

**PHILIPPINE PORTS AUTHORITY
PMO NORTHERN LUZON**

**TERMS OF REFERENCE/TECHNICAL SPECIFICATIONS
OF CONSULTANCY SERVICES FOR THE ISSUANCE OF ENVIRONMENTAL
COMPLIANCE CERTIFICATE OF CURRIMAO PORT PROJECTS, ILOCOS NORTE**

1. BRIEF BACKGROUND

- 1.1 The Philippine Ports Authority (PPA) is a Government-Owned and Controlled Corporation (GOCC) mandated by Republic Act 857 to develop, manage and operate public ports. By virtue of Executive Order No. 159 Series of 1987 PPA was given the authority to coordinate, streamline, improve and optimize the planning, development, financing and operation of ports or port system for the entire country.
- 1.2 On December 4, 2012, Executive Order No. 100 Series of 2012 was issued by the President of the Philippines declaring and delineating the Currimao Port Zone and placing it in the administrative jurisdiction of the Philippine Ports Authority. The Port Zone Area covers One Million Six Hundred Fifty Seven Thousand Five Hundred (1, 657,500) square meters.
- 1.3 To achieve its vision, PPA included in its program the formulation of master plan and conduct of feasibility studies for possible development of existing ports and construction of new ports in remote inter island areas nationwide. The Port of Currimao is one among those government ports considered for upgrading to boost tourism in the area.
- 1.4 The scope of the Consultancy Services for the Issuance of Environmental Compliance Certificate for the following projects at Currimao Port, Ilocos Norte:

Particulars	Area (Sq. Meters)
• Back-up Area (48.00m x80.00m)	3,840.00 sq.m
• RC Pier (Cruise Ship) 221.00m x6.00m	1,326.00 sq.m
• Main Pier (Cruise Ship) 90.00m x15.00m	1,350.00 sq.m
• RC Pier Extension	3,348.00 sq.m
• Concrete Landing Ramp	264.00 sq.m
• Construction of POB	3,082.50 sq.m
• Construction of Guard House and Supply Installation of Gate	7.20 sq.m 13.50 l.m
• Construction of Power House	9.00 sq.m
• Construction of 3 Storey LEB	2,521.79 sq.m
• Construction of Domestic and Fire Pump House	55.48 sq.m
• Supply/Installation of Wasterwater Treatment Facility	15.20 sq.m
• Construction of 2 Storey Staff House	1,650.33 sq.m
• Construction of Breakwater	560.00 l.m
• Construction of Back-up Area	14,150.00 sq.m

- 1.5 Pursuant to Section 5 of P.D. 1586, no person, partnership or corporation shall undertake or operate any such declared environmentally critical project or area without first securing an Environmental Compliance Certificate.

- 1.6 Since the Municipality of Currimao, Ilocos Norte is one of the 123 Marine Key Biodiversity Areas (MKBAs) in the Philippines delineated jointly by the DENR-Biodiversity Management Bureau (BMB) and the Department of Agriculture-Bureau of Fisheries and Aquatic Resources (DA-BFAR) in 2009, the Environmental Management Bureau Regional Director of Region I advised the Philippine Ports Authority to conduct a detailed Environment Impact Assessment (EIA) to identify and/or characterize all critical habitat and species present on the proposed projects.
- 1.7 The EIA Study should be in accordance but not limited to the sections of the Scoping Checklist under Water Module specifically its subsections: Hydrology/Hydrogeology, Oceanography, Water Quality and Marine Ecology. The EIA Study shall include a Conservation Program for the protection and preservation of identified coastal and/or marine resources.
- 1.8 Results of the EIA studies shall be the basis of PPA's project to constitute appropriate preventive and/or mitigating measures to address predicted impacts in the marine environment.
- 1.9 The Philippine Ports Authority PMO Northern Luzon, through its Bids and Awards Committee seeks to engage the services of a reputable and accredited **Consulting Firm** to conduct the required EIA Study and secure the Environmental Compliance Certificate for the 2nd Amendment Application of ECC No. 010410-250069-0601 for the Various Philippine Ports Authority Development Projects at Currimao Port, Ilocos Norte.

2. OBJECTIVES

- 2.1. In compliance with Presidential Decree No. 1586 entitled "Establishing the Philippine Environmental Impact Statement (EIS) System", projects or undertakings that includes reclamations or dredging should be assessed of its impacts to the environment to ensure that such effects are addressed by appropriate environmental protections and measures. For this reason, all requirements in securing ECC's shall be in accordance with the Implementing Rules and Regulations of P.D. 1586 specifically (DAO 2003-30) Implementing Rules and Regulations (IRR) for the Philippine Environmental Impact Statement (EIS) System and (DAO 2018-04): Guidelines on the Issuance of Area Clearance for Reclamation Projects and Proclamation/Special Patents over Reclaimed lands and all related and applicable issuances.
- 2.2. The purpose of this document is to establish the Terms of Reference (TOR) for the preparation of documents and requirements as required by DENR-EMB and other agencies or organizations to conduct the required Environmental Impact Assessment Study and secure the Environmental Compliance Certificate 2nd Amendment of ECC No. 010410-250069-0601 for the Various Philippine Ports Authority Development Projects at Currimao Port, Ilocos Norte.
- 2.3. This Terms of Reference (TOR) shall serve as guide and basis for interested, eligible and qualified bidders for the procurement of Consultancy Services for the Preparation of Environmental Impact Assessment Study and Acquisition of 2nd Amendment of ECC No. 010410-250069-0601 for the Various Philippine Ports Authority Development Projects at Currimao Port, Ilocos Norte.

