

Section VIII. Bill of Quantities

"INSERT LETTERHEAD OF THE COMPANY"					
BILL OF QUANTITIES					
PROJECT TITLE: CONSTRUCTION OF ACTIVITY AREA AT CHILD AND ADOLESCENT MALE PAVILION					
LOCATION: NCMH Compound, 9 de Pebrero, Mauway, Mandaluyong City					
ITEM NO.	DESCRIPTION	QUANTITY	UNIT	UNIT COST	AMOUNT
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	85.00	bd.ft		
	e. Common Wire Nails, Assorted	3.00	kg.		
	f. Safety Signages	1.00	lot		
2	DEMOLITION WORKS				
	a. Demolition of existing walls, column, lintel beams and floor slab	1.00	lot		
	b. Demolition of existing water tank housing	1.00	lot		
3	EARTH WORKS/GROUND IMPROVEMENT				
	a. Excavation (Adobe Soil)	240.00	cu.m		
	b. Gravel	60.00	cu.m		
	c. Soil Poisoning	1,475.00	sq.m		
	d. Backfilling/Earthfill	450.00	cu.m		
4	CONCRETE WORKS				
	a. Concrete, 4000 psi at 14 days	140.00	cu.m		
	b. Concrete, 3500psi at 14 days	20.00	cu.m		
	c. Concrete, 3000 psi at 28 days	145.00	cu.m		
	d. 16mm Ø Deformed Steel Bars. Gr. 60	7,700.00	kg		
	e. 12mm Ø Deformed Steel Bars. Gr. 40	5,200.00	kg		
	f. 10mm Ø Deformed Steel Bars. Gr. 40	9,500.00	kg		
	g. #16 G.I. Tie Wire	450.00	kg.		
	h. Formworks	1,150.00	sq.m		
	i. 2" PVC Pipe	2.00	pcs		
5	MASONRY WORKS				
	a. 6" CHB	7,600.00	pc.		
	b. 5" CHB	670.00	pc.		
	c. 4" CHB	1,530.00	pc.		
	d. #16 G.I. Tie Wire	100.00	kg.		

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	e. Nylon String	10.00	roll		
	f. Concrete Nail, Assorted	50.00	kg.		
	g. Cement	987.00	bag		
	h. Sand	115.00	cu.m		
	i. 10mm Ø Deformed Steel Bars. Gr. 40	2,700.00	kg		
	j. Diamond Cutting Disc	5.00	pc.		
6	CEILING SYSTEM WORKS				
	a. Double Metal Furring, 19mm x 50mm x 0.6mm, 5m	70.00	pc.		
	b. Carrying Channel, 12mm x 38mm x 1mm, 5m	60.00	pc.		
	c. Wall Angle, 25mm x 25mm x 0.5mm, 3m	30.00	pc.		
	d. W-Clip	150.00	pc.		
	e. Hanger Rod	50.00	pc.		
	f. Blind Rivets	5.00	box		
	g. Drill Bit, Assorted	8.00	pc.		
	h. 4.5mm Fiber Cement Board	35.00	pc.		
	i. Concrete Nail, Assorted	5.00	kg.		
	j. Mesh Tape	5.00	rolls		
	k. Fiber Cement Putty /Jointing Compound, 25kg	4.00	gal.		
	l. Other Ceiling Accessories and Materials	1.00	lot		
7	STRUCTURAL STEEL AND ROOFING SYSTEM WORKS				
	a. 200mm x 300mm x 16mm Thick MS Plate w/ 4 - 16mm Ø Hole, A36	12.00	sets		
	b. 200mm x 200mm x 16mm Thick MS Plate w/ 4 - 16mm Ø Hole, A36	6.00	sets		
	c. 16mmØ x 300mm Anchor Bolt, A307 w/ Standard Nuts and Washer	72.00	sets		
	d. 2" x 3" x 2.0mm Thick Tubular, BI	5.00	pc		
	e. 2" x 2" x 2.0mm Thick Tubular, BI	30.00	pc.		
	f. 2" x 4" x 1.50mm Thick C - Purlins, GI	6.00	pc.		
	g. 2" x 3" x 1.50mm Thick C -Purlins, GI	21.00	pc.		
	h. 0.5mm Thick Rib Type Roofing	85.00	lm		
	i. 0.5mm Thick Pre - Painted and Bent Fascia Flashing, 16" x 8'	8.00	pc.		
	j. 0.5mm Thick Pre - Painted and Bent Endwall Flashing, 36" x 8'	14.00	pc		

