

**BILL OF QUANTITIES  
PROPOSED RECLAMATION AND BERTHING FACILITY  
PORT OF CULASI, ROXAS CITY**

**Bill No. 1 GENERAL EXPENSES**

ITEM NO (1)	DESCRIPTION OF WORK (2)	UNIT (3)	QTY (4)	UNIT PRICES (PESOS) (5)	TOTAL PRICE (PESOS) (6)
1.01	Mobilization, demobilization and cleaning up	Lump sum	1		
1.02	Provide site office for the Engineer and staff	Lump sum	1		
1.03	Maintain site office for the Engineer and his staff	Lump sum	1		
1.04	Provide and maintain office equipment for the use of the Engineer and his staff	Lump sum	1		
1.05	Provide service vehicle for the use of the Engineer and his staff	Lump sum	1		
1.06	Provide computer For the use of the Engineer and his staff	Lump sum	1		
<b>TOTAL FOR BILL NO. 1</b>					

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**Bill No. 2 DEMOLITION**

ITEM NO	DESCRIPTION OF WORK	UNIT	QTY	UNIT PRICES (PESOS)	TOTAL PRICE (PESOS)
(1)	(2)	(3)	(4)	(5)	(6)
2.01	Chip-off existing R. C. Curb to deck level and smoothen with mortar	l.m.	291		
2.02	Demolish / Dispose existing concrete pavement	sq.m.	1093		
2.03	Remove / excavate existing earthfill	sq.m.	7432		
2.04	Remove existing rocks	cu.m.	882		
2.05	Accessories	no.	6		
<b>TOTAL FOR BILL NO. 2</b>					

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**Bill No. 3 RECLAMATION**

ITEM NO (1)	DESCRIPTION OF WORK (2)	UNIT (3)	QTY (4)	UNIT PRICES (PESOS) (5)	TOTAL PRICE (PESOS) (6)
3.01	Supply and drive R. C. Corner Pile No. 1	l.m.	15		
3.02	Supply and drive R. C. Corner Pile No. 2	l.m.	15		
3.03	Supply and drive R. C. Corner Pile No. 3	l.m.	15		
3.04	Supply and deliver to site (0.50x0.60x20.0m) R. C. Sheet Piles	l.m.	8100		
3.05	Handle, pitch and drive (0.50x0.60x20.0m) R.C. Sheet Piles	l.m.	8145		
3.06	Supply and place 3,500 psi concrete for retaining wall	cu.m.	432		
3.07	Supply and install steel reinforcement for Item 3.06	kg.	36467		
3.08	Supply and place Class B Concrete Block	cu.m.	7		
3.09	Supply and deliver to site (0.46x0.46x 18.0m) Anchor Piles	l.m.	2178		
3.10	Handle, pitch and drive (0.46x0.46x 18.0m) Anchor Piles	l.m.	2178		
<b>SUB-TOTAL FOR BILL NO. 3</b>					

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**Bill No. 3 RECLAMATION**

ITEM NO (1)	DESCRIPTION OF WORK (2)	UNIT (3)	QTY (4)	UNIT PRICES (PESOS) (5)	TOTAL PRICE (PESOS) (6)
3.11	Supply and place 3,500 psi concrete for the beams	cu.m.	205		
3.12	Supply and install steel reinforcement for Item 3.11	kg.	8900		
3.13	Supply and install Tie-rod (60mm dia. x 18m) incl. accessories	set	121		
3.14	Supply and install Tie-rod (60mm dia. x 20m) incl. accessories	set	32		
3.15	Supply and install Tie-rod (60mm dia. x 20m) incl. accessories	set	1		
3.16	Supply and place Armour Rocks (2,000 kg)	cu.m.	1096		
3.17	Supply and place Core Rocks (50-100 kg)	cu.m.	90		
3.18	Supply and install Geotextile Fabric (Polyfelt TS-50 or equivalent)	sq.m.	2125		
3.19	Supply, spread and compact selected fill	cu.m.	32179		
3.20	Supply, spread and compact sub-base course (400mm thk)	cu.m.	3854		
<b>SUB-TOTAL FOR BILL NO. 3</b>					

