

BILL OF QUANTITIES

PROJECT TITLE : PROPOSED CONSTRUCTION OF COAST GUARD SUPPORT BASE SOUTHERN VISAYAS BUILDINGS AND FACILITIES
 LOCATION : CAPINAHAN WHARF, BAIS CITY, NEGROS ORIENTAL
 OWNER : PHILIPPINE COAST GUARD

ITEM NO	DESCRIPTION	QTY	UNIT	UNIT PRICE (Pesos)	AMOUNT (Pesos)
A. GENERAL REQUIREMENTS					
01	Occupational Health & Safety Requirements	1	l.s		
02	Soil Foundation Investigation	1	l.s		
03	Temporary Facilities & Utilities	1	l.s		
04	Building Permit and Government Fees	1	l.s		
05	Project BillBoard/Signage	1	l.s		
	Sub - Total I				P -----
B. LAND DEVELOPMENT					
I WHARF REPAIR					
Site Work Preparation					
01	Existing PCCP Deck	90	sq.m		
02	Existing R.C Copping	62	cu.m		
Concrete Pavement 200mm Thk (447 Sq.m)					
Wharf Deck					
01	Ready Mix Concrete (3500 PSI)	81	cu m		
02	16mm Ø Reinf. Steel Bars dowels				
03	GI Wire # 16				
Pile Copping					
01	Ready Mix Concrete (3500 PSI)	186	cu m		
02	16mm Ø Reinf. Steel Bars Reinforcement				
03	GI Wire # 16				
Tie Beam/Column/Column					
01	Ready Mix Concrete (3500 PSI)	11	cu m		
02	16mm Ø Reinf. Steel Bars dowels				
03	10mm Ø Reinf. Steel Bars dowels				
04	GI Wire # 16				
Mooring Bollard and Fender (Including Anchor Bolts)					
01	Mooring Bollard T-Head 50T including accessories	6	sets		
02	Mooring Bollard T-Head 15T including accessories	7	sets		
03	Used Truck Tire Fender w/ Fabricated Frames	24	sets		
Retrofit of Existing Concrete Pile					
01	Pile Structural Strenghtenin	345	sq.m		
Miscellaneous					
01	Form Works Area	800	sq.m		
02	Woodforms (Coco Lumber)				
03	Marine Plywood 3/4" x 4' x 8'				
04	Scaffolding / Shoring Pipe				
05	Pipe Swivel Clamp				
06	Working Poonton				
ELECTRICAL WORKS					
WIRES AND CABLES					
THHN (Branch Circuits)					
01	3.5 mm ² Cu Cond Strnd	1	roll		
02	5.5 mm ² Cu Cond Strnd	5	rolls		
PIPES AND FITTINGS					
PVC PIPES					
03	20 mm Ø x 3m	124	Inghts		
04	25 mm Ø x 3m	19	Inghts		

ITEM NO	DESCRIPTION	QTY	UNIT	UNIT PRICE (Pesos)	AMOUNT (Pesos)
WIRING DEVICES					
05	One-Way, One-Gang Switch	3	set		
LIGHTING FIXTURES					
06	1 x10W Square LED D.L., w/ glass cover (Cool White)	3	set		
07	1 x150W LED Street Light with 10m Single Arm Pole	8	set		
BOXES AND CONDULETS					
08	Junction Box PVC Orange w/ Cover	15	pcs		
09	Utility Box PVC Orange	3	pcs		
10	Pull box, 4x6x6 Metal gauge 18	1	pc		
MISCELLANEOUS AND HARDWARES					
11	Electrical Tape, 6rolls/bndl	5	bndls		
12	Hacksaw Blade	4	pcs		
13	Ga #14 GI Pull Wire	10	kgs		
14	PVC Cement, 500cc	1	can		
Sub - Total I					P
II EMBANKMENT					
01	Embankment / Earthfill Area (Compacted Filling Materials with Average height of 0.60m)	1338.98	sq.m		
Sub - Total II					P
III CONCRETE PAVEMENT AND GUTTER					
Concrete Pavement 200mm Thk (899.28 Sq.m)					
01	Ready Mix Concrete (3500 PSI)	179.8	cu m		
02	16mm Ø Reinf. Steel Bars dowels				
03	GI Wire # 16				
Sub - Total III					P
IV DRAINAGE SYSTEM					
01	Drainage Line (300mm dia Culvert with Drain Basins)	130	m		
Sub - Total IV					P
V PERIMETER FENCE & GATE					
Columns and Footings					
01	Ready Mix Concrete (3000 PSI)	24	cu m		
02	12mm dia Reinf. Steel Bars (Grade 40)				
03	10mm dia Reinf. Steel Bars (Grade 40)				
04	GI Wire # 16				
CHB Wall					
Wall Area					
01	Cement	294	sq.m		
02	Sand				
03	150 x 200 x 400mm CHB				
04	10mm Ø Reinf. Steel Bars Grade 40				
05	GI Wire # 16				
Plastering					
Wall Area					
01	Cement	588	sq.m		
02	Sand				
Miscellaneous					
01	0.6mm Razor Wire	5	roll		
02	(25mmx25mm x 3mm) Angle Bar	576	kgs		
03	Welding Rod	20	kgs		
Gate					
01	Steel Gate Complete with accessories (2 Units)	30	sq.m		
Sub - Total V					P

