

## PROJECT FEATURE

PROJECT TITLE : UPGRADING, EXPANSION AND CONSTRUCTION OF POB (PHASE 1)

LOCATION : PORT OF LILOAN, SOUTHERN LEYTE

**A. DEMOLITION, REMOVAL AND EXCAVATION WORKS**

- 1 Remove and turn-over to PPA existing lamp post (28 set)
- 2 Remove and turn-over to PPA existing steel gratings (49 set)
- 3 Demolish and dispose existing CHB fence (127 l.m.)
- 4 Remove and turn-over to PPA existing gate (1 lot)
- 5 Demolish and dispose existing pavement (11,942 sq.m.)
- 6 Demolish and dispose existing building structure (2,756 sq.m.)
- 7 Demolish and dispose existing RC Platform for the construction of RoRo ramp (64 sq.m.)
- 8 Cut up to MLLW elevation and dispose existing 450mm x 450mm concrete piles (15 l.m.)
- 9 Excavation of existing fill for the site development of Port Operations Building, installation of tie-rods and concrete foundations (7,415 cu.m.)

**B. UPGRADING AND EXPANSION OF PORT OPERATIONAL AREA**

- 1 Supply, deliver and drive 350mm x 600mm PSC sheet piles and RC corner piles (4,940 l.m.)
- 2 Supply and placing of 3,500 psi concrete (1,636 cu.m.)
- 3 Supply and installation of steel reinforcement (101,005 kg.)
- 4 Supply and placing of 50 to 1,000 kg/pc rocks (2,241 cu.m.)
- 5 Supply and installation of Tie-rods (107 sets)
- 6 Supply and placing of geotextile fabric filter (1,216 sq.m.)
- 7 Supply and placing of fill materials (13,880 cu.m.)
- 8 Supply, place and compact gravel bedding (747 cu.m.)
- 9 Construct Portland Cement Concrete Pavement, 300mm thk. (11,501 sq.m.)
- 10 Re-install steel gratings for lateral drainage including provision of angle bars (38 l.m.)
- 11 Supply and install of Rubber Dock Fenders V500H x 1500L (15 sets) and Mooring Bollard 35-Tons, T-head (3 sets)
- 12 Supply and install reinforced concrete pipe culvert (290 l.m.)
- 13 Supply and install hot-dipped galvanized angle bar, 100mm x 100mm x 10mm for construction joints including dowel bars (109 l.m.)
- 14 Construct port lighting system including all appurtenances (1 lot)
- 15 Re-install existing solar lamp post including accessories (26 no.)
- 16 Re-install existing floodlight post including accessories (2 no.)

**C. CONTINUOUS RORO RAMP, RC PLATFORM AND RORO RAMP**

- 1 Supply, deliver and drive PSC test piles, 450mm x 450mm (3 no.)
- 2 Supply, deliver and drive 450mm x 450mm PSC piles (5,599 l.m.)
- 3 Supply and place 3,500 psi concrete for superstructures (857 cu.m.)
- 4 Supply and install reinforcing steel bars for superstructure (128,556 kg.)
- 5 Supply and install hot-dipped galvanized angle bar, 100mm x 100mm x 10mm for construction including dowel bars (212 l.m.)
- 6 Supply and install of Rubber Dock Fenders V500H x 1500L (23 sets) and Mooring Bollard, 35-Tons, T-head (5 sets)

**D. CONSTRUCTION OF PORT OPERATIONS BLDG. & OTHER STRUCTURES**

- 1 Supply, deliver and drive 450mm x 450mm PSC foundation piles (855 l.m.)
- 2 Construction of 2-storey Port Operations Building, complete with architectural finishes, electro/mechanical, water/sewerage system, painting, etc. (2,362.29 sq.m., 600 pax capacity)
- 3 Construction of pumphouse and appurtenances (110.19 sq.m.)
- 4 Construction of powerhouse and appurtenances (51.27 sq.m.)
- 5 Construction of guardhouse, gate and appurtenances (6.77 sq.m.)
- 6 Supply, delivery and installation of distribution transformer and accessories (1 lot)
- 7 Supply and installation of fire protection system (1 lot)
- 8 Supply and installation of wastewater treatment facility (1 lot)

APPROVED BUDGET FOR THE CONTRACT : Php 381,397,811.71

SOURCES OF FUNDING : PPA Corporate Fund

TOTAL PROJECT COST : Php 430,979,527.23

PROJECT DURATION : 660 Calendar Days