PROJECT FEATURE

PROJECT TITLE	:	**LAMAO (LILOY) PORT EXPANSION PROJECT**
LOCATION	:	**Port of Lamao, Brgy. Lamao, Liloy, Zamboanga Del Norte**

A. REMOVAL, DISPOSAL AND EXCAVATION WORKS

1 Removal of existing fender (10 nos.) and mooring bollards (7 nos.) including turning over of materials with value to PPA
2 Removal and Disposal of existing RC deck (430 sq.m.) and building structures (26
3 Cutting of existing PSC Piles up to seabed elevation (64 no.)
4 Excavation of existing seabed up to required elevation prior to installation of core rocks (8,484 cu.m.)
5 Excavation of existing portion of fill up to required elevation including backfilling and disposal of unsuitable materials thereinafter (23 cu.m.)
6 Chip-off and dispose existing R.C. Curb, flush to required elevation and smoothen with mortar (86 l.m.)
7 Removal of existing lamp post and turn over to the authority (8 sets)
8 Removal and disposal existing fence and gate (96 l.m.)

B. PORT OPERATIONAL AREA WITH RORO RAMP ON FILL

1 Supply and deliver to site of 800mm dia. Tubular Steel Pipe pile and connectors (1,203 MT) including driving (4,425 l.m.) of SPP and application of polyurethane external coating and mastic filler (4,004 sq.m.)
2 Supply, fabricate and install reinforcing cylinder band for steel pipe piles (177 no.)
3 Supply and installation of steel waling and splice plate for SPP (15,487 kgs.)
4 Extraction of clogged materials inside the SPP (416 cu.m.)
5 Supply and installation of reinforcing steel cage for SPP (116,768 kgs.)
6 Supply and placing of concrete filler for SPP (916 cu.m.)
7 Supply and deliver to site 400mm x 400mm PSC anchor and vertical piles (506 l.m.) including driving (506 l.m.) and cutting of portion of newly driven PSC Pile (24 no.)
8 Supply and placing of 3,500 psi concrete for the anchor wall, anchor pile wall, retaining wall, rc curb, drainage outfall, and electrical works (575 cu.m.)
9 Supply and installation of reinforcing steel bars the anchor wall, anchor pile wall, retaining wall, rc curb, drainage outfall, and electrical works (20,062 kgs.)
10 Supply and placing of gravel bedding (25 cu.m.)
11 Supply and placing of 50 to 100 kg. core rocks (6,632 cu.m.)
12 Supply and placing of 1,000 kg. armour rocks (113 cu.m.)
13 Supply and installation of concrete blocks in various sizes including lifting handle (8 no.)
14 Supply and placing of sacked concrete (12 cu.m.)
15 Supply and installation of Tie-rod of various sizes including accessories (69 set)
16 Supply and installation of geotextile fabric (3,265 sq.m.)
17 Supply and placing of sand and gravel fill (14,740 cu.m.), aggregate subbase course (4,038 cu.m.) and aggregate base course (624 cu.m.)
18 Construction of PCC Pavement including dowel bars and construction joint (3,122 sq.m.) with 20mm thk. steel ramp protection (16 sets)
19 Construction of Portlighting system (1 lot)
20 Construction of lateral drainage (77 l.m.) and catch drain manhole (5 nos.) including laying of 600mm dia. reinforced concrete pipe (66 l.m.)
21 Construction of security fence (32 l.m.)
22 Supply, deliver and install rubber dock fenders (V-type 600H x 2000L) (8 sets) and mooring bollard (35 Tons) (2 sets).
23 Reinstallation of lamp post including accessories (7 set)

C. CARGO SHED, GATE AND GUARDHOUSE

1 Construction of Cargo Shed, complete with architectural finishes, electrical, mechanical, water/sewerage system, etc. (300 sq.m.)
2 Construction of Gate and Guardhouse (1 lot)

D. REIMBURSABLE ITEMS

1 Secure approval of Environmental Compliance Certificate (ECC)

APPROVED BUDGET FOR THE CONTRACT	:	**Php**	**436,391,966.41**
SOURCES OF FUNDING	:	**PPA Corporate Fund**	
TOTAL PROJECT COST	:	**Php**	**493,122,922.05**
PROJECT DURATION	:	**720 Calendar Days**	