

**PROCUREMENT SERVICE UNIT
MINISTRY OF MARINE AFFAIRS AND FISHERIES**

REQUEST FOR EXPRESSION OF INTEREST

Loan No. 9498-ID

Reference No. ID-MMAF-533137-CS-INDV

**INDIVIDUAL CONSULTANT FOR
SPATIAL DATA COLLECTION AND
PROCESSING (GIS) FOR MARINE SPATIAL
PLANNING OCEAN FOR PROSPERITY PROJECT
(LAUTRA)**

**Procurement Unit
Selection Committee Of Individual Consulting
Services In The Spatial Planning Sector**

**MINISTRY OF MARINE AFFAIRS AND FISHERIES
2026**

REQUEST FOR EXPRESSION OF INTEREST
INDIVIDUAL CONSULTANT
SPATIAL DATA COLLECTION AND PROCESSING (GIS) FOR
MARINE SPATIAL PLANNING OCEAN FOR PROSPERITY
PROJECT (LAUTRA)

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The Ministry of Marine Affairs and Fisheries has received financing from the World Bank toward the cost of the Infrastructure for Coral Reef Areas - Oceans for Prosperity Project (INSAN TERANG – LAUTRA, henceforth LAUTRA). The project focuses on strengthening ocean governance, including the development of policies, planning systems, and the effective management of Marine Protected Areas (MPAs) and their surrounding waters.

To achieve these objectives, one of the key requirements is the availability of up-to-date and integrated spatial data, which serves as the foundation for marine spatial planning, coastal ecosystem monitoring, and evaluation of the management effectiveness of MPAs and their surrounding waters. Therefore, the recruitment of a GIS Specialist is considered essential to support the preparation, management, and analysis of spatial data required for these purposes. The specialist will provide technical contributions in database development, thematic mapping, and the provision of relevant spatial information to support marine spatial planning decision-making.

The activity will be executed by 1 (one) Individual Consultant for 11 months from the start date. Further details regarding the Terms of Reference (TOR) for this assignment are attached.

The Ministry of Marine Affairs and Fisheries now invites eligible individual consultant (“Consultants”) to indicate their interest in providing the Services. Interested Consultants should provide information demonstrating that they have the required qualifications and relevant experience to perform the Services (attach curriculum vitae with description of experience in similar assignments, similar conditions, etc. including a Cover Letter and reference letter). The qualification criteria are as follows:

1. Bachelor’s Degree (S1) in Geography, Geomatics, Environmental Engineering;
2. At least 5 years of field experience in GIS data processing or the One Map in Policy, preferably with experience working in government institutions or with the World Bank;
3. Proficiency in GIS software such as ArcGIS, QGIS, MapInfo, and Global Mapper;
4. Relevant certifications such as GISP (Certified GIS Professional), ESRI Technical Certification, BNSP GIS Expert Certification;
5. Strong skills in spatial analysis, zoning modeling, and integration of spatial and non-spatial data;
6. Experience in processing satellite imagery, drone data, and oceanographic data;
7. Understanding of geodatabases, WebGIS, and spatial data interoperability.

Attention of interested Consultants is drawn to Section III, paragraphs 3.14, 3.16 and 3.17 of the World Bank's Procurement Regulations for IPF Borrowers dated September 2023 ("the Regulations"), setting forth the World Bank's policy on conflict of interest.

Further information can be obtained at the address below during office hours (08.00 to 16.00 GMT+7).

Expressions of interest must be delivered in a written form along with Curriculum Vitae to the address below by e-mail no later than Wednesday, 8 April 2026 at 16.00 WIB.

Jakarta, 25 March 2026

**Selection Committee of Individual Consulting Services In The Spatial Planning
Sector**

Ministry of Marine Affairs and Fisheries

Email: pokmilwb@gmail.com

TERMS OF REFERENCE
Individual Consultant
Spatial Data Collection and Processing (GIS)
for Marine Spatial Planning
Ocean for Prosperity Project (LAUTRA)

A. Background

The Ocean for Prosperity (LAUTRA) Project is a collaborative initiative aimed at promoting sustainable marine spatial planning and improving the welfare of coastal communities. The project focuses on strengthening ocean governance, including the development of policies, planning systems, and the effective management of Marine Protected Areas (MPAs) and their surrounding waters. Through its various program components, the project seeks to ensure that the utilization of marine space is conducted in a sustainable, equitable, and data-driven manner based on accurate and reliable information.

