PROJECT FEATURE

PROJECT TITLE : **REHABILITATION AND EXPANSION OF PTB ROXAS**

LOCATION : **Port of Roxas, Oriental Mindoro**

SCOPE OF WORK

A. GENERAL EXPENSES

1.01 Mobilization, Demobilization and Cleaning, Permits and Clearances
1.02 Rental of temporary site office and residence for the Engineer and staff
1.03 Maintain temporary site office and residence for the Engineer and staff
1.04 Provide Construction Safety and Health Program

B. DEMOLITION, REMOVAL AND RESTORATION WORKS

2.01 Demolish and Dispose Portion of Existing PTB-1 and PTB-2 and Turning Over of Recovered Materials with Value to PPA Authority
2.02 Demolish and Dispose Portion of Baggage Xray Housing, Covered Walk and Guard House
2.03 Remove Existing Doors and Windows
2.04 Remove existing Gang Chairs and Accessories
2.05 Remove existing X-ray Machine and accessories
2.06 Remove, Chip Off and Dispose Existing Floor Tiles
2.07 Remove Existing Ceilings and Accessories
2.08 Remove/Dismantle Existing Plumbing Fixtures and Accessories
2.09 Remove and Dispose Existing Concrete Pavement
2.10 Scraping of Existing Gravel Materials
2.11 Restoration of Newly Demolished Concrete Pavement
2.12 Remove Existing Electrical Materials and Accessories
2.13 Remove/Dismantle of existing Roof
2.14 Construct Temporary X-ray Storage
2.15 Remove Existing Stair Handrails and Grab Rails

C. REHABILITATION AND EXPANSION OF PTB

3.01 Excavation and Backfilling Works including Disposal of Unsuitable Items
3.02 Subgrade Preparation
3.03 Deliver to Site PSC Piles
3.04 Handle, Pitch and Drive PSC Piles
3.05 Cut/Chip and Dispose Newly Driven PSC piles up to Required Elevation
3.06 Supply and Apply Soil Treatment
3.07 Supply, Place and Compact Gravel Bedding for Building Foundation and Pile Cap
3.08 Supply, Place and Compact Selected Fill for Laying of Slab on Grade
3.09 Supply and Place Lean Concrete for Pile Caps
3.10 Supply and Place Reinforcing Steel Bars for Concreting Works
3.11 Supply and Place 3,500 psi Concrete for the Building Structure (Footing , Columns , Beams , Slabs , Stairs , Wall Footing)
3.12 Supply and Place CHB Wall including Reinforcement and Cement Plaster Finish
3.13 Supply, Fabricate and Install Structural Steel Materials including Truss Accessories
3.14 Supply and Apply Anti-rust Paint for Metal Structures
3.15 Construct Reinforced Concrete Septic Tank
3.16 Construct Reinforced Concrete Catch Basin
3.17 Supply, Deliver and Install Roof including Double Sided Insulation Foam with Wire Mesh and Accessories
3.18 Supply, Fabricate and Install Polycarbonate Solid Sheet Including Accessories
3.19 Supply, Fabricate and Install 12mm thk. Phenolic Toilet Partition and Frosted Glasss Shower Partition including Accessories
3.20 Supply and Install Toilet Fixtures and Accessories
3.21 Supply and Install Water Line Pipes and Fittings including Accessories
3.22 Supply and Install Sewerage Pipes and Fittings including Accessories
3.23 Supply and Install Drainage Pipes and Fittings including Accessories
3.24 Supply, Deliver, and Install Conduit Pipe including Fittings of Various Sizes
3.25 Supply, Deliver and Install Electrical Wirings and Devices
3.26 Supply, Deliver and Install Protective Devices
3.27 Supply, Deliver and Install Lighting Fixtures
3.28 Supply, Deliver and Install Lightning Protection and Accessories
3.29 Supply, Deliver and Install Auxiliary System
3.30 Supply , Deliver and Install Air Conditioning unit

