

**PROJECT FEATURE**

- PROJECT TITLE** : CONSTRUCTION OF WHARF AND PORT OPERATIONAL AREA WITH CONTINUOUS RORO RAMP
- LOCATION** : Port of Catagbacan, Loon, Bohol
- SCOPE OF WORK** :
- A. CONSTRUCTION OF PORT OPERATIONAL AREA**
- 1 Chip-off existing RC curb (142 l.m.) and excavate existing fill materials (81 cu.m.)
  - 2 Supply and drive PSC and RC sheet piles (1,148 l.m.) and chip-off piles up to required elevation (68 units)
  - 3 Supply and drive 900mm Ø steel pipe sheet piles (1,679 l.m.), cut-off piles up to required elevation (73 units), apply protective coating (2,654 sq.m.), install steel walers (5,079 kg), place sand filler (307 cu.m.) and concrete filler (160 cu.m.) and install steel cage bars (19,296 kg)
  - 4 Supply and drive PSC square piles (1,152 l.m.), chip-off piles up to required elevation (32 units) and splice batter piles (32 units)
  - 5 Supply and place 3,500 psi concrete (749 cu.m.) including steel reinforcements (55,467 kg) for various reinforced concrete structures
  - 6 Supply and place 50-100 kg/pc. core rocks (7,121 cu.m.) and 1,000 kg/pc armour rocks (1,987 cu.m.)
  - 7 Supply and install tie-rods of various sizes (steel 45) including accessories (57 sets)
  - 8 Supply and install geotextile fabric (2,944 sq.m.),
  - 9 Supply and place sand and gravel fill (46,951 cu.m.), aggregate subbase course (9,823 cu.m.), aggregate base course (1,614 cu.m.) and gravel bedding (92 cu.m.)
  - 10 Supply and place/install cement treated base course (1,430 cu.m.), sand cushion (477 cu.m.) and paving blocks (9,530 sq.m.)
  - 11 Construct Portland cement concrete pavement including construction joint (920 sq.m.)
  - 12 Supply and install rubber dock fenders (V-type, 500H x 1500L) (25 sets)
  - 13 Supply and install mooring bollards (50 ton cap., T-head) (8 sets)
  - 14 Supply and install railing at ramp and port lighting system
- B. CONSTRUCTION OF RC WHARF**
- 1 Chip-off existing RC curb (85 l.m.) and remove existing mooring bollard (3 units)
  - 2 Supply and drive 600mmØ steel pipe test piles with protective external coating (2 units)
  - 3 Supply and drive 600mm Ø steel pipe piles (10,298 l.m.), cut and splice piles (277 units), apply protective coating (7,496 sq.m.), install reinforcing band tip (275 units), extract clogged materials (220 cu.m.) and place concrete filler (1,278 cu.m.) with steel reinforcements (257,314 kg)
  - 4 Supply and place 3,500 psi concrete (1,323 cu.m.) with steel reinforcements (190,974 kg) for superstructure
  - 5 Supply and install construction joints (194 l.m.)
  - 6 Supply and install rubber dock fenders (V-type, 500H x 2,000L) (25 sets)
  - 7 Supply and install mooring bollards (70 ton cap., T-head) (25 sets)

APPROVED BUDGET FOR THE CONTRACT :	Php	669,307,773.87 ✓
SOURCES OF FUNDING :	PPA Corporate Fund	
TOTAL PROJECT COST :	Php	756,317,784.47 ✓✓
PROJECT DURATION :	720	Calendar Days ✓


