

## PROJECT FEATURE

**PROJECT TITLE** : **PROPOSED MARIBOJOC PORT IMPROVEMENT PROJECT**

**LOCATION** : **Port of Maribojoc, Maribojoc, Bohol**

**SCOPE OF WORK**

**A. IMPROVEMENT OF EXISTING ROCK CAUESWAY  
( Area = 1,823.96 sq.m.)**

1. Demolish and dispose existing concrete pavement (785 sq.m.) and foundation of existing rc curb up to required elevation (118 cu.m.) including excavation, backfilling and compaction of existing fill materials (271 cu.m.)
2. Construction of rock bulkhead (16,309 cu.m.), fill materials (2,717 cu.m.) including installation of geotextile fabric (2,887 sq.m.), reinforcing concrete for retaining walls and rc curb (482 cu.m. of concrete and 52,351 kg of reinforcing bars of various sizes), and portland cement concrete pavement (1,718 sq.m. - 250mm thk.) including aggregate base course (344 cu.m.)

**B. CONSTRUCTION OF BACK-UP AREA WITH RORO RAMP ON FILL  
( Area = 6,304.98 sq.m.)**

1. Demolish and dispose existing rc deck (102 sq.m.) including cutting/chipping of existing rc piles up to elevation MLLW (12 pcs.), existing chb fence (251 sq.m.) and existing concrete pavement (1,464 sq.m.). Remove and turn over to authority existing mooring bitt and cleat (2 sets), existing RDF (3 sets), existing timber lamp post (2 sets), water tank and steel beam (2 sets)
2. Supply and drive A252 Grade 2, 1200mmØ x 16mm thk. Steel Pipe Sheet Piles (1,091 m.t. equivalent to 2,241 l.m.), including application of polyurethane external coating (1,252 sq.m.), supply and place of sand filler (525 cu.m.), concrete filler (356 cu.m.), supply and installation of reinforcing steel cage bar (46,775 kg of various sizes) and extraction of clogged materials (208 cu.m.).
3. Supply and installation of steel channel wale (8,077 kg), tie rod of various sizes (40 sets - 90mmØ x 17m, 110 sets - 60mmØ x 10m and 4 sets - 32mmØ x 12m.), geotextile fabric (7,073 sq.m.) and anchor block (4 sets).
4. Supply and drive of concrete piles (0.35m x 0.525m PSC Sheet Piles - 9,798 l.m., 0.40m x 0.40m PSC piles - 7,500 l.m. and RC corner sheet piles - 92 l.m.), including chipping and cutting (730 pcs)
5. Construction of rock bulkhead (12,206 cu.m.), fill materials (31,169 cu.m.), shear key (596 sq.m.) and reinforcing concrete for retaining walls, pile cap/anchor block, mooring and fendering blocks and slotted rc curb (705 cu.m. of concrete and 70,694 kg of reinforcing bars of various sizes)
6. Construction of portland cement concrete pavement (205 sq.m.-300mm thk.) and interlocking concrete block pavement (5,383 sq.m.), including aggregate base course (1,023 cu.m.), cement treated base course (808 cu.m.) and levelling sand cushion (270 cu.m.)
7. Construct catch drain manhole including cover ( 11 sets), supply and install RCP of various sizes (460mm RCP - 30 l.m. and 610mm RCP 122 l.m.) including gravel bedding (6 cu.m.),
8. Supply and install mooring bollards, 50 tons, T-head (2 sets) and rubber dock fender, V-type, 500H x 2000L (4 sets)
9. Excavate existing seabed up to required elevation prior to installation of rocks (8,091 cu.m.)

**C. CONSTRUCTION OF BREASTING DOLPHIN  
( Quantity = 2 sets)**

1. Supply and drive A252 Grade 2, 700mmØ x 13mm thk. Steel Pipe Piles ( 118 m.t.-532 l.m.), including application of polyurethane external coating (106 sq.m.), cutting (12 pcs), splicing (12 pcs), installation of reinforcing band tip (12 pcs), concrete filler (77 cu.m.), supply and installation of reinforcing steel cage bar (17,582 kg of various sizes) and extraction of clogged materials (33 cu.m.)
2. Supply and place 3,500 psi concrete (71 cu.m.) and reinforcing steel bars (3,289 kg of various sizes) for breasting dolphin
3. Supply and install mooring bollards, 50 tons, T-head (2 sets) and rubber dock fender, V-type, 500H x 2400L (2 sets)

**D. PORT LIGHTING SYSTEM**

1. Supply and installation of single bar floodlight steel tapered lamp post, 10.00m ht., hot dipped galvanized (4 sets) with floodlight fixture, 100 watt, LED (8 sets) and single arm steel tapered lamp post, 10.00m ht., hot dipped galvanized (6 sets) with floodlight fixture, 70 watt, (6 sets)

**APPROVED BUDGET FOR THE CONTRACT** : P **485,806,838.39**

**Sources of Funding** : **PPA Corporate Fund**

**TOTAL PROJECT COST** : P **524,671,385.46**

**PROJECT DURATION** **690 C.D.**