

## TERMS OF REFERENCE

### PROPOSED HYDROGRAPHIC AND TOPOGRAPHIC SURVEY OF THE PORTS OF EL NIDO, CORON AND CULION ALL IN PALAWAN

#### 1. Purpose

The purpose of this Terms and Reference (TOR) is to primarily guide the Contractor tasked to undertake the hydrographic and topographic survey works of the above-mentioned ports within Palawan on how to execute the works and obtain the required data.

#### 2. Safety of the Contractor's Personnel and Equipment

The Contractor shall assume full responsibility of the entire contract work from the time project commences up to the final acceptance of the PPA. The Contractor shall likewise to be fully responsible for the safety, protection, security and convenience of the personnel, and other parties that may be involves, as well as the works, equipment and the like to be affected by the project.

#### 3. Scope of Work

- a. Hydrographic Survey – Countour intervals must be 20.0 meters (see plan)
- b. Topographic Survey – Countour intervals must be 5.0 meters (see plan)
- c. Preparation of Plans and CAD Drawings -

#### 4. Preparation and Submission of Final Report

The final report shall be submitted in three (3) copies, 32" x 42" hard copy duly signed by a Geodetic Engineer indicating important markers/ references (Geo-control Points) including vicinity plan. Soft copy shall be stored in a CDR.

#### 5. Attach geo-tagged pictures during the conduct of the actual survey and including the equipment used.

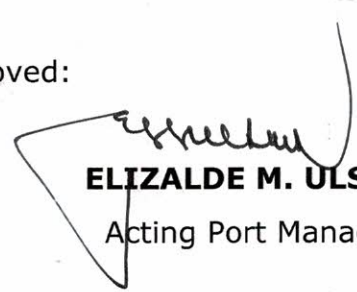
Prepared by:

  
**NELSON Y. CAABAY, JR.**  
Principal Engineer-A

Checked/Reviewed by:

  
**MARLON N. SENDAYDIEGO**  
ESD Manager

Approved:

  
**ELIZALDE M. ULSON**  
Acting Port Manager