angle Bar	2.00	pc		
	p. 0.5mm Thick GI Sheet Fascia Flashing, 16" (inches)x8' (feet), Brown	32.00	pc.		
	q. 0.5mm x 1040mm Nominal Width Thick GI Rib-Type Roofing, Blue	200.00	lm		
	r. 4' x 8' x 10mm Thick Polycarbonate Solid Sheet, Brown, with Complete Necessary Installation Accessories	3.00	pc.		
	s. 2mm Thick MS Plain Sheet	1.00	pc.		
	t. 10mm Thick Double Sided Insulation Foam	200.00	lm		
	u. 3/8" x 3' Polyethelene Screen	180.00	lm		
		<b>TOTAL (A)</b>			
<b>B</b>	<b>Hardware Materials and Accessories</b>				
	a. E27 Welding Rod, 2.5mm x 325mm	250.00	kg		
	b. Cutting Disc, 4" (inches)	10.00	box		
	c. Cut - Off Disc, 12" (inches)	10.00	pc.		
	d. 2 1/2 " (inches) Tek Screw	2,500.00	pc.		
	e. Grinding Disc, 4" (inches)	10.00	pc.		
	f. Polytuff with Hardener	5.00	liters		
	g. Silicon Sealant	10.00	tube		
	h. Blind Rivets 1/8" (inches) x 1/2" (inches)	15.00	box		
	i. Elastomeric Sealant	15.00	liters		
	j. Drill Bit, Assorted	25.00	pc.		

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		<b>TOTAL (B)</b>		
		<b>SUB-TOTAL</b>		
<b>8</b>	<b>ELECTRICAL WORKS</b>			
	a. Weatherproof Housing Economy 2x4ft, Polycarbonate Housing + Metal Sheet Powdercoated with 2x20W Led Tube, Complete with Necessary Accessories	7.00	pc.	
	b. 2x18W Led Tube, Louverized, Complete with Accessories	1.00	set	
	c. 12W Led Recessed Downlight, Complete with Necessary Accessories	2.00	set	
	d. Led Solar Street Light, 100W, Premium Industrial Type with pole arm with Complete Necessary Installation Accessories	1.00	set	
	e. 4.5 meters Galvanized Octagonal Street Light Pole, 6mm Thickness, 150mm Base Diameter & 60mm Top Diameter, Square Baseplate with Slotted Hole for A307 Anchor Bolts with Concrete Pedestal and Footing, Complete with All Necessary Accessories	1.00	set	
	f. THHN Wire #14 (150m roll)	3.00	roll	
	g. THHN Wire #12 (150mm roll)	3.00	roll	
	h. 3 Gang switch	2.00	set	
	i. 2 Gang switch	4.00	set	
	j. High Grade Duplex Universal Outlet with Ground – Complete set	5.00	pc.	
	k. Aircon Tandem Outlet with Ground – Complete set	1.00	pc.	
	l. 40A Circuit Breaker bolt-on type	6.00	pcs	
	m. Panel board, 8-branch circuit	1.00	pc.	
	n. 5/8" Copper Weld Ground Rod (2.4 m rod), Complete set	1.00	pc.	
	o. 3/4" PVC Conduit Pipe (3m)	20.00	pc.	
	p. Junction Box	20.00	pc.	
	q. Utility Box	10.00	pc.	
	r. Electrical Tape	10.00	pc.	
	s. All purpose adhesive	10.00	pc.	
	t. 10" Ceiling Mounted exhaust fan	1.00	pc.	
		<b>SUB-TOTAL</b>		
<b>9</b>	<b>PLUMBING WORKS</b>			
	a. 1/2" (inches) PPR Pipe PN 20	3.00	pc.	
	b. 1/2" (inches) PPR Elbow	5.00	pc.	
	c. 1/2" (inches) PPR Tee	2.00	pc.	
	d. 1/2" (inches) PPR Elbow with Thread	2.00	pc.	