3. SCOPE OF WORK

3.1. Scoping Activities

3.1.1 Establish the boundaries of the Environmental Impact Assessment EIA, set the basis of the analyses that will be conducted at each stage, describe the project alternatives and consult the affected public.

3.2. Environmental Baseline Characterization (Eco-Profiling)

3.2.1. Gathering of Baseline Environmental Condition, Collection of Primary/ Secondary, Collation of field, primary and secondary data. Shall include but not limited to the following activities:

- GS Mapping
- Drone Photo Video Processing
- Coral, Algae, Benthic
- Fish Assessment
- Sedimentary Sampling Analysis
- EIS
- Water Quality
- Socio Economics
- Environmental Management
- Restoration/Rehabilitation Plan

3.3. Formulation of EPRMP/ Equivalent Report

3.4. Preparation and Packaging of EIA Report

3.4.1. Environmental Performance Report and Management Plan (EPRMP)

The EPRMP shall contain the following:

- a. Project Description;
- b. Baseline conditions for critical environmental parameters;
- c. Documentation of the environmental performance based on the current/past environmental management measures implemented;
- d. Detailed comparative description of the proposed project expansion and/or process modification with corresponding material and energy balances in the case of process industries; and,
- e. EMP based on an environmental management system framework and standard set by EMB.

Project Description (PD)

The PD shall be guided by the definition of terms and shall contain the following:

- a. Description of the project;
- b. Location and area covered;
- c. Capitalization and manpower requirement;

- d. For process industries, a listing of raw materials to be used, description of the process or manufacturing technology, type and volume of products and discharges;
 - e. For Category C projects, a detailed description on how environmental efficiency and overall performance improvement will be attained, or how an existing environmental problem will be effectively solved or mitigated by the project;
 - f. A detailed location map of the impacted site showing relevant features (e.g. slope, topography, human settlements); and,
 - g. Timelines for construction and commissioning
- 5.2.7. EMS-based EMP. The EMS-based EMP is an option that proponents may undertake in lieu of the EPRMP for single projects applying for ECC under Category A-3 and B-3.

3.5 **Preparation/application of ECC**

3.5.1. The Consultancy Firm is tasked by Philippine Ports Authority, the project proponent, in preparing, facilitating & securing of requirements from other government/private agencies for the issuance of the ECC.

3.5.2. List of Requirements under PD 1586

A. New ECC Application Requirements (Online):

1. Project Description
2. Environmental Impact and Management Plan (to be filled-out form)
3. Abandonment / Decommissioning / Rehabilitation Information (to be filled-out form)
4. Geotagged photographs of project site (taken for last 30 days)
5. Topographic Map of impact/affected areas (at least 1km from the project boundaries)
6. Certificate of Viability or Zoning Certification/Clearance issued LGU on the compatibility of proposed project with existing land use plan
7. Site Development and/or Vicinity map signed by registered professionals
8. Project/Plan Layout signed by registered professionals
9. Schematic diagram of wastewater treatment facility
10. Schematic diagram of Air Pollution Control Facility
11. Organizational Chart in charge on environmental concerns
12. Proof of authority over the project site (*e.g. land title, lease contract, deed of absolute sale, whichever is applicable*)
13. Duly notarized accountability statement of proponent (to be filled-out form)
14. Duly accomplished project environmental monitoring and audit prioritization scheme (PEMAPS) questionnaire (to be filled-out form)
15. IEE Checklist Sworn Statement (to be filled-out form)
16. Copy of Land Bank Transaction Slip (Processing Fee: ₱ 5,070.00)
17. Affidavit of No Complaint
18. Project Components & Operation Information (to be filled-out form) (to be filled-out form)

B. ECC Amendment Application Requirements (Manual):

For **MAJOR** amendment:

1. EIA Report (EIS, EPRMP or PDR) with duly notarized Accountability Statements of Proponent and/or Preparers
2. For Expansion of Area/Change in Project type:
3. Proof of Compatibility with the Existing Land Use Plan (i.e. Locational Clearance, Zoning Clearance, Zoning Viability);
4. Proof of Authority over the Project Site (i.e. Title-OCT, TCT, TD, Lease Agreement); and/or
5. Additional special study/assessment i.e. PDR, integrated EMP, etc. _____
6. For additional components/increase in capacity:
7. Photographs or plates/vicinity map of the project site showing impact areas and communities (i.e. Site Development Plan/Vicinity Map, Project Layout, etc. duly signed by registered professionals); and/or
8. Additional special study/assessment i.e. PDR, integrated EMP, etc. _____
9. Certificate of No Objection/Resolution from LGU (*for livestock projects*)

