



**TERMS OF REFERENCE
FOR
"PARCELLARY AND STRUCTURAL/FACILITIES SURVEY OF FOURTEEN (14)
PORTS UNDER PMO-PANAY/GUIMARAS FOR REGISTRATION AS PUBLIC LAND
UNDER THE ADMINISTRATIVE JURISDICTION OF PPA"**

I. RATIONALE

This Term of Reference (TOR) shall be guide to parties interested in the public procurement for the conduct of **"Parcellary and Structural/Facilities Survey of Fourteen (14) Ports Under PMO-Panay/Guimaras for Registration as Public Land Under the Administrative Jurisdiction of PPA."**

II. SPECIFIC NAMES AND LOCATIONS OF THE PORTS:

1. Port of Iloilo Baseport- Fort San Pedro, Iloilo Fastcraft Terminal, Iloilo River Wharf, Iloilo Commercial Port Complex;
2. Port of Concepcion, Iloilo;
3. Port of Dumangas, Iloilo;
4. Port of Estancia, Iloilo;
5. Port of Alegria, Buruanga, Aklan;
6. Port of Caticlan, Malay, Aklan;
7. Port of Dumaguit, Aklan;
8. Port of Libertad, Antique;
9. Port of Lipata, Antique;
10. Port of San Jose, Antique;
11. Port of Culasi, Roxas City;
12. Port of Buenavista, Guimaras;
13. Port of Jordan, Guimaras;
14. Port of Sibunag, Guimaras

III. SCOPE OF WORKS

The general scope of services and deliverable are as follows:

1. Receiving instructions/Acceptance/Establishment of Job
2. Research current survey information
3. Field survey including marking of boundaries, location of structures (footprints only, floor level), paths, driveways, visible services, site levels, significant vegetation, street features for site frontage, fences type and height
4. Preparation of Report and Plan of Survey showing lot boundaries, dimensions, marks placed (where appropriate), easements and relationship to appurtenant occupation/fencing.
5. Supply of documentation (hard and soft copies)
6. Application for Approval at the Land Management Services (LMS)

Specific Items of Works include:

DESCRIPTION OF WORK	UNIT	QTY
PORT OF ILOILO BASEPORT (ICPC, FSP and IRW)		
<i>General Expenses (To include mobilization/demobilization, data gathering and research activities.)</i>	lot	1
<i>Field Survey (To include Marking of Boundaries), 35 hectares</i>	lot	1
<i>Cartographic/Office Works and Documentations</i>	lot	1
PORT OF CONCEPCION, ILOILO		
<i>General Expenses (To include mobilization/demobilization, data gathering and research activities.)</i>	lot	1
<i>Field Survey (To include Marking of Boundaries), 1,050 sq.m.</i>	lot	1
<i>Cartographic/Office Works and Documentations</i>	lot	1
PORT OF DUMANGAS, ILOILO		
<i>General Expenses (To include mobilization/demobilization, data gathering and research activities.)</i>	lot	1
<i>Field Survey (To include Marking of Boundaries), 3.70 hectares</i>	lot	1
<i>Cartographic/Office Works and Documentations</i>	lot	1
PORT OF ESTANCIA, ILOILO		
<i>General Expenses (To include mobilization/demobilization, data gathering and research activities.)</i>	lot	1
<i>Field Survey (To include Marking of Boundaries), 7,550 sq.m.</i>	lot	1
<i>Cartographic/Office Works and Documentations</i>	lot	1
PORT OF ALEGRIA, BURUANGA, AKLAN		
<i>General Expenses (To include mobilization/demobilization, data gathering and research activities.)</i>	lot	1
<i>Field Survey (To include Marking of Boundaries), 3,390 sq.m.</i>	lot	1
<i>Cartographic/Office Works and Documentations</i>	lot	1
PORT OF CATICLAN, MALAY, AKLAN		
<i>General Expenses (To include mobilization/demobilization, data gathering and research activities.)</i>	lot	1
<i>Field Survey (To include Marking of Boundaries), 5,510 sq.m.</i>	lot	1
<i>Cartographic/Office Works and Documentations</i>	lot	1
PORT OF DUMAGUIT, AKLAN		
<i>General Expenses (To include mobilization/demobilization, data gathering and research activities.)</i>	lot	1
<i>Field Survey (To include Marking of Boundaries), 5,890 sq.m.</i>	lot	1
<i>Cartographic/Office Works and Documentations</i>	lot	1
PORT OF LIBERTAD, ANTIQUE		
<i>General Expenses (To include mobilization/demobilization, data gathering and research activities.)</i>	lot	1
<i>Field Survey (To include Marking of Boundaries), 1,200 sq.m.</i>	lot	1
<i>Cartographic/Office Works and Documentations</i>	lot	1