**ANNEX "B-4"**

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**Bill No. 3 RECLAMATION**

ITEM NO (1)	DESCRIPTION OF WORK (2)	UNIT (3)	QTY (4)	UNIT PRICES (PESOS) (5)	TOTAL PRICE (PESOS) (6)
3.21	Supply, spread and compact 10% cement treated base course (150mm thk)	cu.m.	964		
3.22	Supply, spread and compact graded crushed stone (150mm thk)	cu.m.	964		
3.23	Supply, spread and compact levelling stone (50mm thk)	cu.m.	483		
3.24	Supply and install 6,000 psi concrete pavings blocks (200x100x125mm)	sq.m.	9636		
3.25	Construct R. C. Curb as indicated in the drawings	l.m.	63		
3.26	Extend existing drainage pipe (300mm dia.) for outfall	l.m.	9		
<b>TOTAL FOR BILL NO. 3</b>					

**ANNEX "B-5"**

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**Bill No. 4 FENDERING / MOORING SYSTEM**

ITEM NO (1)	DESCRIPTION OF WORK (2)	UNIT (3)	QTY (4)	UNIT PRICES (PESOS) (5)	TOTAL PRICE (PESOS) (6)
4.01	Supply and deliver to site Mooring Bollard (50T, T-head) including accessories	set	16		
4.02	Install Mooring Bollard (50T, T-head) including accessories	set	16		
4.03	Supply and deliver to site Rubber dock fender (cylindrical type) (900mm dia. x 450mm dia. x 1,000mm) including accessories	set	16		
4.04	Install rubber dock fender (cylindrical type) (900mm dia. x 450mm dia. x 1,000mm) including accessories	set	16		
<b>TOTAL FOR BILL NO. 4</b>					

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**Bill No. 5 PORT LIGHTING SYSTEM**

ITEM NO  (1)	DESCRIPTION OF WORK  (2)	UNIT  (3)	QTY  (4)	UNIT PRICES (PESOS)  (5)	TOTAL PRICE (PESOS)  (6)
5.01	Supply, deliver and install conduit pipes incl. fittings of various sizes: a) 15mm dia. RSC b) 20mm dia. PVC c) 60mm dia. PVC d) 80mm dia. PVC	l.m. l.m. l.m. l.m.	21 105 1,368 6		
5.02	Construct R. C. Handhole as shown in the drawings	no.	8		
5.03	Construct R. C. Duct bank as shown in the drawings	l.m.	385		
5.04	Supply and install electrical wires and cables: a) 3.50 sq. mm THW b) 5.50 sq. mm THW c) 8.00 sq. mm THW d) 14.00 sq. mm THW e) 22.00 sq. mm THW f) 30.00 sq. mm THW g) 38.00 sq. mm THW h) 22.00 sq. mm BCW i) 14.0 sq. mm BCW	l.m. l.m. l.m. l.m. l.m. l.m. l.m. l.m. l.m. l.m.	3,657 18 22 13 48 30 68 112 21		
<b>SUB-TOTAL FOR BILL NO. 5</b>					

EX" B-7 "

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**Bill No. 5 PORT LIGHTING SYSTEM**

ITEM NO (1)	DESCRIPTION OF WORK (2)	UNIT (3)	QTY (4)	UNIT PRICES (PESOS) (5)	TOTAL PRICE (PESOS) (6)
5.05	Supply and install lighting control panel with magnetic contractor as shown on the drawings: a) MDP-LCP Main: 200AT, 225AF, 2P, 220V, ACB Branch: 7-30AT, 2P, 220V, ACB b) LCP1, typical to LCP7 Main: 30AT, 2P, 220V, ACB Branch: 4-20AT, 2P, 220V, ACB	set	1		
5.06	Excavation, backfill and compaction for steel pole, handhole and duct bank foundation	cu.m.	685		
5.07	Construction steel pole foundation as indicated in the drawings	no.	7		
5.08	Supply, deliver and install floodlight steel pole (12m high) as indicated in the drawings	no.	7		
5.09	Supply, deliver and install floodlight fixture, 1000W HPS, die-cast aluminum reflector and copper content for excellent corrosion resistance (wide beam) or equivalent	set	21		
<b>SUB-TOTAL FOR BILL NO. 5</b>					

ANNEX "B-8"

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**Bill No. 5 PORT LIGHTING SYSTEM**

ITEM NO (1)	DESCRIPTION OF WORK (2)	UNIT (3)	QTY (4)	UNIT PRICES (PESOS) (5)	TOTAL PRICE (PESOS) (6)
5.10	Supply and install lighting arrester, complete with are terminal ground wire and copper rod	set	7		
<b>TOTAL FOR BILL NO. 5</b>					