

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. Mobilization, Demobilization and Clean-Up. 1 lot
2. Rental of Temporary Site Office for PPA Engineer's. 7.33 mos.
3. Maintain Temporary Site Office. 7.33 mos.
4. Provide Construction Safety & Health Programs. 7.33 mos.

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

1. Concrete Breaking: A=2,775 sq.m.
  - 1.1 250mm thk. Existing concrete pavement. Area=2,775 sq.m.
  - 1.2 Existing concrete curbs and gutter. Length= 370m.
  - 1.3 100mm thk existing concrete sidewalk pavement. Area= 370sq.m.
2. Excavation, Hauling and Disposal of excavated concrete debris. Vol.= 744.63cu.m.
3. Base Preparation, Levelling and Compaction. Area= 2,775sq.m.
4. 300mm thk PCC Pavement (3,500 psi concrete @ 14 days). A= 2,449.85sq.m.
5. Pavement Expansion Joint. Length= 13.80m
6. Concrete curbs and gutter. Length= 350m.
7. 100mm thk. Concrete sidewalk pavement . Area= 239.25sq.m.
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)**

1. Excavation for Drainage. Vol.= 559.31cu.m.
2. 36" dia. R.C. Pipe (Class IV). Length= 139.92m
3. Concrete breaking for catch basin connection of MHA1 to existing manhole. No.= 8 units
4. Construction of Drainage Manhole with catch basin:
  - 4.1 MHA-1, No.= 8 units
  - 4.2 MHA-2, No.= 4 units
  - 4.3 MHA-3, No.= 1 unit
5. Backfilling, Compaction and Disposal of Excess Soil Materials. 1 lot

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

1. Concrete Cutting. Length= 428.30m.
2. Concrete breaking (250mm thk. pavement). Area= 432.65sq.m.
3. Drainage System Excavation. Vol.= 780.99cu.m.
4. 36" dia. R.C. Pipes (Class IV). Length= 205.15m.
5. Construction of Drainage Manhole with catch basin. No.= 6 units
6. Backfilling, Compaction Levelling and Disposal of Excess Soil Materials. 1 lot
7. Concrete Pavement Restoration, 250mm thk. Area= 535.38sq.m.

APPROVED BUDGET FOR THE CONTRACT : Php 14,101,095.33

SOURCES OF FUNDING : PPA Corporate Fund

TOTAL PROJECT COST : Php 15,511,205.00

PROJECT DURATION : 220 Calendar Days