ITEM NO	DESCRIPTION	QTY	UNIT	UNIT PRICE (Pesos)	AMOUNT (Pesos)
C. ADMINISTRATION BUILDING					
I SITE WORKS					
01	Site Preparation, Demolition/Clearing and Grubbing	336	sq.m		
02	Excavation	234.79	cu.m		
03	Gravel Bedding	87.069	cu.m		
04	Backfilling and Compaction	101.21	cu.m		
05	Soil Poisoning	15	ltrs		
	Sub - Total I				P
II CONCRETE WORKS					
Column Footing					
01	Ready Mix Concrete (4000 PSI)	184.5	cu m		
Shearwall Footing					
01	Ready Mix Concrete (4000 PSI)	5.55	cu m		
Footing Tie Beam					
01	Ready Mix Concrete (4000 PSI)	40.96	cu m		
Column					
01	Ready Mix Concrete (4000 PSI)	90.59	cu m		
2nd and 3rd Floor Beam					
01	Ready Mix Concrete (4000 PSI)	140.906	cu m		
Roof Deck and Platform Beam					
01	Ready Mix Concrete (4000 PSI)	56.48	cu m		
Suspended Slab					
01	Ready Mix Concrete (4000 PSI)	101.64	cu m		
Roof Deck and Platform Slab					
01	Ready Mix Concrete (4000 PSI)	60.69	cu m		
Shearwall					
01	Ready Mix Concrete (4000 PSI)	12.9	cu m		
Stairs, Stair on Fill					
01	Ready Mix Concrete (4000 PSI)	27.837	cu m		
Slab on Fill & Ramp Slab					
01	Ready Mix Concrete (4000 PSI)	34.992	cu m		
Concrete Cistern Tank					
Concrete Volume					
01	Portland Cement	15.053	cu m		
02	Sand				
03	Gravel				
04	12mm dia. Reinf. Steel Bars (Grade 40)				
05	GI Tie Wire #16				
06	Elastomeric Waterproofing Paint	3	gals		
07	Concrete Primer Sealer	3	gals		

ITEM NO	DESCRIPTION	QTY	UNIT	UNIT PRICE (Pesos)	AMOUNT (Pesos)
Septic Tank (Including Plastering)					
	Wall Area	36.96	sq.m		
	Concrete Volume				
01	Portland Cement	3.82	cu m		
02	Sand				
03	Gravel				
04	12mm dia. Reinf. Steel Bars (Grade 40)				
05	10mm dia. Reinf. Steel Bars (Grade 40)				
06	100 x 200 x 400mm CHB				
07	150 x 200 x 400mm CHB				
08	GI Tie Wire #16				
09	Elastomeric Waterproofing Paint			6	gals
10	Concrete Primer Sealer	6	gals		
Catch Basin / Area Drain					
	Concrete Volume				
01	Portland Cement	2.665	cu m		
02	Sand				
03	Gravel				
04	12mm dia. Round Steel Handle Bars				
05	10mm dia. Reinf. Steel Bars (Grade 40)				
06	GI Tie Wire #16				
07	Elastomeric Waterproofing Paint			1	gals
08	Concrete Primer Sealer	1	gals		
	Sub - Total II				P -----
III REBAR WORKS					
Column Footing					
01	25mm dia Reinf. Steel Bars (Grade 60)	13010	kgs		
Shearwall Footing					
01	20mm dia Reinf. Steel Bars (Grade 60)	238.2	kgs		
Footing Tie Beam					
01	25mm dia Reinf. Steel Bars (Grade 60)	4284	kgs		
02	16mm dia Reinf. Steel Bars (Grade 60)	540	kgs		
03	10mm dia Reinf. Steel Bars (Grade 40)	1150	kgs		
Column					
01	25mm dia Reinf. Steel Bars (Grade 60)	860	kgs		
01	16mm dia Reinf. Steel Bars (Grade 60)	29	kgs		
02	10mm dia Reinf. Steel Bars (Grade 40)	6150	kgs		
2nd and 3rd Floor Beam					
01	25mm dia Reinf. Steel Bars (Grade 60)	15000	kgs		
02	16mm dia Reinf. Steel Bars (Grade 60)	2950	kgs		
03	10mm dia Reinf. Steel Bars (Grade 40)	4400	kgs		
Roof Deck and Platform Beam					
01	25mm dia Reinf. Steel Bars (Grade 60)	7480	kgs		
02	16mm dia Reinf. Steel Bars (Grade 60)	920	kgs		
03	10mm dia Reinf. Steel Bars (Grade 40)	2000	kgs		
Suspended Slab					
01	12mm dia Reinf. Steel Bars (Grade 40)	1600	kgs		
02	10mm dia Reinf. Steel Bars (Grade 40)	3100	kgs		
Roof Deck and Platform Slab					
01	12mm dia Reinf. Steel Bars (Grade 40)	2830	kgs		
02	10mm dia Reinf. Steel Bars (Grade 40)	2926	kgs		

ITEM NO	DESCRIPTION	QTY	UNIT	UNIT PRICE (Pesos)	AMOUNT (Pesos)
Shearwall					
01	25mm dia Reinf. Steel Bars (Grade 60)	280	kgs		
02	16mm dia Reinf. Steel Bars (Grade 60)	980	kgs		
03	12mm dia Reinf. Steel Bars (Grade 40)	4500	kgs		
04	10mm dia Reinf. Steel Bars (Grade 40)	100	kgs		
Stairs, Stairs on fill					
01	16mm dia Reinf. Steel Bars (Grade 60)	1650	kgs		
02	12mm dia Reinf. Steel Bars (Grade 40)	1900	kgs		
03	10mm dia Reinf. Steel Bars (Grade 40)	380	kgs		
Slab on Fill, Ramp Slab					
01	10mm dia Reinf. Steel Bars (Grade 40)	1835.2	kgs		
Miscellaneous					
01	G.I. Tie Wire #16	1181	kgs		
Sub - Total III					P -----
IV FORMWORKS & SCAFFOLDING					
Form Works/Shuttering					
Area					
01	Lumber	1962.24	sq.m		
02	Phenolic Board 3/4" thick				
03	Assorted Nails				
04	G.I. Tie Wire #16				
Sub - Total IV					P -----
V MASONRY WORKS					
01	Wall Area	1429.534	sq.m		
02	Portland Cement				
03	Sand				
04	150 x 200 x 400mm CHB				
04	100 x 200 x 400mm CHB				
05	10mm dia Reinf. Steel Bars				
06	G.I. Tie Wire				
Plastering					
01	Wall Area	2859.068	sq.m		
02	Portland Cement				
03	Sand				
Sub - Total V					P -----
VI TILE WORKS					
Floor Area					
01	600mm x 600mm Ceramic Floor Tiles	1266.87	sq.m		
02	400mm x 400mm Ceramic Floor Tiles				
03	300mm x 600mm Homogenous Wall Tiles				
04	Tile Grout (5kg)				
05	Tile Adhesive				
06	Tile Trim				
07	Pebble Washout	85.99	sq.m		
08	Portland Cement				
09	Sand				
10	Non-Slip 50mm x 2.4m Aluminum with Black Rubber				
Sub - Total VI					P -----