	e. 3/4" (inches) x 1/2" (inches) PPR Elbow Reducer	3.00	pc.			
	f. 3/4" (inches) PPR Elbow	5.00	pc.			
	g. 3/4" (inches) PPR Tee	2.00	pc.			
	h. 3/4" (inches) PPR Coupling	2.00	pc.			
	i. 3/4" (inches) PPR Pipe PN 20	8.00	pc.			
	j. 2" (inches) PVC Pipe series 600	4.00	pc.			
	k. 2" (inches) PVC Elbow Bend 90° DH	2.00	pc.			
	l. 2" (inches) PVC P-Trap	3.00	pc.			
	m. 4" (inches) PVC Pipe Series 600	8.00	pc.			
	n. 4" (inches) PVC Coupling	2.00	pc.			
	o. 4" (inches) PVC Elbow Bend 45° DH	5.00	pc.			
	p. 4" (inches) PVC Wye	1.00	pc.			
	q. 4" (inches) x 2" (inches) PVC Wye	3.00	pc.			
	r. 4" (inches) PVC Clean-Out Adapter and Plug	1.00	pc.			
	s. 6" (inches) PVC Pipe Series 1000	2.00	pc.			
	t. 6" (inches) x 4" (inches) PVC Wye	1.00	pc.			
	u. 6" (inches) PVC Clean- Out Adapter & Plug	1.00	pc.			
	v. 3/4" (inches) G.I. C-Clamp	10.00	pc.			
	w. 1/2" (inches) G.I. C-Clamp	10.00	pc.			
	x. Solvent Cement 400cc	2.00	can			
	y. Gate Valve	2.00	pc.			
	z. Teflon Tape	2.00	pc.			
	aa. Floor Drain 4" (inches), stainless steel	2.00	pc.			
	ab. High Grade Stainless Chrome Wall Mounted Faucet, Complete with Necessary Accessories.	1.00	pc.			
	ac. High Grade One piece Glossy Water Closet L750mm x W390mm x D740mm w/ Complete Necessary Accessories.	1.00	pc.			
	ad. High Grade 400mm Wall Hung Ceramic Lavatory Sink With Ceramic Pedestal and Stainless Faucet w/ Complete Accessories	1.00	pc.			
		<b>SUB-TOTAL</b>				
<b>10</b>	<b>PAINTING WORKS</b>					
	a. Flat Latex, White, 16L	2.00	tin			
	b. Semi-Gloss Latex, White, 16L	2.00	tin			
	c. Skim Coat, 25 kg. bag	8.00	bag			
	d. Acry-Color, Assorted	5.00	liters			
	e. 4" (inches) Paint Brush	15.00	pc.			
	f. 3" (inches) Paint Brush	15.00	pc.			
	g. 2" (inches) Paint Brush	15.00	pc.			
	h. 4" (inches) Roller Brush	15.00	pc.			
	i. 7" (inches) Roller Brush	15.00	pc.			

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	j. Sand Paper, Assorted	10.00	doz.		
	k. Masking Tape	30.00	pc.		
	l. Stopa Rug	8.00	kg		
	m. Paint Thinner	15.00	gal		
	n. Epoxy Primer, Gray	40.00	gal		
	o. Paleta	5.00	pair		
	p. Lacquer Thinner	12.00	gal		
	q. Quick Drying Enamel, Black	40.00	gal		
	r. Alkyd Reflectorized Traffic Paint, Yellow	5.00	gal		
	s. Alkyd Reflectorized Traffic Paint, Black	1.00	gal		
		<b>SUB-TOTAL</b>			
<b>11</b>	<b>TILING WORK</b>				
	a. 60cm x 60cm Homogeneous Floor Tiles	35.00	pc.		
	b. 60cm x 60cm Non-skid Ceramic Floor Tiles	10.00	pc.		
	c. 60cm x 60cm Glaze Ceramic Wall Tiles	25.00	pc.		
	d. Cement	5.00	bag		
	e. Tile Adhesive	8.00	bag		
	f. Tile Grout	4.00	bag		
	g. Diamond Cutting Disc	35.00	pc.		
	h. Sand	3.00	cu.m		
	i. Water Resistant and Dust Resist Grout Sealer with painting brush	12.00	set		
		<b>SUB-TOTAL</b>			
<b>12</b>	<b>FABRICATED MATERIALS</b>				
	a. (D-1) 1.68m x 2.1m Double Sliding Panel Door, UPVC Frame, 6mm THK tempered brown glass, with lock, Complete Accessories	1.00	set		
	b. (D-2) 0.7m x 2.1m Panel Door, 5"x1 3/4", Solid Wood w/ 2"x6" Jamb , Complete Accessories, Varnish Finish, Ball Type Door Knob	1.00	set		
	c. (W-1) - 1.2m x1.2m sliding glass window with nylon screen, with UPVC frame and 6mm THK tempered brown glass	2.00	pc.		
	d. (W-2) - 0.6m x 0.6m awning window (1 panels), with Series 38 Aluminum frame and 6mm THK tempered brown glass	1.00	pc.		
	e. (W-3) - 1.2m x 1.2m transaction glass window, with UPVC Frame and 6mm	1.00	set		