	k. 10mm Thick Double Sided Insulation Foam	85.00	lm		
	l. E27 Welding Rod, 2.5mm x 325mm	50.00	kg		
	m. Cutting Disc, 4"	5.00	box		
	n. Cut - Off Disc, 12"	10.00	pc.		
	o. 2 1/2 Tek Screw	500.00	pc.		
	p. Grinding Disc, 4"	5.00	pc.		
	q. Polytuff with Hardener	3.00	liters		
	r. Silicon Sealant	5.00	tube		
	s. Blind Rivets, Varying Sizes	5.00	box		
	t. Elastomeric Sealant, High Grade	5.00	liters		
	u. Drill Bit, Assorted	15.00	sets		
	v. Other Necessary Hardware Accessories	1.00	lot		
	w. 1 1/2" x 3/16" Angle Bar, A36	3.00	pc.		
	x. 50mm x 75mm x 6mm Thick MS Plate, A36	60.00	pc.		
	y. Other Hardware Materials and Accessories	1.00	lot		
8	PAINTING WORKS				
	a. Flat Latex, White	24.00	tin		
	b. Semi-Gloss Latex, White	24.00	tin		
	c. Skim Coat	60.00	bag		
	d. Acry-Color, Assorted	50.00	liters		
	e. 4" Paint Brush	45.00	pc.		
	f. 3" Paint Brush	45.00	pc.		
	g. 2" Paint Brush	45.00	pc.		
	h. 7" Roller Brush	45.00	pc.		
	i. 4" Roller Brush	45.00	pc.		
	j. Paint Thinner	40.00	gal.		
	k. Ruberized Floor Paint	40.00	gal.		
	l. Epoxy Primer, Gray	10.00	gal.		
	m. Lacquer Thinner	5.00	gal.		
	n. Other Painting Accessories and Materials	1.00	lot		
9	ELECTRICAL SYSTEM WORKS				
	a. 150W Lightning Daylight LED Waterproof Floodlight (IP65)	8.00	set		
	b. 6 meters Galvanized Octagonal Street Light Pole, 6mm Thickness, 150mm Base Diameter & 60mm Top Diameter,	6.00	set		

	Square Baseplate with Slotted Hole for A307 Anchor Bolts with Concrete Pedestal and Footing, Complete with All Necessary Accessories				
	c. 12W Led Recessed Downlight, Complete with Accessories	14.00	set		
	d. 7W Led, Cool White, Surface Type Down Light, E27 Vertical Type Round, W13.5cm x H15cm Black, Durable Die - Cast Aluminum Frame Socket, Complete with Necessary Accessories	10.00	set		
	e. 20W LED Street Light	13.00	set		
	f. 3 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	13.00	set		
	g. Metal Enclosure Box Electrical Circuit Panel Weatherproof Breaker (30x40x20cm)	2.00	set		
	h. 25A Magnetic Contactor	2.00	set		
	i. 24-Hours Timer Mechanical Switch Relay WithDustproof Cover	2.00	set		
	j. Auto/Manual Selector Switch	2.00	set		
	k. Miniature Circuit Breaker 2 pole	2.00	set		
	l. Stage Lights LED 60*3W RBGW Par Lights	2.00	set		
	m. THHN Wire #14 AWG (Green)	100.00	lm		
	n. THHN Wire #12 AWG (Green)	50.00	lm		
	o. THHN Wire #12 AWG (Black)	95.00	lm		
	p. THHN Wire #12 AWG (RED)	95.00	lm		
	q. THHN Wire #12 AWG (Black)	3.00	box		
	r. THHN Wire #12 AWG (RED)	3.00	box		
	s. THHN Wire # 8 AWG (GREEN)	30.00	lm		
	t. THHN Wire # 8 AWG (BLACK)	1.00	box		
	u. THHN Wire # 8 AWG (RED)	1.00	box		
	v. 3 - Gang Switch – Complete set	1.00	pc.		
	w. 1-Gang Switch – Complete set	4.00	pc.		
	x. Duplex Universal Outlet – Complete set	3.00	set		
	y. 1/2" PVC Conduit Pipe	115.00	pc.		
	z. ½" IMC Conduit Pipe with coupling	2.00	pc		