ITEM NO	DESCRIPTION	QTY	UNIT	UNIT PRICE (Pesos)	AMOUNT (Pesos)
VII DOORS & WINDOWS					
01	3600mm x 2850mm Double Leaf Swing Door 1/2"thk. Bronze Glass Frameless on 1/4"thk. Bronze Glass Fixed Aluminum Frame Analoc Transom with complete accessories (D-1) (4 sets)	41.04	sq.m		
02	2000mm x 2800mm Double Leaf Swing Door 1/2"thk. Bronze Glass Frameless on 1/4"thk. Bronze Glass Fixed Aluminum Frame Analoc Transom with complete accessories (D-2) (12 sets)	67.2	sq.m		
03	900mm x 2800mm Single Leaf Swing Door 1/2"thk. Bronze Glass Frameless on 1/4"thk. Bronze Glass Fixed Aluminum Frame Analoc Transom with complete accessories (D-3) (5 sets)	12.6	sq.m		
04	800mm x 2050mm Single Leaf Swing Door 40mm thk. Panel Door with Design and complete accessories (D-3A) (2 sets)	3.28	sq.m		
05	800mm x 2050mm Single Leaf Swing Door 40mm thk. Panel Door with complete accessories (D-3B) (14 sets)	22.96	sq.m		
06	600mm x 2050mm Single Leaf Swing Door 40mm thk. PVC Toilet Door with complete accessories (D-4) (1 set)	1.23	sq.m		
07	900mm x 2050mm 1.6mm thk (GA 16) Mild Steel Sheet / Galvanized Steel Sheet Frame W/ Panic Exit Device (Powder Coating / Grey Primer Finish)Emergency with complete accessories (D-5) (4 sets)	4	set		
08	2400mm x 2400mm Two (2) Panel Sliding Window 1/4" thk. Bronze Glass Fixed in Aluminum Frame Analoc Transom with complete accessories (W-1) (47 sets)	270.72	sq.m		
09	1200mm x 1500mm Two (2) Panel Fixed Glass Window 1/4" thk. Bronze Glass Fixed on Aluminum Frame Analoc Transom with complete accessories (W-2) (1 set)	1.8	sq.m		
10	1730mm x 2400mm Two (2) Panel Sliding Glass Window 1/4" thk Bronze Glass Fixed on Aluminum Frame Analoc Transom (W-3) (2 sets)	4.152	sq.m		
11	600mm x 600mm One (1) Panel Awning Glass Window 1/4" thk Bronze Glass Fixed on Aluminum Frame Analoc Transom (W-4) (28 sets)	45.92	sq.m		
12	1760mm x 700mm Two (2) Panel Fixed Glass Window 1/4" thk Bronze Glass Fixed on Aluminum Frame Analoc Transom (W-5) (2 sets)	2.464	sq.m		
Sub - Total VII					P
VIII CEILING WORKS					
Area					
01	4.5mm thick Fiber Cement Board (1200mm x 2400mm)	888.01	sq.m		
02	19mmx50mmx5.0m, T=0.5mm Metal Furring				
03	12mmx38mmx5.0m, T=0.8mm Carrying Channel				
04	Hanger Bars/Rod				
05	Channel Clip				
06	25mmx25mmx2.4m, T=0.4mm Wall Angle				
07	Rivets				
08	Board Screw				
Sub - Total VIII					P

ITEM NO	DESCRIPTION	QTY	UNIT	UNIT PRICE (Pesos)	AMOUNT (Pesos)
IX STEEL WORKS					
01	50mm Dia. Stainless Steel Railings Round Tube Top Rail 38mm Dia. Round Tube MidRail and Stand post with vertical support with complete accessories (Main Stairs)	69.72	l.m		
02	38mm Dia. Stainless Steel Railings Round Tube Top Rail and Bottom Rail with complete accessories (PWD Ramp and Entrance Stairs)	66.43	l.m		
03	50mm Dia. Stainless Steel Railings Round Tube Top Rail with vertical support with complete accessories (Balcony)	50.38	l.m		
04	Emergency Drop Down Steel Ladder with Horizontal support with complete accessories	20	l.m		
	Sub - Total IX				P -----
X WATERPROOFING WORKS					
01	Roof Deck Area and Head Electrical Room Area Waterproofing Membrane with Granule Torched applied	558	sq.m		
02	Elastomeric Water Proofing Paint (Elect RM)				
	Sub - Total X				P -----
XI PAINTING WORKS					
	Painting Concrete Area Painting Wood & Metal Area				
01	Flat Latex Paint				
02	Semi Gloss Latex Paint				
03	Quick Dry Enamel				
04	Concrete Neutralizer				
05	Acri-Color				
06	Paint Thinner				
07	Masonry Putty				
08	Wood Putty				
09	Brush roller 6"				
10	Paint Brush 4"				
11	Paint Brush 2"				
12	Sand Paper # 120				
13	Putty Knife				
	Sub - Total XI				P -----
XII CARPENTRY WORKS					
Head / Toilet and Bath (T&B)					
01	PVC Compact Laminated Panels Modular Parition with Complete Accessories	110.63	sq.m		
Cabinet					
02	Cabinet Area 4' x 8' x 3/4" thk Marine Plywood				
03	2" x 2" Good Lumber				
04	Wood Glue				
05	Finishing Nails				
06	Concealed Hinges				
07	Cabinet Door Handles				
08	Expansion Bolt				
	Sub - Total XII				P -----

