

## PROJECT FEATURE

**PROJECT TITLE** : **UPGRADING OF GENERAL CARGO BERTH**

**LOCATION** : **Port of Davao, Sasa, Davao City**

**SCOPE OF WORK** **A. UPGRADING OF GENERAL CARGO BERTH**

( Area = 8,954.70 sq.m.)

1. Remove and turn-over to authority existing mooring bollard (18 sets), existing RDF (21 sets), demolish and dispose existing rc deck (3,668 sq.m.) including chipping of existing concrete piles (357 pcs) and steel pipe piles (127 pcs) up to elevation MLL
2. Supply and drive A252 Grade 2, 1000mm $\phi$  x 18mm thk. Steel Pipe Sheet Piles 3,349 m.t. equivalent to 7,350 l.m.), including application of polyurethane external coating (2,843 sq.m.), supply and place of sand filler (386 cu.m.), concrete filler (3,016 cu.m.), installation of reinforcing steel cage bar (638,071 kg of various sizes), extraction of clogged materials (1,438 cu.m.), and cutting of SPSP up to cut-off el. (245 pcs).
3. Supply and installation of steel channel wale (20,317 kg), tie rod of various sizes (122 sets - 80mm $\phi$  x 18m, 13 sets - 60mm $\phi$  x 14m, 9 sets - 60mm $\phi$  x 16m and 48 sets - 32mm $\phi$  x 12m), geotextile fabric (8,755 sq.m.) and anchor block ( 48 sets).
4. Construction of rock bulkhead (27,288 cu.m.), fill materials(66,956 cu.m), reinforced concrete for retaining wall, anchor wall, mooring block, fender block, rc curb, pile cap, curtain wall and perimeter fence column (1,711 cu.m. of concrete and 137,810 kg of reinforcing steel bars of various sizes)
5. Supply and drive of concrete piles (0.35m x 0.525m psc sheet piles - 1,580 l.m., rc corner sheet piles - 80 l.m. and 0.45m x 0.45m PSC piles - 6,615 l.m.), including chipping and cutting of newly driven piles up to required elevation (328 pcs).
6. Construction of CHB wall ( 106 sq.m. ), including plastering (266 sq.m.), and various materials for cyclone wire mesh (139 sq.m.)
7. Construction of portland cement concrete pavement (300mm thk., 8,340 sq.m.), including aggregate base course (1,668 cu.m.)
8. Supply and install rubber dock fender, Hyper Omega Fender, HOM-1000H x100 (24 sets) and mooring bollard, 100T - T-head (24 sets)
9. Construction of catch drain manhole (15 sets) and reinforced concrete pipe (910mm $\phi$  -217 l.m.), including gravel bedding (33 cu.m.) and sand bedding (72 cu.m.).

### B. PORT LIGHTING SYSTEM

1. Supply and installation of floodlight steel post, 30.00m ht., hot dipped galvanized (1 set) with 500 watt LED floodlight fixture (8 sets)

**APPROVED BUDGET FOR THE CONTRACT** : P **885,095,592.23**  
**Sources of Funding** : **PPA Corporate Fund**

**TOTAL PROJECT COST** : P **999,272,923.63**

**PROJECT DURATION** : **720 C.D.**