To achieve these objectives, one of the key requirements is the availability of up-to-date and integrated spatial data, which serves as the foundation for marine spatial planning, coastal ecosystem monitoring, and evaluation of the management effectiveness of MPAs and their surrounding waters. Therefore, the recruitment of a GIS Specialist is considered essential to support the preparation, management, and analysis of spatial data required for these purposes. The specialist will provide technical contributions in database development, thematic mapping, and the provision of relevant spatial information to support marine spatial planning decision-making.

The required service provider is an Individual Consultant – GIS Specialist, possessing competencies in spatial data processing and analysis as well as the development of integrated Geographic Information Systems. This activity will be under the responsibility of the Directorate General of Marine Spatial Planning (DG MSP), Ministry of Marine Affairs and Fisheries, acting as the Project Implementing Unit (PIU) responsible for overseeing the implementation and supervising the outputs produced.

The assignment of the GIS Specialist forms part of a sub-component of the Annual Work Plan (AWP) of the LAUTRA Project, which supports the strengthening of marine spatial planning systems and the effective management of MPAs and their surrounding areas. The consultant will work under the direction and supervision of the Directorate General of Marine Spatial Planning and coordinate with the LAUTRA Project Management Office (PMO).

B. Scope of Work

The GIS Specialist will provide technical support in the processing, analysis, and visualization of spatial data related to marine spatial planning within the Ocean Monitoring System (OMS) project.

C. Detailed Tasks

The consultant will perform the following tasks:

- Collect, process, and verify spatial data from various sources.
- Conduct spatial analysis to support marine spatial planning studies.
- Prepare thematic maps (ecosystem maps, zoning maps, marine space utilization maps, etc.).
- Develop and update GIS databases integrated with the information systems used by the project.
- Provide technical support and basic training related to GIS usage to relevant project teams.
- Prepare technical reports on the results of spatial data analysis and processing.

D. Reporting

1. Monthly Report.

The Monthly Report shall include at minimum:

- a. A summary of activities carried out during the reporting month.
- b. The report must be submitted no later than the 10th day of the following month in one (1) printed copy (hardcopy) along with a softcopy in MS Word, PDF, or other formats required by the implementing unit.
- c. The final monthly report at the end of the contract period shall be compiled as the Final Report.

2. Final Report

The Final Report shall consist of technical and analytical reports containing:

- A summary of activity results, achievement of targets, recommendations, and all outputs produced.
- Supporting materials including compiled spatial datasets, digital maps, and complete technical documentation.
- The report must be submitted no later than the contract end date in three (3) printed copies (hardcopy) along with a softcopy in MS Word, PDF, or other formats required by the implementing unit.

E. Contract

The contract duration will be eleven (11) months and may be extended based on performance and budget availability. The position is a full-time position located in Jakarta, under a time-based contract arrangement. Occasional travel may be required. Travel expenses and other related costs will be covered by the LAUTRA Project.

F. Qualifications

- Minimum Bachelor's Degree (S1) in Geography, Geomatics, Environmental Engineering.

- Minimum 5 years of experience in GIS data processing or the One Map Policy, preferably with experience working in government institutions or with the World Bank.
- Proficiency in GIS software such as ArcGIS, QGIS, MapInfo, and Global Mapper.
- Relevant certifications such as GISP (Certified GIS Professional), ESRI Technical Certification, BNSP GIS Expert Certification.
- Strong skills in spatial analysis, zoning modeling, and integration of spatial and non-spatial data.
- Experience in processing satellite imagery, drone data, and oceanographic data.
- Understanding of geodatabases, WebGIS, and spatial data interoperability.

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