ITEM NO	DESCRIPTION	QTY	UNIT	UNIT PRICE (Pesos)	AMOUNT (Pesos)
XIII PLUMBING WORKS					
<i>Water Line</i>					
01	PPR Pipe Laying, 20mm dia.	235.1	l.m		
02	PPR Pipe Laying, 25mm dia.				
03	PPR Pipe Laying, 32mm dia.				
04	PPR Pipe Laying, 50mm dia.				
05	PPR pipe, 20mm dia x 4m				
06	PPR pipe, 25mm dia x 4m				
07	PPR pipe, 32mm dia x 4m				
08	PPR pipe, 50mm dia x 4m				
09	PPR Gate valve, 20mm dia				
10	PPR Gate Valve, 25mm dia				
11	PPR Gate valve, 32mm dia				
12	PPR Gate valve, 50mm dia				
13	PPR Check valve, 20mm dia				
14	PPR Check Valve, 25mm dia				
15	PPR Check valve, 32mm dia				
16	PPR Check valve, 50mm dia				
17	PPR Elbow, 25mm dia X 90°				
18	PPR Elbow, 32mm dia X 90°				
19	PPR Elbow, 50mm dia X 90°				
20	PPR Tee, 20mm dia				
21	PPR Tee, 25mm dia				
22	PPR Tee, 32mm dia				
23	PPR Tee, 50mm dia				
24	PPR Bridge Elbow, 20mm dia				
25	PPR End Cap, 20mm dia				
26	PPR Tee Reducer, 25mm x 20mm x 25mm dia				
27	PPR Tee Reducer, 32mm x 25mm x 32mm dia				
28	PPR Elbow Reducer, 20mm dia x 25mm dia				
29	PPR Elbow Reducer, 25mm dia x 32mm dia				
30	PPR Coupling, 25mm dia				
31	PPR Coupling, 32mm dia				
32	PPR Coupling, 50mm dia				
33	PPR Coupling Reducer, 20mm dia x 25mm dia				
34	PPR Coupling Reducer, 32mm dia x 50mm dia				
35	PPR Union Patente, 50mm dia				
36	PPR Clip, 20mm dia				
37	PPR Clip, 25mm dia				
38	PPR Clip, 32mm dia				
39	PPR Clip, 50mm dia				
<i>Sewage Line / Vent Line</i>					
01	uPVC Pipe Laying, 4" dia x 3m	301.23	l.m		
02	uPVC Pipe Laying, 2" dia x 3m				
03	uPVC Pipe, 4" dia x 3m				
04	uPVC Pipe, 2" dia x 3m				
05	uPVC Elbow, 4" dia x 90°				
06	uPVC Elbow, 2" dia x 90°				
07	uPVC Elbow, 4" dia x 45°				
08	uPVC Elbow, 2" dia x 45°				
09	uPVC Clean out set, 4" dia				
10	uPVC Clean out set, 2" dia				
11	uPVC Wye, 4" dia				
12	uPVC Wye, 2" dia				
13	uPVC Wye Reducer, 4" x 2"				
14	uPVC Tee, 4" dia				
15	uPVC Tee, 2" dia				
16	uPVC Tap Tee, 2" dia				

ITEM NO	DESCRIPTION	QTY	UNIT	UNIT PRICE (Pesos)	AMOUNT (Pesos)
17	uPVC Tee Reducer, 4" x 2" dia				
18	uPVC P-Trap, 2" dia				
19	uPVC Double Wye, 4" dia				
20	uPVC Double Sanitary Tee, 2"				
Drainage Line					
01	uPVC Pipe Laying, 4" dia x 3m				
02	uPVC Pipe Laying, 2" dia x 3m				
03	uPVC Pipe, 4" dia x 3m				
04	uPVC Pipe, 2" dia x 3m				
05	uPVC Elbow, 90°				
06	uPVC Wye Reducer, 4" x 2" dia				
07	uPVC P-Trap, 2" dia				
08	uPVC Clean Out, 4" dia				
Plumbing Fixtures					
01	Water Closet with complete accessories	17	sets		
02	Lavatory with complete accessories	20	sets		
03	Urinal with complete accessories	7	sets		
04	Bidet Spray with complete accessories	17	sets		
05	Stainless Kitchen Double Sink with complete accessories	1	set		
06	Shower set with complete accessories	13	sets		
07	Tissue Holder with cover, with complete accessories	17	sets		
08	Stainless Faucet	1	set		
09	Stainless Floor Drain, 4" x 4"	18	sets		
10	Stainless Deck Drain	13	sets		
11	1 HP Booster Pump, with Complete accessories	2	units		
12	2 HP Booster Pump, with Complete accessories	2	units		
13	Stainless Steel Water Tank, Horizontal Type, with complete accessories and steel support Capacity: 2000 Gallons	2	sets		
14	Pressurized Water Tank, Bladder Type, with complete Accessories Capacity: 81Gallons	2	sets		
15	Water Meter	1	set		
16	Mirror with Complete Accessories	104.19	sq.ft		
Miscellaneous					
01	Solvent Cement, 400cc	10	pcs	191.50	
02	Pipe Hanger / Two Way Brace Pipe Hanger	50	sets	185.00	
Sub - Total XIII					P
XIV	ELECTRICAL WORKS				
WIRES AND CABLES					
THHN (Branch Circuits)					
01	3.5 mm ² Cu Cond Strnd	60	rolls		
02	5.5 mm ² Cu Cond Strnd	4	rolls		
03	8.0 mm ² Cu Cond Strnd	10	roll		
THHN/THWN (Main Feeder/ Feeder)					
04	8.0 mm ² Cu Cond Strnd	4	rolls		
05	14.0 mm ² Cu Cond Strnd	1	roll		
06	38.0 mm ² Cu Cond Strnd	90	mtrs		
07	60.0 mm ² Cu Cond Strnd	30	mtrs		
08	125.0 mm ² Cu Cond Strnd	300	mtrs		
TW (Grounding)					
09	3.5 mm ² Cu Cond Strnd	1	roll		
10	5.5 mm ² Cu Cond Strnd	1	roll		
11	22.0 mm ² Cu Cond Strnd	30	mtrs		
12	38.0 mm ² Cu Cond Strnd	10	mtrs		
13	125.0 mm ² Cu Cond Strnd	150	mtrs		
ETHERNET CABLE					
14	CAT 6, 1000Mbps Ethernet Cable	600	mtrs		

