PROJECT FEATURE

PROJECT TITLE	:	**CONSTRUCTION OF CRUISE SHIP PORT**
LOCATION	:	**Port of Alegria, Buruanga, Aklan**

A. ROCK CAUSEWAY (Area = 1,465.73 sq.m.)

1 Chip-off existing RC curb (9 l.m.) and remove existing lamp post (1 no.)
2 Excavation of existing seabed prior to the installation of rock boulders (3,632 cu.m.)
3 Supply and deliver to site steel sheet piles (Z-type, hot-rolled, Sx≥3596 cm3/m, steel grade = 355) including pile connectors (90 m.t.)
4 Supply and deliver to site steel pipe anchor piles (A252 Grade 2, Ø 500mm x 13mm thk) (14 m.t.)
5 Handle, pitch and drive steel sheet piles (Z-type) (760 l.m.) and steel pipe anchor piles (Ø 500mm x 13mm thk) (90 .l.m.) with splicing (3 no.)
6 Supply and install steel channel/wale, dowel bars, steel plates, bolts and other accessories/incidentals for steel waling (2,772 kg.) and cutting of driven piles (43 no.)
7 Supply and place 3,500 psi. concrete filler (2 cu.m.) and for anchor pile wall, retaining wall, RC curb, duct bank and lamp post foundation (995 cu.m.)
8 Supply and install steel cage bar for steel pipe anchor piles (535 kg) and anchor wall, retaining wall, RC curb, duct bank and lamp post foundation (60,789 kg.)
9 Supply and place 3,000 psi pre-cast concrete blocks and jute concrete (1,195 cu.m.) and 10-100 kg/pc core rocks (1,125 cu.m.)
10 Supply and install tie-rod (steel 45) ø 44mm of various length, including accessories (12 set)
11 Supply and install geotextile filter fabric (3,976 sq.m.)
12 Supply, place and compact fill materials (3,103 cu.m.)
13 Supply, place and compact aggregate base course (274 cu.m.)
14 Construct portland cement concrete pavement (300mm thk) including dowel bars and construction joints (1,368 sq.m.)
15 Construct port lighting system (1 lot)

B. PORT OPERATIONAL AREA (Area = 2,218.50 sq.m.)

1 Supply and deliver to site steel pipe piles (A252 Grade 2, Ø 700mm x 13mm&12mm thk) (504 m.t.)
2 Handle, pitch and drive vertical steel pipe piles (Ø 700mm x 13mm&12mm thk) (1,008 l.m.) and batter steel pipe piles (Ø 700mm x 13mm&12mm thk) (1,376 l.m.) including supply and installation of reinforcing cylinder band at the tip of steel pipe piles (56 no.)
3 Splicing Ø 700mm steel pipe pile (56 no.)
4 Supply and deliver to site steel pipe piles (A252 Grade 2, Ø 550mm x 13mm&12mm thk) (987 m.t.)
5 Handle, pitch and drive vertical steel pipe piles (Ø 550mm x 9mm&12mm thk) (3,414 l.m.) and batter steel pipe piles (Ø 550mm x 9mm&12mm thk) (2,540 l.m.) including supply and installation of reinforcing cylinder band at the tip of steel pipe piles (164 no.)
6 Splicing Ø 550mm dia steel pipe pile (164 no.)
7 Application of polyurethane external coating and mastic filler for steel pipe piles (4,433 sq.m.)
8 Extraction of clogged materials inside the steel pipe piles (477 cu.m.)
9 Supply and install steel cage bar for steel pipe piles (178,464 kg.)
10 Supply and place 3,500 psi concrete filler for steel pipe piles (736 cu.m.)
11 Supply and install steel reinforcement for the superstructure (209,458 kg.)
12 Supply and place 3,500 psi concrete for the superstructure (1,335 cu.m.)
13 Supply and install hot-dipped galvanized 100mm x 100mm x 10mm angle bar for construction joints, including dowel bars (112 l.m.)
14 Supply, deliver to site and install Rubber Dock Fender (V500H x 1,500L) including accessories (5 sets)
15 Supply, deliver to site and install Mooring Bollard (50-Tons, T-head) including accessories (1 sets)

C. RC PLATFORM (Area = 167.59 sq.m.)

1 Supply and deliver to site steel pipe piles (A252 Grade 2, Ø 550mm x 13mm&12mm thk) (100 m.t.) including application of polyurethane external coating and mastic filler for steel pipe piles (190 sq.m.)
2 Handle, pitch and drive vertical steel pipe piles (Ø 550mm x 13mm&12mm thk) (264 l.m.) and batter steel pipe piles (Ø 550mm x 13mm&12mm thk) (340 l.m.) including supply and installation of reinforcing cylinder band at the tip of steel pipe piles (18 no.) and extraction of clogged materials (14 cu.m.)
3 Splicing Ø 550mm dia steel pipe pile (18 no.)
4 Supply and install steel cage bar for steel pipe piles (8,084 kg.)
5 Supply and place 3,500 psi concrete filler for steel pipe piles (32 cu.m.)
6 Supply and install steel reinforcement for the superstructure (13,680 kg.)
7 Supply and place 3,500 psi concrete for the superstructure (92 cu.m.)
8 Supply and install hot-dipped galvanized 100mm x 100mm x 10mm angle bar for construction joints, including dowel bars (22 l.m.)

D. RC PIER (108m x 12m) (Area = 1,296 sq.m.)

1 Supply and deliver to site steel pipe piles (A252 Grade 2, Ø 700mm x 13mm&12mm thk) (1,294 m.t.) including application of polyurethane external coating and mastic filler for steel pipe piles (4,823 sq.m.)
2 Handle, pitch and drive vertical steel pipe piles (Ø 700mm x 13mm&12mm thk) (3,024 l.m.) and batter steel pipe piles (Ø 700mm x 13mm&12mm thk) (3,096 l.m.) including supply and installation of reinforcing cylinder band at the tip of steel pipe piles (144 no.) and extraction of clogged materials (574 cu.m.)
3 Splicing Ø 700mm steel pipe pile (144 no.)
4 Supply and install reinforcing steel cage bar for steel pipe piles (203,065 kg.)
5 Supply and place 3,500 psi concrete filler for steel pipe piles (887 cu.m.)
6 Supply and install steel reinforcement for the superstructure (134,394 kg.)
7 Supply and place 3,500 psi concrete for the superstructure (911 cu.m.)
8 Supply and install hot-dipped galvanized 100mm x 100mm x 10mm angle bar for construction joints, including dowel bars (24 l.m.)
9 Supply, deliver to site and install Rubber Dock Fender (V400H x 2,000L) including accessories (18 set)
10 Supply, deliver to site and install Rubber Dock Fender (1,000H Cone Type) incl. accessories (9 set)
11 Supply, deliver to site and install Mooring Bollard (50-Tons, T-head) including accessories (9 set) and (100-Tons, T-head) including accessories (9 set)

APPROVED BUDGET FOR THE CONTRACT	:	**Php**	**747,578,209.32**
SOURCES OF FUNDING	:	**PPA Corporate Fund**	
TOTAL PROJECT COST	:	**Php**	**844,763,376.53**
PROJECT DURATION	:	**900 Calendar Days**	