PORT OF LIPATA, ANTIQUE		
General Expenses (To include mobilization/demobilization, data gathering and research activities.)	lot	1
Field Survey (To include Marking of Boundaries), 8,331 sq.m.	lot	1
Cartographic/Office Works and Documentations	lot	1
PORT OF SAN JOSE, ANTIQUE		
General Expenses (To include mobilization/demobilization, data gathering and research activities.)	lot	1
Field Survey (To include Marking of Boundaries), 1.10 hectares	lot	1
Cartographic/Office Works and Documentations	lot	1
PORT OF CULASI, ROXAS CITY		
General Expenses (To include mobilization/demobilization, data gathering and research activities.)	lot	1
Field Survey (To include Marking of Boundaries), 2.40 hectares	lot	1
Cartographic/Office Works and Documentations	lot	1
PORT OF BUENAVISTA, GUIMARAS		
General Expenses (To include mobilization/demobilization, data gathering and research activities.)	lot	1
Field Survey (To include Marking of Boundaries), 1,100 sq.m.	lot	1
Cartographic/Office Works and Documentations	lot	1
PORT OF JORDAN, GUIMARAS		
General Expenses (To include mobilization/demobilization, data gathering and research activities.)	lot	1
Field Survey (To include Marking of Boundaries), 1,074 sq.m.	lot	1
Cartographic/Office Works and Documentations	lot	1
PORT OF SIBUNAG, GUIMARAS		
General Expenses (To include mobilization/demobilization, data gathering and research activities.)	lot	1
Field Survey (To include Marking of Boundaries), 3,900 sq.m.	lot	1
Cartographic/Office Works and Documentations	lot	1

The equipment needed for the services:

- 1-unit GPS-Dual Frequency
- 1-unit Total Station or equivalent
- 1-unit Service Vehicle

The duration of the Contract:

The contract will start within ten (10) days upon receipt of Notice to Proceed or Purchase/Job Order and service duration of **240 calendar days**.

GENERAL EXPENSES (Mobilization/Demobilization)

Mobilization/Demobilization includes the delivery of manpower and equipment to and from **each port**, rental of service vehicle and survey instruments, board and lodging of surveyors during the conduct of the above-mentioned survey works, and all incidental expenses that may be incurred relative to the conduct of the said hydrographic and topographic survey.

TRAVERSE/CONTROL SURVEY

A traverse or control survey along horizontal and vertical paths should have at least two (2) reference points and should be made starting from existing Bureau of Lands Location Monuments (BLLM), Barangay Boundary Monuments (BBM) or known parcellary lot boundaries in the port's vicinity, whichever is available and shall conform to the standards set forth in the Manual of Land Surveys in the Philippines.

Traverse and/or loop stations must start and end on recovered previously established horizontal ground controls of higher order and follow approximately the course of the boundaries of the affected properties.

Traverse stations or baselines must be properly established in at least two control points and described to be used as future reference for "As-Staked" and "As-Built" surveys.

PARCELLARY SURVEY

The objective of the Parcellary survey is to identify affected lots within the right-of-way (ROW) or within construction limits, that will be indicated in the detailed design plans to be approved by the Authority (PPA), and the aggregate affected lots for the purpose of registering them in favor of the Government.

RESEARCH/SURVEY DATA GATHERING

The winning bidder/surveyor shall conduct research and gather technical data within the specified survey limits and plot/overlay or incorporate the same in the final Survey Plan as directed by PPA Engineer.

CAD PLOTTING AND PRINTING

All survey data gathered in the field as specified in the preceding paragraphs shall be reflected on the plan in CAD format.

IV. OBLIGATIONS AND RESPONSIBILITIES OF THE SERVICE CONTRACTOR/SERVICE PROVIDER

- Undertake the services required on time.
- Comply with the provisions and other documentary requirements provided under R.A. 9184.
- Undertake survey works in accordance with Geodetic Engineering Law and in conformance with the Manual of Land Surveys in the Philippines.
- Obey port rules and regulations and local ordinances.
- Submit 4 sets of the duly signed and sealed parcellary/facilities survey plans
- Submit soft copy of plans in CAD Format and Report showing lot boundaries, dimensions, marks placed, easements and relationship to appurtenant occupant/fencing (if applicable).
- Based from recorded undisturbed BLLM or BBM, the winning surveyor shall establish at least two horizontal/vertical control stations/points within the port area that are intervisible with a minimum distance of 50 meters and mark with brass nail or rod with inscription "PPA – 1" and "PPA – 2" with corresponding geographic and grid coordinates to be reflected on the plan including its elevation reckoned from mean lower low water (M.L.L.W.) datum.
- Submit to Land Management Services (LMS) of the Bureau of Lands the necessary documentary requirements for the processing of the application for the approval of plans.

OF THE AUTHORITY

- Evaluate and Award the Contract to the winning bidder in accordance with the provision of RA 9184.
- Identify, supervise and monitor the activities during the conduct of survey works and related services.
- Pay to the service contractor the amount due to them as specified in the contract, upon submission of the original survey plan and report, duly sealed and signed, and presentation of Statement of Account supported with Acceptance Certificate, subject to existing government accounting rules and regulations.

(Proof of application submitted to the Land Management Services or similar responsible government agency for any completed area, and acceptance of complete documents by the same agency, will serve as the basis for determining payment to the Service Contractor.)

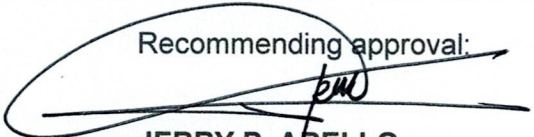
V. APPROVED BUDGET FOR THE CONTRACT (ABC):

Two Million, One Hundred Eighty-Six Thousand, Seventy-Seven Pesos and 31/100 (P2,186,077.31)

Prepared & submitted by:


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Recommending approval:


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