

## PROJECT FEATURE

**PROJECT TITLE** : **CONSTRUCTION OF BACK-UP AREA**

**LOCATION** : **Port of Dumangas, Brgy. Sapao, Dumangas, Iloilo**

**SCOPE OF WORK** **A. CONSTRUCTION OF BACK-UP AREA**

( Area = 15,427.37 sq.m.)

1. Remove and turn-over to authority existing mooring bollard (2 sets), and existing ICBP (455 sq.m.), demolish and dispose existing sheet pile wall (44 cu.m.) and existing rc curb (72 l.m.)
2. Excavate/backfill and compaction of existing fill materials (1,241 cu.m.) and extraction of rock materials from existing bulkhead (325 cu.m.)
3. Construction of rock bulkhead (7,193 cu.m.), fill materials(66,746 cu.m), reinforced concrete for retaining walls, wing wall, anchor wall, mooring block, fender block, rc curb, built-up for rc curb and perimeter fence column (767 cu.m. of concrete and 76,824 kg of reinforcing steel bars of various sizes)
4. Supply and drive of concrete piles (0.35m x 0.525m psc sheet piles - 4,114 l.m. and rc corner sheet piles - 44 l.m.), including chipping and cutting of newly driven piles up to required elevation (189 pcs)
5. Construction of CHB wall ( 352 sq.m. ), including plastering (876 sq.m.), and various materials for cyclone wire mesh (584 sq.m.)
6. Construction of portland cement concrete pavement (PCCP, 300mm thk. - 15,342 sq.m.) including aggregate base course (3,069 cu.m.)
7. Supply and install of geotextile fabric (4,612 sq.m.), tie rod of various sizes (4 sets - 32mmØ x 12.00m and 50 sets - 60mmØ x 15m), and anchor block (4 pcs), including gravel bedding (80 cu.m.)
8. Supply and install rubber dock fender, V-type, 500H x 1500L (12 sets) and mooring bollard ( 35 tons, T-Head - 2 sets)
9. Construction of catch drain manhole (8 sets), including reinforced concrete pipe (600mmØ -105 l.m.)
10. Excavate existing seabed up to required elevation (5,927 cu.m.)

**B. PORT LIGHTING SYSTEM**

1. Supply and installation of single angle bar floodlight steel post, 10.00m ht., hot dipped galvanized (6 sets) with 100 watt LED floodlight fixture (12 sets)

**APPROVED BUDGET FOR THE CONTRACT** : P **239,074,188.73**  
**Sources of Funding** : **PPA Corporate Fund**

**TOTAL PROJECT COST** : P **270,153,833.27**

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