ITEM NO	DESCRIPTION	QTY	UNIT	UNIT PRICE (Pesos)	AMOUNT (Pesos)
PIPES AND FITTINGS					
PVC PIPES					
15	20 mm Ø x 3m	980	Ingghts		
16	25 mm Ø x 3m	100	Ingghts		
17	32 mm Ø x 3m	12	Ingghts		
18	50 mm Ø x 3m	10	Ingghts		
19	65 mm Ø x 3m	10	Ingghts		
LIQUID TIGHT FLEXIBLE CUNDUIT					
20	20 mm Ø	224	mtrs		
STRAIGHT CONNECTOR					
21	20 mm Ø	448	pc		
IMC PIPES					
22	80 mm Ø x 3m	26	Ingghts		
IMC ELBOW					
23	80 mm Ø	10	pc		
IMC COUPLING					
24	80 mm Ø	26	pc		
IMC L & B					
25	80 mm Ø	3	pc		
WIRING DEVICES					
26	One-Way, One-Gang Switch	37	set		
27	One-Way, Two-Gang Switch	15	set		
28	One-Way, Three-Gang Switch	10	set		
29	Three-Way, One Gang Switch	8	set		
30	Duplex Conv Outlet	90	set		
31	One Gang Outlet	78	set		
32	Weather Proof Duplex Outlet Cover	2	set		
33	60W Ceiling Mounted Exhaust Fan	14	set		
34	60W Ceiling Fan	21	set		
35	One-Gang Computer Data/Internet Outlet	40	set		
36	8 Port Gigabit Ethernet Network Switch Hub	5	pcs		
37	RJ45, CAT6, 8 Pin, Ethernet Cable Adapter	80	pcs		
LIGHTING FIXTURES					
38	1 x10W Rond LED D.L., w/ glass cover (Cool White)	156	set		
39	1 x40W LED Panel Light 120x30 (Cool white)	68	set		
40	1x10W Weatherproof LED Oval Lamp (Warm White)	18	set		
41	1x20W LED Wall Lamp (Warm White)	2	set		
42	2 x3w High Power SMT LED Emergency Lights 12.0V 9.0Ah Sealed Lead Acid Battery	43	set		
BOXES AND CONDULETS					
43	Junction Box PVC Orange w/ Cover	293	pcs		
44	Utility Box PVC Orange	228	pcs		
45	Square Box PVC Orange w/ Cover	293	pcs		
46	Pull box, 4x6x6 Metal gauge 18	20	pcs		
PANEL BOARDS AND CIRCUIT BREAKERS					
LP G/F					
47	Main: 60AT, 25kAIC, 100AF 250V,3P,60HZ, Bolt-on Branches: 6 - 15AT, 60AF, 10kAIC, 2P 8 - 20AT, 60AF, 10kAIC, 2P 250V, 60Hz, Bolt-on 1-spere w/ surface mounting enclosure	1	assy		
LP ST/F					
48	Main: 50AT,25kAIC, 100AF 250V,3P,60HZ, Bolt-on Branches: 8 - 15AT, 60AF, 10kAIC, 2P 8 - 20AT, 60AF, 10kAIC, 2P 250V, 60Hz, Bolt-on 1-spere w/ surface mounting enclosure	1	assy		

ITEM NO	DESCRIPTION	QTY	UNIT	UNIT PRICE (Pesos)	AMOUNT (Pesos)
49	PPACU G/F Main: 125AT,25kAIC, 125AF 250V,2P,60HZ, Bolt-on Branches: 2 - 20AT, 60AF, 10kAIC, 2P 5 - 30AT, 60AF, 10kAIC, 2P 5 - 40AT, 60AF, 10kAIC, 2P 250V, 60Hz, Bolt-on 2-spare w/ surface mounting enclosure	1	assy		
50	PPACU S/F Main: 150AT,25kAIC, 150AF 250V,3P,60HZ, Bolt-on Branches: 2 - 20AT, 60AF, 10kAIC, 2P 10 - 40AT, 60AF, 10kAIC, 2P 250V, 60Hz, Bolt-on 2-spare w/ surface mounting enclosure	1	assy		
51	PPACU T/F Main: 125AT,25kAIC, 125AF 250V,3P,60HZ, Bolt-on Branches: 2 - 20AT, 60AF, 10kAIC, 2P 10 - 40AT, 60AF, 10kAIC, 2P 250V, 60Hz, Bolt-on 4-space w/ surface mounting enclosure	1	assy		
52	PP E Main: 150AT,25kAIC, 150AF 250V,3P,60HZ, Bolt-on Branches: 1 - 60AT, 60AF, 10kAIC, 3P 1 - 50AT, 60AF, 10kAIC, 3P 1 - 40AT, 60AF, 10kAIC, 3P 2 - 20AT, 60AF, 10kAIC, 3P 250V, 60Hz, Bolt-on 3-space w/ surface mounting enclosure	1	assy		
53	LPP PWH Main: 40AT,25kAIC, 100AF 250V,3P,60HZ, Bolt-on Branches: 5 - 15AT, 60AF, 10kAIC, 2P 5 - 20AT, 60AF, 10kAIC, 2P 250V, 60Hz, Bolt-on 3-spare w/ surface mounting enclosure	1	assy		
54	MDP Main : 500AT, 500AF, 25kAIC 3P, 250V, 60Hz Branches: 2- 150AT, 150AF, 25kAIC, 3P 2- 125AT, 150AF, 25kAIC, 3P 2- 60AT, 100AF, 25kAIC, 3P 250V, 60Hz, Bolt-on, 2-spare w/ surface mounting enclosure	1	assy		
55	MDS Main : 500AT, 500AF, 36kAIC 3P, 250V, 60Hz w/ surface mounting enclosure w/ SURFACE mounting NEMA enclosure	1	assy		
55	ATS 3P, 250V, 60Hz Rated Current: 1000A	1	assy		