3.31	Supply and Install Fire Protection System including Testing, Commisioning, Fire Extinguishers, Water Sprinklers and other Accessories
3.32	Supply and Apply Waterproofing Coating
3.33	Supply and Install Floor, Wall, and Stair Tiles in Various Sizes
3.34	Supply and Install Ceiling Suspension System including Furring, Carrying Channel, Suspension Rod and other Accessories
3.35	Supply and Install Aluminum Clip-in Perforated Panel including Accessories
3.36	Supply and Install 12 mm thk Moisture Resistant Gypsum Board Painted on Galvanized Steel Suspension
3.37	Supply and Install 50mmx100mmx5.80m Lineweight Timber Look uPVC extruded material baffle ceiling suspended on metal track
3.38	Supply and Install 0.40 mm thk. Preformed/Pre-Painted Ribbed Type Spandrel Ceiling
3.39	Supply, fabricate and install aluminum and stainless steel materials for ladder, glass railings including tempered glass, ramp handrails, grab rails and other accessories
3.40	Supply and Install Fabricated Aluminum Framed and Frameless Glass Doors and Windows, Glass Curtain Wall and Glass Partitions including Accessories
3.41	Supply and Install Fabricated 50mmx50mm Aluminum Trellis including Accessories
3.42	Supply and Install Fabricated Doors
3.43	Supply and Install Fabricated Emergency Exit Door with Panic Bar Lock including Jambs and Accessories
3.44	Supply and Apply Paint for Masonry and Dry Wall Surfaces including Surface Preparation
3.45	Supply and Install Aluminum Composite Panel and Accessories
3.46	Supply and Install Perforated Aluminum Composite Panel as Wind Shutter with Mangyan Logo
3.47	Supply and Place 100mm CHB and Concrete Pouring for Kitchen Countertop including Reinforcement
3.48	Supply and Install Kitchen Sink and Overhang Cabinets
3.49	Supply and Place Quartz Stone including Splash Board for Kitchen Countertop
3.50	Supply and Install Photoluminescent Signs and Path Markings for Emergency Route including its Accessories
3.51	Supply and Deliver Gang Chairs
3.52	Supply and Deliver Office Furnitures
3.53	Reinstallation of Removed X-ray Machine
3.54	Supply and Install PPA Logo including Accessories
3.55	Supply and Install Indoor Plants for Landscape and Planttbox
3.56	Supply, Deliver & Installation of Distribution Transformer including Accessories and Other Incidental Expenses, RC Platform, Ductbank, Pedestal Post
3.57	Supply and Install Hybrid Solar Power System
D.	**PUBLIC COMFORT ROOM**
4.01	Demolition and Disposal of Portion of Existing Pavement
4.02	Excavation, Backfilling and Compaction
4.03	Supply and Place Gravel Bedding
4.04	Supply and Place 3500 psi Concrete for Superstructure
4.05	Supply and Place CHB including Reinforcement and Plastering
4.06	Supply and Place Reinforcing Steel Bars for Concreting Works
4.07	Interior Ceiling : Supply & Install 2" x 2" x 0.70mm thk. Perforated Aluminum-Clip-In Panel, Bone White Ceiling Board
4.08	Exterior Ceiling : Supply & Install Ficem 12mm Exterior Ceiling Board & Framing
4.09	Construction of R.C. catch basin including installation of storm drainage Pipe & downspout
4.1	Supply and Install Tile Finishes
4.11	Supply and Install Doors, Windows and Divider/Partitions
4.12	Plumbing Works: Supply & Install Plumbing Fixtures & Stainless Railing for Ramp complete w/ fittings and accessories
4.13	Supply and Install of Lightings and Electrical Fixtures
4.14	Supply and Apply Paint for Concrete and Masonry Surfaces
4.15	Septic Tank
E.	**TEMPORARY PASSENGER TERMINAL**
5.01	Clearing, Supply and Install Steel Structure Passenger Shed, Temporary Electrical Wirings, outlets and fixtures
F.	**TEMPORARY PORT OPERATIONAL BUILDING**
6.01	Clearing, Removal and Disposal of Unecesary objects
6.02	Supply and Install Ceiling board and frame
6.03	Supply and Apply paint for concrete, steel, roofing and ceiling boards

6.04	Supply and install floor and wall finishes/tiles of various types and sizes
6.05	Supply and Install Doors and Windows with hinges and locksets
6.06	Supply and install water line pipes and fittings including accessories.
6.07	Supply and Install sewerage pipes and fittings including accessories.
6.08	Supply, deliver and install wires and cables of various sizes
6.09	Supply, deliver and install conduit pipe including fittings of various sizes
6.10	Supply, deliver and install wiring devices
6.11	Supply, deliver and install lighting fixtures
G.	**CONSTRUCTION OF PUMPHOUSE**
8.01	Demolition / Disposal of Concrete Pavement for the New Underground Domestic Water Tank and Fire Tank as shown in Plan
8.02	Excavation Works for New Underground Domestic Water Tank and Fire Tank including Gravel Bedding
8.03	Supply and Place 3500 psi Concrete for Underground Domestic Water Tank and Fire Tank
8.04	Supply and Place Reinforcing Steel Bars for Concreting Works of Underground Domestic Water Tank and Fire Tank
8.05	Supply and Place 3500 psi Concrete for Column, Beam and Slab of Domestic Water Pump and Fire Pump Room
8.06	Supply and Place Reinforcing Steel Bars for Concreting Works of Domestic Water Pump and Fire Pump Room
8.07	Supply and Place 4" CHB Wall including Masonry and Plastering Works
8.08	Supply and Install 600 x 600 mm Unglazed Ceramic Tiles
8.09	Supply and Apply Paint and Waterproofing of Slab Including Surface Preparation
8.10	Supply and Install Electrical Fixtures
8.11	Supply and Install Doors and Windows

APPROVED BUDGET FOR THE CONTRACT	:	**Php**	**79,781,569.61**
SOURCES OF FUNDING	:	**PPA Corporate Fund**	
TOTAL PROJECT COST	:	**Php**	**90,153,173.66**
PROJECT DURATION	:	**360**	**Calendar Days**