

**PROJECT FEATURE**

- PROJECT TITLE** : DONA HELENE PORT EXPANSION PROJECT
- LOCATION** : Port of Dona Helene, Socorro, Surigao del Norte
- SCOPE OF WORK**
- A. UPGRADING OF EXISTING BACK-UP AREA AND ROCK CAUSEWAY  
( Area = 1,421.20 sq.m.)**
1. Demolish and dispose existing building structure (124 sq.m.), existing concrete pavement (431 sq.m.) and foundation of existing rc curb up to required elevation (76.00 cu.m.)
  2. Excavate/backfill and compaction of existing fill materials (77 cu.m.), scraping/cutting of existing materials (285 cu.m.) including subgrade preparation (1,422 sq.m.)
  3. Supply and place additional fill materials (411 cu.m.) and reinforced concrete for retaining wall and perimeter fence column (98 cu.m. of concrete and 8,951 kg of reinforcing steel bars of various sizes)
  4. Construction of portland cement concrete pavement (250mm thk., 1,369 sq.m.), including aggregate base course (274 cu.m.) and gravel bedding (44.00 cu.m.)
  5. Construction of CHB wall ( 194 sq.m. ), including plastering (525 sq.m.), and various materials for cyclone wire mesh (319 sq.m.)
- B. CONSTRUCTION OF BACK-UP AREA  
( Area = 690.00 sq.m.)**
1. Chipping of existing rc curb, flush to deck level and smoothed with mortar (30 l.m.)
  2. Construction of rock bulkhead (2,437 cu.m.), fill materials (2,662 cu.m), reinforced concrete for retaining wall, mooring cleat attachment, stairlanding, rc curb and perimeter fence column (141 cu.m. of concrete and 11,271 kg of reinforcing steel bars of various sizes)
  3. Supply and install geotextile fabric (850 sq.m.) and mooring cleat (5 sets)
  4. Construction of portland cement concrete pavement (250mm thk., 668 sq.m.), including aggregate base course (134 cu.m.)
  5. Construction of CHB wall ( 26 sq.m. ), including plastering (64 sq.m.), and various materials for cyclone wire mesh (42 sq.m.)
- C. CONSTRUCTION OF RC PLATFORM AND RORO RAMP  
( Area = 369.00 sq.m.)**
1. Supply and drive 450mm x 450mm PSC piles (1,546 l.m.), including chipping and cutting of newly driven piles up to required elevation (56 pcs), supply and place 3,500 psi reinforced concrete (199 cu.m.) and steel bars (35,761 kg of various sizes) for superstructure
  2. Supply and install rubber dock fenders, V-Type, 500H x 1,500L (4 sets) and mooring bollards, 35 tons, T-head (2 sets)
- D. CONSTRUCTION OF BREASTING DOLPHIN  
( Number = 2 sets)**
1. Supply and drive of 0.45m x 0.45m psc piles (518 l.m.), including chipping/cutting (18 pcs)
  2. Construction of reinforced concrete for breasting dolphin (33 cu.m. of concrete and 1,070 kg of reinforcing bars of various sizes)
  3. Supply and install rubber dock fenders, V-Type, 500H x 1,500L (2 sets) and mooring bollards, 35 tons, T-head (2 sets)
- E. PORT LIGHTING SYSTEM**
1. Supply and installation of single angle bar floodlight steel post, 10.00m ht., hot dipped galvanized (4 sets) with 100 watt LED floodlight fixture (8 sets)

**APPROVED BUDGET FOR THE CONTRACT** : P 63,757,348.81

**Sources of Funding** : PPA Corporate Fund

**TOTAL PROJECT COST** : P 69,495,510.20

**PROJECT DURATION** : 360 C.D.