ITEM NO	DESCRIPTION	QTY	UNIT	UNIT PRICE (Pesos)	AMOUNT (Pesos)
57	OUTDOOR CB (FOR PUMPS) Main : 4-30AT, 60AF, 10kAIC 1-40AT 2P, 250V, 60Hz w/ surface mounting NEMA3R enclosure	5	assy		
MISCELLANEOUS AND HARDWARES					
58	Grounding Wire, 80 mm ² Bare Copper Wire, Soft Drawn	150	mtrs		
59	Ground Rod, 5/8" x 10'	4	pcs		
60	5/8 GI Ground clamp	4	pcs		
61	25mm Ø Ground Rod Connector	4	pcs		
62	Fuseweld (Cable to Gnd Rod)	4	sets		
63	Grounding Hand Hole	4	sets		
64	65mm Ø Entrance Cap	1	pc		
65	Electrical Tape, 6rolls/bndl	50	bndls		
66	Rubber Tape	10	rolls		
67	Hacksaw Blade	30	pcs		
68	Ga #14 GI Pull Wire	100	kgs		
69	PVC Cement, 1000cc	3	cans		
70	5mm x 300mm Cable Ties	4	pcks		
71	Cable Markers	100	pcks		
72	Terminal Lugs for Main Feeder Line	2	set		
73	Fabricated Conduit Clamp for Main Feeder Conduit	4	sets		
74	65mm Ø U-Bolt Clamp	4	pcs		
75	Assorted Bolts and Nuts	4	box		
76	Service Entrance Cap, 2 1/2" Ø	1	pc		
77	Meter Base, 2 1/2"	1	assy		
Sub - Total XIV					P
XV FIRE PROTECTION WORKS					
Fire Extinguisher					
01	10lbs Dry Chemical Portable Fire Extinguisher	25	units		
Fire Extinguisher Wall Support					
02	50mm x 6mm thk x 6m Length Flat Bar	6	pcs		
03	12mm dia. Bolt Screw	50	pcs		
Fire Hose Cabinet with Accessories					
04	1-1/2 x 100 Ft, Single Jacket Fire Hose with complete accessories	3	units		
05	100mm dia x 63 x 63mm Siamese Twin	1	unit		
06	100mm dia BI Pipe for Stand Pipe	3	pcs		
Fire Pump					
07	100 gpm 65psi Vertical In-line Fire Pump with complete accessories	1	pcs		
Additional					
08	90mm dia Spring Gauge	2	pcs		
09	50mm Shut-off Valve with Drain	1	pcs		
10	4" Wafer Check Valve Dual Disc	1	pcs		
Sub - Total XV					P
D GUARD HOUSE					
01	Earthworks	5.2	cu.m		
02	Concrete Works (Ready Mixed Concrete 3000 PSI)	2.2	cu.m		
03	Rebar Works (Grade 40)	212.66	kgs		
Carpentry Works/Formworks					
04	Area	37	sq.m		
	Lumber				
	Phenolic Board 3/4" thick				
	Assorted Nails				
Doors and Windows					
05	(D-1) Flush Type Solid Core Door with Door Jamb and complete	3.36	sq.m		
	(W-1) 6mm Thick Glass Sliding Window on Aluminum Frame Window with complete accessories.	2.88	sq.m		

ITEM NO	DESCRIPTION	QTY	UNIT	UNIT PRICE (Pesos)	AMOUNT (Pesos)
06	Painting Works				
	Painting Area				
	Flat Latex Paint				
	Semi Gloss Latex Paint				
	Quick Dry Enamel				
	Concrete Neutralizer				
	Acri-Color				
	Paint Thinner				
	Masonry Putty				
	Brush roller 6"				
	Paint Brush 4"				
	Paint Brush 2"				
	Sand Paper # 120				
Putty Knife					
07	Tile Works				
	40cm x 40cm Glazed Tiles (Wall Tiles)				
	40cm x 40cm Glazed Tiles (Floor Tiles)				
	Tile Trim				
	Tile Adhesive				
Tile Grout 2.0 kg					
08	Masonry Works				
	Cement				
	Sand				
	150 x 200 x 400mm CHB				
	10mm dia Reinf. Steel Bars				
G.I. Tie Wire					
09	Ceiling Works				
	50mm x 50mm Ceiling Joist				
	6mm Thick Marine Plywood				
Assorted Nails					
10	Roofing Works				
	50mm x 50mm x 3mm Angle Bar	83.95	kgs		
	50mm x 75mm x 2 mm x 6m C-Purlins	5	pcs		
	3/8" Gusset Plate	13.5	kgs		
	Steel Plate/Base Plate 12mm Thick	12.666	kgs		
	Anchor Bolts 20mm Diameter with nuts and washer	16	pcs		
	Sag Rod 12mm Dia.	17.2	kgs		
	Welding Rod	5	kgs		
	0.60 thk. Pre-painted Roofing sheets (1050mm)	16.667	sq.m		
	Pre-Painted Ridge Roll Gauge 24	6.88	l.m		
	Pre-Painted Gutter Gauge 24	10.16	l.m		
	Tek Screw	167	pcs		
	Sealant	1	pcs		
11	Plumbing Works				
	Water Line				
	PPR Pipe Laying, 25mm dia.				
	PPR Pipe Laying, 32mm dia.				
	PPR pipe, 25mm dia x 4m				
	PPR pipe, 32mm dia x 4m				
	PPR Gate Valve, 25mm dia				
	PPR Check Valve, 25mm dia				
	PPR Elbow, 25mm dia X 90°				
	PPR Elbow, 32mm dia X 90°				
	PPR Tee, 25mm dia				
	PPR Tee, 32mm dia				
	PPR Elbow Reducer, 25mm dia x 32mm dia				
	PPR Coupling, 25mm dia				
	PPR Coupling, 32mm dia				
	PPR Clip, 25mm dia				

ITEM NO	DESCRIPTION	QTY	UNIT	UNIT PRICE (Pesos)	AMOUNT (Pesos)
Sewage Line / Vent Line					
12	uPVC Pipe Laying, 4" dia x 3m	12	l.m		
	uPVC Pipe Laying, 2" dia x 3m				
	uPVC Pipe, 4" dia x 3m				
	uPVC Pipe, 2" dia x 3m				
	uPVC Elbow, 4" dia x 90°				
	uPVC Elbow, 2" dia x 90°				
	uPVC Elbow, 4" dia x 45°				
	uPVC Elbow, 2" dia x 45°				
	uPVC Clean out set, 4" dia				
	uPVC Wye, 4" dia				
	uPVC Wye Reducer, 4" x 2"				
	uPVC Tee, 4" dia				
	uPVC Tee, 2" dia				
	uPVC Tap Tee, 2" dia				
	uPVC Tee Reducer, 4" x 2" dia				
	uPVC P-Trap, 2" dia				
	uPVC Double Wye, 4" dia				
uPVC Double Sanitary Tee, 2"					
Water Closet with complete accessories	1	set			
Lavatory with complete accessories	1	set			
Stainless Faucet	1	set			
Stainless Floor Drain, 4" x 4"	1	set			
PE Vertical Septic Tank (0.36 cu.m; 1m diam x 1.050m Height)	1	set			
Electrical Works					
WIRES AND CABLES					
THHN (Branch Circuits)					
13	3.5 mm ² Cu Cond Strnd	80	mtrs		
PIPES AND FITTINGS					
PVC PIPES					
14	20 mm Ø x 3m	12	Inghts		
WIRING DEVICES					
15	One-Way, One-Gang Switch	3	set		
16	Duplex Conv Outlet	2	set		
LIGHTING FIXTURES					
17	1 x10W LED D.L.	4	set		
BOXES AND CONDULETS					
18	Junction Box PVC Orange w/ Cover	5	pcs		
19	Utility Box PVC Orange	5	pcs		
20	Pull box, 4x6x6 Metal gauge 18	1	pc		
MISCELLANEOUS AND HARDWARES					
21	Electrical Tape, 6rolls/bndl	1	bndls		
22	Hacksaw Blade	1	pcs		
23	Ga #14 GI Pull Wire	1	kgs		
24	PVC Cement, 120cc	1	can		
Sub - Total XI					P
E FLAGPOLE					
01	Earthworks	5	cu.m		
02	Concrete Works (Ready Mixed Concrete 3000 PSI)	1	cu.m		
03	Rebar Works (Grade 40)				
	16mm dia. Deformed Reinf Bars	64	kgs		
	10mm dia. Deformed Reinf Bars	18	kgs		
	G.I. Tie Wire	2	kgs		

ITEM NO	DESCRIPTION	QTY	UNIT	UNIT PRICE (Pesos)	AMOUNT (Pesos)
Carpentry Works/Formworks					
04	Area	2	sq.m		
	Lumber				
	Phenolic Board 3/4" thick				
	Assorted Nails				
05	Painting Works	8	sq.m		
Steel Works					
07	50 mm dia G.I. Pipe sched 40	1	pc		
	75 mm dia G.I. Pipe sched 40	1	pc		
	100 mm dia G.I. Pipe sched 40	2	pcs		
08	Miscellaneous Hardware	1	lot		
Sub - Total XI					P
F BOAT SHED					
4.00m x 6.00m Floor Area					
Footing					
01	Concrete Works (Ready Mixed Concrete 3000 PSI)	5	cu.m		
Rebar Works					
02	16mm dia Reinf. Steel Bars	200	kgs		
	10mm dia Reinf. Steel Bars	180	kgs		
Carpentry Works/Formworks					
03	Area	5	sq.m		
	Lumber				
	Phenolic Board 3/4" thick				
	Assorted Nails				
Boat Shed post/Beams and Frame Braces					
04	65 mm dia G.I. Pipe sched 40	12	pcs		
05	38 mm dia G.I. Pipe sched 40	4	pcs		
06	25 mm dia G.I. Pipe sched 40	4	pcs		
Steel Truss					
07	1/4 thk 2x3x20' Purlins	16	pcs		
08	1/4 thk 2x6x20' Purlins(fascia)	2	pcs		
09	Welding Rod	2	box		
10	16 mm dia x 20 Round Bar Tension Rod	6	pcs		
Roofing					
11	0.60 thk. Pre-painted Roofing sheets (1050mm)	60	sq.m		
	Bender Accessories				
	Texcrew				
Painting					
12	Epoxy Enamel Black w/ Catalyst	18.5	sq.m		
	Epoxy Primer				
	Acrylic Thinner				
13	Miscellaneous Hardware	1	lot		
Electrical Works					
WIRES AND CABLES					
THHN (Branch Circuits)					
14	3.5 mm ² Cu Cond Strnd	100	mtrs		
PIPES AND FITTINGS					
PVC PIPES					
15	20 mm Ø x 3m	18	lnghts		
WIRING DEVICES					
16	One-Way, One-Gang Switch	1	set		
17	Duplex Conv Outlet	2	set		
LIGHTING FIXTURES					
18	1 x18W LED F.L.	4	set		
BOXES AND CONDULETS					
19	Junction Box PVC Orange w/ Cover	5	pcs		
20	Utility Box PVC Orange	3	pcs		
21	Pull box, 4x6x6 Metal gauge 18	1	pc		
MISCELLANEOUS AND HARDWARES					
22	Electrical Tape, 6rolls/bndl	1	bndls		
23	Hacksaw Blade	1	pcs		
24	Ga #14 GI Pull Wire	1	kgs		
25	PVC Cement, 120cc	1	can		
Sub - Total XI					P

ITEM NO	DESCRIPTION	QTY	UNIT	UNIT PRICE (Pesos)	AMOUNT (Pesos)
G SLIPWAY					
01	Concrete Volume Portland Cement Sand 3/4" Crushed Gravel Assorted Nails (3"/4"/5") Ga # 16 Gl Tie Wires	65	cu.m		
02	Reinf. Steel Bars	5525	kgs		
03	Woodforms	150	bdf		
04	3/8" thk. Formply	10	sht		
	Sub - Total XI				P
H POWER HOUSE AND SHORE POWER					
01	Earthworks	12	cu.m		
02	Concrete Works (Ready Mixed Concrete 3000 PSI)	14.83	cu.m		
Rebar Works (Grade 40)					
03	16mm dia. Deformed Reinf Bars	821.95	kgs		
	12mm dia. Deformed Reinf Bars				
	10mm dia. Deformed Reinf Bars				
	Ga # 16 Gl Tie Wires	10	kgs		
Carpentry Works/Formworks					
04	Area	62.25	sq.m		
	Lumber				
	Phenolic Board 3/4" thick				
	Assorted Nails				
Doors and Windows					
05	(D-1) (0.90M X 2.10M) Flush Type Solid Core Door with Door Jamb and complete Accessories	1.89	sq.m		
	(D-2) 0.80M X 2.10M) Flush Type Solid Core Door with Door Jamb and complete Accessories	3.36	sq.m		
	(D-3) 2.40M X 2.10M) Double Metal Door with Door Jamb and complete Accessories	5.04	sq.m		
	(W-1) (1.0m x 1.2m) 6mm Thick Glass Sliding Window on Aluminum Frame Window with complete accessories.	1.2	sq.m		
	(W-2) (0.60m x 0.60m) 6mm Thick Glass Awning Window on Aluminum Frame Window with complete accessories.	0.36	sq.m		
Painting Works					
06	Painting Area	275	sq.m		
	Flat Latex Paint				
	Semi Gloss Latex Paint				
	Quick Dry Enamel				
	Concrete Neutralizer				
	Acri-Color				
	Paint Thinner				
	Masonry Putty				
	Brush roller 6"				
	Paint Brush 4"				
	Paint Brush 2"				
	Sand Paper # 120				
Putty Knife					
Tile Works					
07	40cm x 40cm Glazed Tiles (Wall Tiles)	30.07	sq.m		
	40cm x 40cm Glazed Tiles (Floor Tiles)				
	Tile Trim				
	Tile Adhesive				
	Tile Grout 2.0 kg				