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	Thick Tempered Clear Glass, with 300mm width concrete Counter				
		<b>SUB-TOTAL</b>			
<b>13</b>	<b>HVAC</b>				
	a. 2 Horse Power Heavy Duty Split - Type Airconditioning Unit Silent Type, Inverter, Digital ThermoStat with Remote, Complete with All Neccessary Accessories, Branded	1.00	set		
		<b>SUB-TOTAL</b>			
<b>14</b>	<b>SEPTIC TANK</b>				
	a.Cement	15.00	pc.		
	b.Sand	2.00	cu.m		
	c.Gravel	4.00	cu.m		
	d.10mm,DSB, Grade 40,	2.00	kg		
	e. #16 G.I. Tie Wire	5.00	kg.		
	f. 6" (inches) PVC Pipe Series 1000	2.00	pc.		
	g.6" (inches) PVC Tee	5.00	pc.		
	h. 6" (inches) PVC Clean- Out Adapter & Plug	4.00	pc.		
	i. Solvent Cement 400cc	15.00	can		
	j. 6" (inches) CHB	130.00	pc.		
		<b>SUB-TOTAL</b>			
<b>15</b>	<b>MISCELLANEOUS</b>				
<b>A</b>	<b>BUILDING SIGNAGES</b>				
	a. National Center for Mental Health Logo, 1.0 meter diameter, High Grade Panaflex Material with LED Lighting, Weather Resistant, Complete with Necessary Accessories	1	set/s		
	b. Stainless Steel High Grade Embossed Letters, 275mm High, "TRANSPORT SECTION" with LED Strip Warm White Back Lighting , Complete with Necessary Accessories	16	sets		
		<b>SUB-TOTAL (A)</b>			
<b>B.</b>	<b>CCTV</b>				
	a. 4 Channel Surveillance Server/Network Video Recorder, 8TB, Complete with all necessary accessories	130	unit		
	b.UTP cable, CAT 6 Indoor, 24 AWG, HDPE(305 meters per box)	1	set		
	c. Security Camera dome type, atleast 8MP,30 IR Length,2.8 Lens	4	unit		
	d.32 inches LED Display with HDMI, VGA and USB LCD Monitor, Complete with necessary accessories	1	unit		

	and High Grade Mounting kits, Resolution at least 1920x1080				
	e. Information Outlet Cat 6, 2 Ports with 2 Gang Faceplate , Complete Set	2	sets		
	f. HDMI Cable	5	lm		
		<b>SUB-TOTAL (B)</b>			
<b>C</b>	<b>Landscaping</b>				
	a. Garden Soil (Loamy Soil)	3.00	cu.m		
	b. Supply and Installation of Ornamental Landscaping Tropical Outdoor Plants on All Required Areas	1.00	lot		
		<b>SUB-TOTAL (C)</b>			
		<b>SUB-TOTAL</b>			
<b>16</b>	<b>PROVISIONAL ITEMS</b>				
	a. Provisional Materials' Quantities	1.00	lot		
	b. Preparation of As-Built Plans	1.00	lot		
	c. Materials testing (Deformed bars and concrete)	1.00	lot		
	d. Smoke Detector, with Non- Radioactive photoelectric sensor, Atleast 9V Built - in Battery & Approximately 1 Year of Operation, Sound Level:85dB and Detector Coverage should be atleast 5 meter radius	1.00	set		
		<b>SUB-TOTAL</b>			
<b>17</b>	<b>CLEARING/GRUBBING/HAULING</b>				
	a. Demobilization/Site Clearing	1.00	lot		
	b. Hauling of Demolished Materials	1.00	lot		
	c. Restoration of affected area	1.00	lot		
	<b>TOTAL PROJECT COST</b>				

Submitted by:

\_\_\_\_\_  
Name and Signature of Bidders Authorized Representative

Date: \_\_\_\_\_

\_\_\_\_\_  
Position

\_\_\_\_\_  
Name of Bidder

Signature of Authorized  
Representative: