

PROJECT FEATURE

PROJECT TITLE : PROPOSED MALALAG PORT DEVELOPMENT PROJECT
LOCATION : Port of Malalag, Malalag, Davao del Sur
SCOPE OF WORK

**A. CONSTRUCTION OF RC WHARF
(Area = 2,475 sq.m.)**

1. Supply and drive A252 Grade 2, 700mm ϕ x 13mm thk. Steel Pipe Piles (2,448 m.l.- 11,110 l.m.) including application of polyurethane external coating (1,936 sq.m.) , splicing (220 pcs), cutting (220 pcs) and installation of reinforcing band tip (220 pcs)
2. Supply and place 3,500 psi concrete filler (1,767 cu.m.) and reinforcing steel cage (397,797 kgs of various sizes) for steel pipe piles including extraction of clogged materials (536 cu.m.)
3. Supply and place 3,500 psi concrete (1,632 cu.m.) and reinforcing steel bars (177,054 kg of various sizes) for superstructure
4. Supply and install mooring bollards, 100 tons, T-head (19 sets), 50 tons, T-head (15 sets) and rubber dock fender, Hyper Omega Fender, HOM-1000H x100 (19 sets), V-type, 400H x 2000L (15 sets)

**B. CONSTRUCTION OF ACCESS TRESTLE
(Area = 540 sq.m.)**

1. Supply and drive A252 Grade 2, 500mm ϕ x 13mm thk. Steel Pipe Piles (588 m.l.- 3,760 l.m.) including application of polyurethane external coating (503 sq.m.) , splicing (80 pcs), cutting (80 pcs) and installation of reinforcing band tip (80 pcs)
2. Supply and place 3,500 psi concrete filler (276 cu.m.) and reinforcing steel cage (68,188 kgs of various sizes) for steel pipe piles including extraction of clogged materials (133 cu.m.)
3. Supply and place 3,500 psi concrete (263 cu.m.) and reinforcing steel bars (35,807 kg of various sizes) for superstructure
4. Supply and install mooring bollards, 50 tons, T-head (4 sets) and rubber dock fender, V-type, 400H x 2000L (6 sets)

**C. CONSTRUCTION OF BACK-UP AREA
(Area = 705.65 sq.m.)**

1. Demolish and dispose existing rc wharf (471 sq.m.) , existing terminal building (204 sq.m.) and removal of existing mooring bollard, fire hydrant and lighting post, including turn over to authority (8 sets).
2. Construction of rock bulkhead (3,100 cu.m.) , fill materials (3,389 cu. m.) , reinforced concrete retaining walls, anchor wall and slotted rc curb (200 cu.m. of concrete and 19,135 kg of reinforcing bars of various sizes) and portland cement concrete pavement (684 sq.m.) , including aggregate base course (137 cu.m.) .
3. Supply and drive 0.35m x 0.525m PSC sheet piles (2,352 l.m.) and corner sheet pile (84 l.m.) , including chipping and cutting (116 pcs.)
4. Supply and install 60 mm ϕ x 13 m tie rod including accessories (30 set)

**D. UPGRADING OF EXISTING BACK-UP AREA
(Area = 1,202.15 sq.m.)**

1. Construction of reinforced concrete for retaining walls 3 and 4, perimeter fence column and column footing (64 cu.m. of concrete and 7,320 kg of reinforcing bars of various sizes), selected fill (92 cu.m.) , portland cement concrete pavement (1,243 sq.m.) , including aggregate base course (247 cu.m.) and gravel bedding (19 cu.m.) and chb wall for perimeter fence (150mm thk. - 108 sq.m.) , including plastering of chb wall, column (284 sq.m.) , cyclone wire mesh fence (180 sq.m.) and steel gate (1 pc)

E. PORT LIGHTING SYSTEM

1. Supply and installation of single bar floodlight steel tapered lamp post, 10.00m ht, hot dipped galvanized (6 sets) with floodlight fixture 70 watt, LED (12 sets)

APPROVED BUDGET FOR THE CONTRACT : P **508,046,410.18**
Sources of Funding : **PPA Corporate Fund**

TOTAL PROJECT COST : P **548,690,122.99**

PROJECT DURATION : **600 C.D.**