ITEM NO	DESCRIPTION	QTY	UNIT	UNIT PRICE (Pesos)	AMOUNT (Pesos)
08	Masonry Works				
	Cement				
	Sand				
	150 x 200 x 400mm CHB	137.5	sq.m		
	10mm dia Reinf. Steel Bars				
	G.I. Tie Wire				
09	Ceiling Works				
	50mm x 50mm Ceiling Joist				
	6mm Thick Marine Plywood	228.35	bdf		
	Assorted Nails				
10	Roofing Works				
	50mm x 50mm x 3mm Angle Bar	265.85	kgs		
	50mm x 75mm x 2 mm x 6m C-Purlins	15	pcs		
	3/8" Gusset Plate	46.9	kgs		
	Steel Plate/Base Plate 12mm Thick	44	kgs		
	Anchor Bolts 20mm Diameter with nuts and washer	24	pcs		
	Sag Rod 12mm Dia.	59.76	kgs		
	Welding Rod	15	kgs		
	0.60 thk. Pre-painted Roofing sheets (1050mm)	57.9	sq.m		
	Pre-Painted Ridge Roll Gauge 24	23.9	l.m		
	Pre-Painted Gutter Gauge 24	35.3	l.m		
	Tek Screw	579	pcs		
	Sealant	2	pcs		
11	Plumbing Works				
	Water Line				
	PPR Pipe Laying, 25mm dia.				
	PPR Pipe Laying, 32mm dia.				
	PPR pipe, 25mm dia x 4m				
	PPR pipe, 32mm dia x 4m				
	PPR Gate Valve, 25mm dia				
	PPR Check Valve, 25mm dia				
	PPR Elbow, 25mm dia X 90°				
	PPR Elbow, 32mm dia X 90°				
	PPR Tee, 25mm dia				
	PPR Tee, 32mm dia				
	PPR Elbow Reducer, 25mm dia x 32mm dia				
	PPR Coupling, 25mm dia				
	PPR Coupling, 32mm dia				
PPR Clip, 25mm dia					
12	Sewage Line / Vent Line				
	uPVC Pipe Laying, 4" dia x 3m				
	uPVC Pipe Laying, 2" dia x 3m				
	uPVC Pipe, 4" dia x 3m				
	uPVC Pipe, 2" dia x 3m				
	uPVC Elbow, 4" dia x 90°				
	uPVC Elbow, 2" dia x 90°				
	uPVC Elbow, 4" dia x 45°				
	uPVC Elbow, 2" dia x 45°				
	uPVC Clean out set, 4" dia				
	uPVC Wye, 4" dia				
	uPVC Wye Reducer, 4" x 2"				
	uPVC Tee, 4" dia				
	uPVC Tee, 2" dia				
	uPVC Tap Tee, 2" dia				
	uPVC Tee Reducer, 4" x 2" dia				
	uPVC P-Trap, 2" dia				
	uPVC Double Wye, 4" dia				
	uPVC Double Sanitary Tee, 2"				
	Water Closet with complete accessories	1	set		
	Lavatory with complete accessories	1	set		
	Stainless Faucet	1	set		
	Stainless Floor Drain, 4" x 4"	1	set		
PE Vertical Septic Tank (0.36 cu.m; 1m diam x 1.050m Height)	1	set			

ITEM NO	DESCRIPTION	QTY	UNIT	UNIT PRICE (Pesos)	AMOUNT (Pesos)
ELECTRICAL WORKS					
WIRES AND CABLES					
THHN (Branch Circuits)					
13	3.5 mm ² Cu Cond Strnd	2	roll		
THW (Main Feeder/ Feeder)					
14	8.0 mm ² Cu Cond Strnd	240	mtrs		
TW (Grounding)					
15	8.0 mm ² Cu Cond Strnd	80	mtrs		
PIPES AND FITTINGS					
PVC PIPES					
16	20 mm Ø x 3m	29	Inghts		
17	25 mm Ø x 3m	5	Inghts		
WIRING DEVICES					
18	One-Way, One-Gang Switch	4	set		
19	Duplex Conv Outlet	4	set		
20	One Gang Outlet	1	set		
21	Window Type ACU Outlet	2	set		
22	60W Ceiling Mounted Exhaust Fan	1	set		
LIGHTING FIXTURES					
23	1 x10W Square LED D.L., w/ glass cover (Cool White)	5	set		
24	1 x18W Explosion Proof LED F.L.	3	set		
25	2 x3w High Power SMT LED Emergency Lights 12.0V 9.0Ah Sealed Lead Acid Battery	3	set		
BOXES AND CONDULETS					
26	Junction Box PVC Orange w/ Cover	15	pcs		
27	Utility Box PVC Orange	10	pcs		
28	Pull box, 4x6x6 Metal gauge 18	2	pc		
MISCELLANEOUS AND HARDWARES					
29	Electrical Tape, 6rolls/bndl	3	bndls		
30	Hacksaw Blade	4	pcs		
31	Ga #14 GI Pull Wire	15	kgs		
32	PVC Cement, 500cc	1	can		
PAD MOUNTED TRANSFORMER					
33	50 KVA PAD MOUNTED TRANSFOR MER WITH WIRING AND ACCE Delta-Wye	3	assy		
GENERATOR SET AND WIRING					
34	50 KVA 3-PHASE DIESEL GENERATOR	1	assy		
Sub - Total XI					P
TOTAL COST					P

AMOUNT IN WORDS: _____

Submitted by:

Name and Signature of Bidder's Representative

Date

Position

Name of the Company