

# TERMS OF REFERENCE

## PARCELLARY SURVEY AT PORT OF ABRA DE ILOG, OCCIDENTAL MINDORO

### 1. Background

It aims to upgrade the set up and operation of the water transportation sector and to bring modern developments at the Port of Abra de Ilog and other areas. Port of Abra de Ilog will be the main port serving the Province of Occidental Mindoro and will play a vital role in the transport of general and RORO cargoes and passengers to Metro Manila via the Port of Batangas.

Philippine Ports Authority intends to engage the services of Local Surveyor/Firms for the conduct of a Parcellary Survey of affected lots within the area of Port of Abra de Ilog, Occidental Mindoro.

### 2. Purpose

The purpose of the parcellary survey is to identify affected lots within the Port Zone limits indicated in the port zone delineation and identify the affected lots for the purpose of registering them in favor of the Government.

### 3. Scope of Works

#### a. Parcellary Survey

This work shall include parcellary survey at Port of Abra de Ilog, Occidental Mindoro. The Contractor/surveyor shall establish the territorial jurisdiction of the ports including all existing port facilities. The Technical description of the parcellary survey/plan shall have a tie line from the Bureau of Lands Location Monument (BLLM).

The detailed survey works shall be undertaken in accordance with the common surveying and mapping requirements and specifications stipulated in the Manual for the Land Survey in the Philippines.

#### b. Placing of Permanent Reference Points

Lot Monuments

Standard cylindrical monuments used in defining and marking corners shall be made of concrete (mixture 1:2:3) at least 15 cm in diameter by 40 cm in depth and must be set 35 cm in the ground at the corners of lots within the RROW. The top shall be centered by a galvanized iron spike or by a conical hole not exceeding 20 millimeters in diameter and not less than 10 millimeters in depth to define the corner to which measurement shall be made.

#### c. CAD Plotting and Printing

This work shall include preparation and submission of parcellary plan showing exact measurements of all existing port facilities complete with technical descriptions and duly signed by the Geodetic Engineer.

### 3. Preparation and Submission of Final Report

1. The Final Report shall be submitted in one (1) copy of 20" x 30" survey plan on tracing paper, six (6) copies of 20" x 30" blue print and CAD soft copies in one (1) USB and should contain the following:
  - a.) The Parcellary Plan complete with technical descriptions and duly signed by the Geodetic Engineer.

Prepared by:

**JOEY EMMANUEL J CUENTO**  
Construction Foreman A

Checked/Reviewed by:

**RONALD O. MATIBAG**  
Supervising Engineer A

Submitted by:

**MARGARITO P. DIMAILIG**  
Acting Division Manager A, ESD

Approved

**ELVIS R. MEDALLA**  
Port Manager A