PROJECT FEATURE

PROJECT TITLE : **MASBATE PORT EXPANSION PROJECT**

LOCATION : **Port of Masbate, Masbate**

A. DEMOLITION, REMOVAL AND EXCAVATION WORKS

1 Remove and turn-over to PPA existing mooring cleats and accessories (10 no.)
2 Removal of existing solar lamp post and re-install to new location (1 no.)
3 Removal and transfer of NAMRIA tidal station (1 lot)
4 Removal and/or transfer of informal settlers houses (189 sq.m.)
5 Chip-off portion of existing RC curb and smoothened with mortar (72 sq.m.)
6 Excavation of existing fill/scoured materials (4,843 cu.m.)

B. PORT OPERATIONAL AREA

1 Supply and deliver to site Z-type hot rolled steel sheet pile, (Sx≥4,228 cm3/m; Steel Grade = S355) (352 m.t.)
2 Handle, pitch and drive Z-type hot rolled steel sheet pile, (Sx≥4,228 cm3/m; Steel Grade = S355) (2,464 l.m.)
3 Supply and weld steel reinforcement for sheet pile dowel bars (1,768 kg.)
4 Supply and install steel sheet pile connector (Unit wt: 10.22 kg/m, Steel Grade S355) (20 l.m.)
5 Supply and install steel channel/wale, dowel bars, steel plates, bolts and other accessories/incidentals for steel waling (6,802 kg.)
6 Supply, deliver and drive 400mm x 400mm PSC anchor piles (468 l.m.) and chipping/cutting of PSC pile up to required elevation (26 no.)
7 Supply, place and compact gravel bedding (1 cu.m.)
8 Supply and place 3,500 psi. concrete for retaining wall, anchor pile wall, fender and mooring block, anchor block, RC curb, lamp post foundation, and pedestal post (480 cu.m.)
9 Supply and install steel reinforcement for retaining wall, anchor pile wall, fender and mooring block, anchor block, RC curb, lamp post foundation and pedestal post (41,037 kg)
10 Supply and place 3,000 psi concrete fillers in jute bags for concrete blocks (1 cu.m.)
11 Supply and place 3,000 psi concrete blocks, (10 cu.m.), 1,000 kg. armour rocks (1,345 cu.m.) and 50-100 kg. core rocks, (3,415 cu.m.)
12 Supply and install tie-rod (steel 45) of various sizes, including accessories (62 set)
13 Supply and install geotextile filter fabric, (2,835 sq.m.), supply and place sand and gravel fill, (10,887 cu.m.) and supply, place and compact aggregate sub-base course (3,196 cu.m.)
14 Construct portland cement concrete pavement (300mm thk) including dowel bars and construction joints (3,691 sq.m.) and supply, spread and compact aggregate base course (738 cu.m.)
15 Excavation and backfilling works for lamp post foundation and pedestal post (4 cu.m.)
16 Construct CHB fence with cyclone wire and barbed wire including painting and other accessories (108 l.m.)
17 Supply and install hot-dipped galvanized BWT 100mm x 12mm bar for construction joint, including dowel bars (18 l.m.)
18 Supply, deliver and install rubber dock fender (V-type, 500H x 1500L) including accessories (6 set) and 35T mooring bollard, T-head, including accessories (6 set)
19 Construct port lighting system (1 lot)
20 Construct covered walkway (1 lot)

APPROVED BUDGET FOR THE CONTRACT : **Php** **161,995,015.28**

SOURCES OF FUNDING : **PPA Corporate Fund**

TOTAL PROJECT COST : **Php** **183,054,367.27**

PROJECT DURATION : **450 Calendar Days**