For MINOR amendment:

1. Proof of Authority over the Project Site (i.e. Title-OCT, TCT, TD, Lease Agreement);
2. Additional special study/assessment i.e. PDR, integrated EMP, etc. _____

Copy of ECC or latest amendment

3. Processing Fee
 - a. Major Amendment – ₱2,000.00
 - b. Minor Amendment – ₱1,000.00
 - c. Documentary Stamp – ₱30.00

C. Certificate of Non-Coverage (CNC) Application Requirements for Category C

1. Fill-out CNC Application Form
2. Description of how the project enhances the environment or address environmental issues
3. Project Components List
4. Description of Project Phases/Activities (i.e. Pre-construction, Construction, Operation & Abandonment)
5. Project Emissions/Effluent/Hazardous Waste/Solid Waste/Other Wastes
6. Project Cost and Duration
7. 1 page: Collage of geotagged photos or plates or proposed project site

D. Land Use Conversion (LUC)/Environmentally Critical Area (ECA) Certification Application Requirements:

1. Letter of Request addressed to EMB Regional Director
2. Proof of authority over the project site (*e.g. land title, lease contract, deed of absolute sale, whichever is applicable*)
3. Brief description of the proposed project onsite
4. DENR/PENRO/CENRO certification that the parcel/s of land is/are within alienable & disposable land of public domain, outside protected areas under NIPAS and not within easement as described under the Water Code of the Philippines (*for parcel/s of land not covered by any land title/s*)

5. Site Development Plan/Vicinity Map and/or Project Layout of the proposed project site showing impact areas and communities *duly signed by registered professionals*

Environmental Impact Assessment (EIA) Report Types

- Environmental Impact Statement (EIS) – Annex 2-12 of RPM for DAO 2003-30
- Environmental Performance Report and Management Plan (EPRMP) – Annex 2-14 RPM DAO 2003-30
- Initial Environmental Examination (IEE) Checklist – ECC Online Processing
- Project Description Report (PDR) – Annex 2-16 of RPM for DAO 2003-30
- Programmatic EIS & Programmatic EPRMP (Annexes 2-11 & 2-13 of RPM for DAO 2003-30).
- The Consultancy Firm shall assist or may be tasked by Philippine Ports Authority, the project proponent, in preparing, facilitating securing requirements from other government/private agencies for the ECC application.

4. OBLIGATION OF THE PROPONENT

- 4.1.1. Provide the Consulting Firm with the necessary information, data, plans and documents in its possession related to the preparation and completion of the requirements of the Environmental Impact Assessment Study and ECC application
- 4.1.2. Pay the Consultant based from the terms and conditions of the contract and Terms of Reference.
- 4.1.3. Provide a representative during the project activities whenever necessary.

5. QUALIFICATION OF THE CONSULTING FIRM

- 5.1. Duly Licensed by the Securities and Exchange Commission (SEC) or Department of Trade and Industry (DTI) or A Consulting Firm with an Accredited Preparer by Department of Environment and Natural Resources-Environmental Management Bureau (DENR-EMB) as EIS Preparer.
- 5.2. With valid and updated Mayor's/Business Permit
- 5.3. Philgeps Registration Number/ Philgeps Certificate
- 5.4. Latest Income Tax Return
- 5.5. Notarized Omnibus Sworn Statement

6. DURATION OF THE CONSULTANCY SERVICES

- 6.1. The period or the term of service for the acquisition of the ECC shall be sixty (60) calendar days starting on the day the Consultant/Preparer received the Notice to Commence Work from the Procuring Entity.
- 6.2. Suspension of the project may be granted provided that the Preparer/Consultant/Consulting Firm requests from the Philippine Ports Authority in writing the reason/grounds for the project suspension. The PPA reserves the right to accept or deny such request.

7. DECISION DOCUMENT

- 7.1. Environmental Compliance Certificate issued by Department of Environment and Natural Resources Regional Office I.

- 7.2. The conduct of EIA Study should be in accordance but not limited to the sections of the Scoping Checklist under Water Module specifically its subsections: Hydrology/Hydrogeology, Oceanography, Water Quality and Marine Ecology.
- 7.3. The EIA Study shall include a Conservation Program for the protection and preservation of identified coastal and/or marine resources.

Prepared by:




SILVERIO L. MANGAOANG III
Environmental Specialist A



RYAN B. MERCADO
Supervising Engineer A

Recommending Approval:



FERNANDO Z. NIPAL
Acting PSD Manager



CRISANTO A. ALBA
ESD Manager

Approved By:



MARIETA G. ODICTA
Port Manager