Philippine Ports Authority
PORT MANAGEMENT OFFICE-NCR NORTH

PROJECT FEATURE

PROJECT TITLE : **Road Pavement and Drainage Rehabilitation Along Delpan-Isla Puting Bato (IPB) Roadway at Slip 0**

LOCATION : **North Harbor, Tondo, Manila**

SCOPE OF WORK :

Bill No. 1 - GENERAL EXPENSES

1.1 Mobilization, Demobilization/Cleaning-Up of the Project Area.

1.2 Rental of Temporary Site Office for PPA Engineers and Staff. 7.33 mos.

1.3 Maintain Tempoary Site Office. 7.33 mos.

1.4. Provide Construction Safety & Health Programs in the execution of the project. 7.33 mos.

Bill No. 2 - REHABILITATION OF 185-M ROADWAY PAVEMENT (From Delpan Gate to Marcos Road Roadway Section)

2.1 Demolition Works

2.1.1 Concrete breaking of existing 250mm thk. concrete pavement.A=2,775sq.m.

2.1.2 Concrete breaking of existing concrete curbs and gutter. Length= 370m.

2.1.3 Concrete breaking of existing 100mmthk concrete sidewalk pavement. Area= 370sq.m.

2.2 Excavation, Hauling and Disposal of excavated concrete debris. Vol.= 744.63cu.m.

2.3 Base preparation, leveling and Compaction to design grade to include the provision of levelling. Area= 2,775sq.m.

2.4 Supply and cast-in place 300mm thk of 3500 psi, 3/4" @ 14 days Ready mix concrete for road pavement including formworks and construction joint dowel as indicated in the plan.A= 2,449.85sq.m.

2.5 Supply and install pavement expansion joint as indicated in the plan.Length= 13.80m

2.6 Supply and cast in place 3500 psi, 3/4" @ 14 days Ready mix concrete for curbs and gutter including formworks as indicated in the plan. Length= 350m.

2.7 Supply and cast in place 100mm thk. 3,000 psi concrete @ 28 days for concrete sidewalk including base preparation/compaction. Area= 239.25sq.m.

2.8 Saw and cut construction/contraction joint and application of asphalt sealer. Length= 1,010m.

Bill No. 3 - DRAINAGE CONSTRUCTION (From Delpan Gate to Marcos Road Roadway Section- Northside)

3.1 Drainage excavation to the design grade depth elevation. Vol.= 559.31cu.m.

3.2 Supply and place of 36" dia. R.C. Pipes (Class IV) including Mortar collar and sand bedding as indicated in the plan. Length= 139.92m

3.3 Concrete breaking for catch basin connection of MHA1 to existing manhole as indicated in the plan. No.= 8 units

3.4 Construction of Drainage Manhole with catch basin.

3.4.1 Drainage manhole (MHA-1) with catch basin (3,500psi Concrete) as indicated in the plan. No.= 8 units

3.4.2 Drainage manhole (MHA-2) with catch basin (3,500psi Concrete) as indicated in the plan. No.= 4 units

3.4.3 Drainage manhole (MHA-3) with catch basin (3,500psi Concrete) as indicated in the plan. No.= 1 unit

3.5 Backfilling, compaction, levelling to the design grade and disposal of excess soil materials.

CERTIFIED XEROX COPY
BY: JACINTA S. MANALO
O.A.G.M.E

Bill No. 4 - DRAINAGE CONSTRUCTION (From Marcos Road to Slip-0 Access Road Roadway Section-Southside)

4.1 Concrete Cutting. Length= 428.30m.

4.2 Concrete breaking (250mm thk. pavement). Area= 432.65sq.m.

4.3 Excavation to the drainage system design grade depth. Vol.= 780.99cu.m.

4.4 Supply and place 36" dia. R.C. Pipes (Class IV) including Mortar collar and sand bedding as indicated in the plan. Length= 205.15m.

4.5 Construction of drainage manhole (MHA-2) @3,500psi concrete with catch basin as indicated in the plan No.= 6 units

4.6 Backfilling, compaction levelling to the design grade and disposal of excess soil materials.

4.7 Supply and place 250mm thk. 3,500 psi, 3/4" @ 14 days ready mix concrete for concrete pavement restoration including reinforcing steel bars as indicated in the plan. Area= 535.38sq.m.

APPROVED BUDGET FOR THE CONTRACT	:	**Php**	**14,101,087.12**
SOURCES OF FUNDING			**PPA Corporate Fund**
TOTAL PROJECT COST	:	**Php**	**15,511,196.00**
PROJECT DURATION	:		**220 Calendar Days**

CERTIFIED XEROX COPY
BY: JACINTA S. MANALO 7/10/24
O.I.C.M.E