

PROJECT FEATURE

PROJECT TITLE : **PROPOSED ISABELA PORT IMPROVEMENT PROJECT**

LOCATION : **Port of Isabela, Isabela City, Basilan**

SCOPE OF WORK **A. IMPROVEMENT OF EXISTING RC WHARF**
(Area = 3,883.49 sq.m.)

1. Demolish and dispose existing rc wharf (1,549 sq.m.), existing concrete pavement (693 sq.m.) and existing concrete fender (13 pcs), including chipping of existing rc piles up to elevation mean lower low water (MLLW-270 pcs), Remove and turn over to authority existing mooring bitt (11 sets), existing RDF (6 sets), existing timber wale (40 sets) and existing lamp post (3 sets)
2. Supply and drive A252 Grade 2, 900mm ϕ x 13mm thk. Steel Pipe Sheet Piles (1,217 m.t. equivalent to 3,906 l.m.), including application of polyurethane external coating (2,104 sq.m.), supply and place of sand filler (670 cu.m.), concrete filler (447 cu.m.), supply and installation of reinforcing steel cage bar (52,131 kg of various sizes) and extraction of clogged materials (208 cu.m.).
3. Supply and installation of steel channel wale (13,587 kg), tie rod (18 sets - 32mm ϕ x 11.954m and 99 sets - 60mm ϕ x 12m.), geotextile fabric (4,608 sq.m.) and anchor blocks (18 sets)
4. Supply and drive of concrete piles (0.35m x 0.525m PSC Sheet Piles - 459 l.m., 0.40m x 0.40m PSC piles - 3,960 l.m. and RC corner sheet piles - 37 l.m.), including chipping and cutting (227 pcs)
5. Construction of rock bulkhead (13,188 cu.m.), fill materials (20,171 cu.m.), shear key (362 sq.m.) and reinforcing concrete for retaining walls, perimeter fence column, pile cap/ anchor block, mooring and fendering blocks and slotted rc curb (717 cu.m. of concrete and 65,079 kg. of reinforcing bars of various sizes)
6. Construction of portland cement concrete pavement (595 sq.m.) and interlocking concrete block pavement (2,875 sq.m.), including aggregate base course (563 cu.m.), cement treated base course (432 cu.m.) and levelling sand cushion (144 cu.m.)
7. Construct catch drain manhole including cover (8 sets), supply and install RCP of various sizes (400mm RCP - 90 l.m. and 600mm RCP 49 l.m.) including gravel bedding (6 cu.m.), CHB wall for perimeter fence (97 sq.m.), including plastering (243 sq.m.) and installation of various materials for cyclone wire mesh fence (158 sq.m.)
8. Supply and install mooring bollards, 50 tons, T-head (9 sets) and rubber dock tender, V-type, 500H x 2000L (27 sets)
9. Excavate existing seabed up to required elevation prior to installation of rocks (6,724 cu.m.)

B. CONSTRUCTION OF RORO RAMP AND RC PLATFORM
(Area = 376.07 sq.m.)

1. Supply and drive A252 Grade 2, 500mm ϕ x 13mm thk. Steel Pipe Piles (212 m.t.-1,352l.m.), including application of polyurethane external coating (346 sq.m.), cutting (55 pcs) and installation of reinforcing band tip (55 pcs)
2. Supply and place 3,500 psi concrete filler (165 cu.m.) and reinforcing steel cage (41,798 kgs of various sizes) for steel pipe piles including extraction of clogged materials (36 cu.m.)
3. Supply and place 3,500 psi concrete (201 cu.m.) and reinforcing steel bars (36,878 kg of various sizes) for superstructure
4. Supply and install rubber dock tender, V-type, 500H x 2000L (3 sets)

C. PORT LIGHTING SYSTEM

1. Supply and installation of single bar floodlight steel tapered lamp post, 10.00m ht., hot dipped galvanized (5 sets) with floodlight fixture 70 watt, LED (10 sets)

APPROVED BUDGET FOR THE CONTRACT : P **363,819,720.70**

Sources of Funding : **PPA Corporate Fund**

TOTAL PROJECT COST : P **392,925,298.36**

PROJECT DURATION : **660 C.D.**