PROJECT FEATURE

PROJECT TITLE	:	DINGALAN PORT EXPANSION PROJECT
LOCATION	:	Port of Dingalan, Aurora

A. REMOVAL, DISPOSAL AND EXCAVATION WORKS

1 Excavation of existing fill materials (51 cu.m.)
2 Chipping and disposal existing rc curb (48 l.m.)
3 Demolition of existing CHB fence (84 l.m.)
4 Demolition of existing sheet pile wall (104 sq.m.)
5 Excavation of existing seabed (4,946 cu.m.)
6 Cutting of existing sheet piles (68 no.)
7 Removal of existing lamp posts (5 no.)
8 Re-installation of lamp post including provision of necessary anchor bolts and other incidentals (4 no.)

B. PORT OPERATIONAL AREA

1 Supply, deliver and drive Z-type hot rolled steel sheet piles (Total wt = 333 m.t. and 2,329 l.m.) including connectors (10 l.m.)
2 Supply and install dowel bars for steel sheet piles (1,663 kg.)
3 Supply and install steel channel/wale, dowel bars, steel plates, bolts and other accessories/incidentals for steel waling (8,252 kg.)
4 Supply, deliver and drive 0.45m x 0.45m PSC Anchor piles (528 l.m.)
5 Chip/cut and dispose portion of newly driven PSC anchor piles (33 no.)
6 Supply and place of 3,500 psi concrete (425 cu.m.)
7 Supply and install reinforcing steel bars (37,041 kg.)
8 Supply and place gravel bedding (6 cu.m.)
9 Supply and place 50 to 100 kg. rocks (5,178 cu.m.) and armour rocks (93 cu.m.)
10 Supply and install 50mm Ø x 14.00m tie-rod including accessories (67 set)
11 Supply and install of geotextile fabric (2,111 sq.m.)
12 Supply and place sand and gravel fill (10,966 cu.m.)
13 Supply, spread and compact aggregate sub-base course (1,502 cu.m.)
14 Supply, spread and compact aggregate base course (801 cu.m.)
15 Supply and place sacked concrete in jute bags (17 cu.m.)
16 Supply and install concrete blocks (19 no.)
17 Construct portland cement concrete pavement (300mm thk) including dowel bars and construction joint (4,003 sq.m.)
18 Construct security fence including painting and accessories (132 l.m.)
19 Supply and install hot-dip galvanized trench grate cover for lateral drainage including built up frame, dowels and other incidentals (80 l.m.)
20 Supply deliver and install Port Lighting System including accessories (1 lot)

C. RC PIER

1 Supply and deliver to site steel pipe piles (500mm dia. x 13mm thk, A252 Grade 2) (Total wt. = 275 m.t.) including application of polyurethane external coating (919 sq.m.)
2 Handle, pitch and drive 500mm dia.steel pipe piles (vertical piles = 680 l.m.) and (batter piles = 1,080 l.m.) including splicing (50 no.) and cutting (50 no.) of steel pipe piles
3 Removal of clogged materials inside the driven steel pipe piles (32 cu.m.)
4 Supply and install reinforcing steel cage for the steel pipe piles (32,743 kg.)
5 Supply and place 3,500 psi concrete filler inside the steel pipe piles (121 cu.m.)
6 Supply and install steel reinforcements for the superstructure (33,484 kg.)
7 Supply and place 3,500 psi concrete for the superstructure (211 cu.m.)
8 Suppy and install (BWT 100mm x 12mm), hot-dipped galvanized construction joints including dowel bars (9 l.m.)
9 Supply, deliver and install rubber dock fenders, V-type, 500H x 1500L (10m set)
10 Supply, deliver and install mooring bollards, 35 Tons, T-head (10 set)

APPROVED BUDGET FOR THE CONTRACT	:	Php	204,118,684.78
SOURCES OF FUNDING	:	PPA Corporate Fund	
TOTAL PROJECT COST	:	Php	230,654,113.80
PROJECT DURATION	:	510 Calendar Days	