

PROJECT FEATURE

PROJECT TITLE : **CAGAYAN DE ORO PORT EXPANSION PROJECT**

LOCATION : **Port of Cagayan de Oro, Cagayan de Oro City, Misamis Oriental**

A. CONSTRUCTION OF PORT OPERATIONAL AREA ON FILL

Area = 11,906.34 sq.m.

- 1 Chipped-off existing rc curb and smoothen with mortar (130 l.m.) including structure to expose bar for anchoring of new rsb (38 l.m.)
- 2 Supply and drive of concrete piles (0.35m x 0.525m x 10m psc sheet piles - 2,570 l.m., rc corner sheet piles - 30 l.m. and 0.45m x 0.45m x 26m PSC piles - 26 l.m.), including chipping and cutting of newly driven piles up to required elevation (261 pcs)
- 3 Supply and installation of tie rod (50mmØ x 13m - 68 pcs) including accessories
- 4 Construction of rock bulkhead (14,762 cu.m.), including geotextile fabric (5,241 sq.m.), fill materials (45,248 cu.m.), reinforced concrete for retaining walls, rc curb, coping wall, anchor block, lateral drainage, catch drain manhole, high mask tower foundation, concrete pedestal post and duckbank (840 cu.m. of concrete and 82,440 kg of reinforcing steel bars of various sizes)
- 5 Construction of interlocking concrete block pavement (10,816 sq.m.) including aggregate base course (1,700 cu.m.), cement treated base course (1,622 cu.m), sand cushion (541 cu.m.) and concrete edging (668 sqm.)
- 6 Supply, fabricate and install hot-dipped galvanized trench grate cover for lateral drainage and catch drain manhole (248 sq.m.) including excavation works (579 cu.m.), lean concrete (26 cu.m.) and gravel bedding (81 cu.m.)
- 7 Supply and installation of various materials for port lighting (1 lot)

B. CONSTRUCTION OF RC RELIEVING PLATFORM

Area = 2,322.00 sq.m.

- 1 Supply and drive 450mm x 450mm PSC Piles (5,676 l.m.), including chipping/cutting to required elevation (215 pcs)
- 2 Supply and place 3,500 psi concrete (1,151 cu.m.) and reinforcing steel bars(152,560 kg of various sizes) for superstructure, including construction joint (459 l.m.)

C. CONSTRUCTION OF RC WHARF EXTENSION

Area = 2,580.00 sq.m.

- 1 Supply and drive A252 Grade 2, 600mmØ x 13mm thk. Steel Pipe Piles (1.225 m.t equivalent to 6,507 l.m.), including application of polyurethane external coating (7,148 sq.m.), supply and place concrete filler (1,104 cu.m.), installation of reinforcing steel cage bar(218,176 kg of various sizes), extraction of clogged materials (736 cu.m.), cutting of piles up to cut-off elevation and installation of reinforcing band tip (237 sets) and sand filler (184 cu.m.)
- 2 Supply and place 3,500 psi concrete (1,647 cu.m.) and reinforcing steel bars(219,995 kg of various sizes) for superstructure, including construction joint (209 l.m.)
- 3 Supply and installation of rubber dock fender (M-400H x 1500L- 11 sets and M-800H x 2000L - 11 sets) including accessories
- 4 Supply and installation of mooring bollard (100T, T-Head - 11 sets) including accessories
- 5 Supply and installation of various materials for water supply line (1 lot)

APPROVED BUDGET FOR THE CONTRACT	Php	691,416,840.44
SOURCES OF FUNDING	PPA Corporate Fund	
TOTAL PROJECT COST	Php	700,000,000.00
PROJECT DURATION	600 Calendar Days	

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