	aa. ½" Weatherproof Service Entrance Head complete with necessary necessities	1.00	pc		
	ab. Junction Box	40.00	pc		
	ac. Utility Box	10.00	pc		
	ad. 5/8" Copper Weld Ground Rod (2.4 m rod), Complete set	1.00	set		
	ae. Electrical Tape	10.00	pc.		
	af. All Purpose Adhesive	10.00	bot.		
	ag. Panel Board, Main + 8 Branch Circuit (Bolt-on), Complete With Necessary Accessories	1.00	set		
	ah. Other Electrical Accessories and Materials	1.00	lot		
10	PLUMBING SYSTEM WORKS				
	a. 400mm Ceramic Lavatory Sink with Pedestal and Stainless Faucet, Complete with Necessary Accessories	1.00	set		
	b. One Piece Glossy Water Closet L750mm x W390mm x D740mm with Stainless Steel Toilet Hand Held Spray Complete with Necessary Accessories	1.00	set		
	c. Wall Mounted Ceramic Urinal, Complete with Necessary Accessories	1.00	set		
	d. 1/2" PPR Pipe	5.00	pc		
	e. 1/2" PPR Coupling	6.00	pc		
	f. 1/2" PPR Elbow	7.00	pc		
	g. 1/2"PPR Tee	7.00	pc		
	h. 1/2"PPR Elbow with Thread	5.00	pc		
	i. 1/2"PPR Tee with Thread	5.00	pc		
	j. 1/2"PPR Female Adaptor	5.00	pc		
	k. 3/4" x 1/2" PPR Reducer	5.00	pc		
	l. 3/4" PPR Pipe	5.00	pc		
	m. 3/4" Male Adaptor	5.00	pc		
	n. 3/4" PPR Coupling	7.00	pc		
	o. 3/4" PPR Elbow	7.00	pc		
	p. 4" PVC Pipe	10.00	pc		
	q. 4" PVC Coupling	6.00	pc		
	r. 4" PVC Elbow	5.00	pc		
	s. 4" PVC P - Trap	3.00	pc		
	t. 4" PVC Clean Out	5.00	pc		
	u. 1/2" GI C - Clamp	40.00	pc		

Signature of Authorized Representative:

	v. Gate Valve	10.00	pc		
	w. Neltex Solvent	6.00	can		
	x. Teflon Tape	10.00	pc		
	y. 4" Stainless Steel Floor Drain	1.00	sets		
	z. Other Plumbing Accessories and Materials	1.00	lot		
11	TILE WORKS				
	a. 60cm x 60cm Non - Skid Ceramic Floor Tiles	230.00	pcs		
	b. 60cm x 60cm Glossy Ceramic Wall Tiles	49.00	pcs		
	c. Tile Adhesive	35.00	bags		
	d. Tile Grout	6.00	bags		
	e. Sand	10.00	cu.m		
	f. Cement	35.00	bags		
12	FABRICATED MATERIALS				
	a. D-1 0.8m x 2.1m Panel Door, 5"x1 3/4", Solid Wood w/ 2"x6" Jamb , Complete Accessories, Varnish Finish, Lever Type Door Knob	2.00	set		
	b. W-1 0.60m x 0.60m Awning Window, 1 panel, Series 38 Aluminum Frame, 6mm Thick Bronze Tempered Glass	2.00	set		
13	MISCELLANEOUS				
	a. Basketball Stand/Ring Counterweight Style, Adjustable Goal Height with Crank Handle Mechanism, 16mm Solid Steel Rim Material, Weather Proof Nylon Net Material, Tempered Glass Backboard Material, High Quality Steel Base and Pole	2.00	sets		
	b. Fixed Outdoor Playhouse with Slide, 2 sets of Swing and seesaw sets, High Grade Steel Materials, Complete with All Necessary Accessories	1.00	sets		
	c. Landscaping which includes the Supply and Establishing of Ornamental Plants and Carpet Frog Grass on all required areas	1.00	lot		
	d. Stainless Steel High Grade Embossed Letters with Warm White LED Strip Backlight, W150mm x H300mm, "NATIONAL CENTER	29.00	sets		

	FOR MENTAL HEALTH", Complete with Necessary Accessories				
13	PROVISIONAL ITEM				
	a. Provisional Materials' Quantities	1.00	lot		
14	CLEARING/GRUBBING/HAULING				
	a. Demobilization/Site Clearing	1.00	lot		
	b. Hauling of Demolished Materials	1.00	lot		

Submitted by:

Date: _____

Name and Signature of Bidders Authorized Representative

Position

Name of Bidder