PHILIPPINE PORTS AUTHORITY

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PMO NORTHERN LUZON

TERMS OF REFERENCE

CONSULTANCY SERVICES FOR THE CONDUCT OF JOINT VERIFICATION SURVEY FOR RECLAIMED AREAS, PORT OF CURRIMAO, PORT OF SALOMAGUE, PORT OF BALOGANON AND TMO ZAMBALES AND PORT OF SUAL

I. INTRODUCTION

The Philippine Ports Authority – PMO Northern Luzon, herein after referred to as the Employer or Authority wishes to receive bid/quotation for the preparation of Lot Survey at:

1. Port of Currimao
2. Port of Salomague
3. Port of Baloganon and TMO Zambales
4. Port of Sual

The proposed Lot Survey will involve establishment and re-establishment of boundaries of Lot Survey and Plotting, printing and signing of survey plans and technical descriptions.

The purpose of preparation of Lot Survey is to establish all corners and property lines. Also to re-establish the boundaries of a tract for which a survey has previously been made and to verify if existing location of property overlaps.

II. UNDERTAKINGS

The Consultant shall undertake Lot Survey.

The Consultant shall establish all corners and property lines of the subject property. Re-establish boundary lines and verify if existing location of property overlaps. Plot, print and sign the survey plans and technical descriptions.

PORT MANAGEMENT OFFICE — NORTHERN LUZON
PPA Port Operations Building, Maglaoi Norte, Currimao, Ilocos Norte 2903 Philippines
Tel. No.: (077) 774-3658 (OPM/Exec. Asst); (077)774-3654 (Admin); (077) 774-3169 (ESD);
(077)774-3645 (PSD); (077)774-3655 (PPD);Fax No.: (077)774-3582 (Finance)
Email: pmonlz@ppa.com.ph

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III. STAFF REQUIREMENTS

The Consultant shall specify the key personnel or experts that will be utilized in the performance of these services, their qualifications (education, training and experience) at the times that they will serve shown in the Approved Manpower Schedule. The following minimum specialization is anticipated to be required in the project:

a) Licensed Geodetic Engineer
b) Instrument Man
c) Survey Aide

IV. SCOPE OF WORK

A. The scope of work to be undertaken for the conduct of Lot Survey.

➢ Mobilization/Demobilization
➢ Lot Survey
➢ Securing survey authority, clearances, research reference data including CAD Plotting and Printing and sign and seal of a licensed Geodetic Engineer

B. Methodologies

Lot Survey

➢ Establishing horizontal and vertical control that will serve as the framework of the survey
➢ Establishing boundaries of reclaimed areas
➢ Determining enough horizontal location and elevation (usually called side shots) of ground points to provide enough data for plotting when the map is prepared
➢ Computing distances, angles, and elevations

Relocation Survey

➢ Relocate corners or re-establishment of boundary lines
➢ Re-establishment of old monument
➢ Setting of permanent positions of lot corners

V. EXPECTED OUTPUT AND DELIVERABLES

Submission of Lot Survey Plans signed by a License Geodetic Engineer to Philippine Ports Authority – PMO Northern Luzon:

A. Soft copy of CAD
B. 1 set 15.5" x 20"
C. 4 sets blue prints (standard size)
D. 1 set copy in A3 size paper

VI. TERMS OF PAYMENT

A. Payment shall be made after acceptance of deliverables per project with complete supporting documents
B. Payment shall be subject to taxes, auditing and accounting rules and regulations and existing rules and regulations of the PPA relative to payment of procurement contracts.
C. Penalty of 1/10 of 1% shall be imposed for each day of delay in the completion of the project.

VII. RESPONSIBILITIES OF THE END-USER UNIT DURING THE PROJECT IMPLEMENTATION

A. PPA shall shoulder traveling and meal expenses to be incurred by DENR and PRA during the conduct of Joint Verification Survey
B. PPA shall monitor the progress of the project until such time the project is completely finished;
C. PPA shall make sure that all the deliverables are in compliance to the required standards as stated in the TOR prior to acceptance.
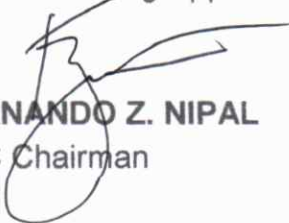
Prepared by:

REYNALDO C. BAUTISTA
Manager, Administrative Division

Recommending Approval:

FERNANDO Z. NIPAL
BAC Chairman

Approved by:

MARIETA G. ODICTA
Port Manager