

MANGROVE FOR COASTAL RESILIENCE

IDF Grant No. TF-B8468

REQUEST FOR EXPRESSIONS OF INTEREST (REOI) ASSIGNMENT TITLE: CONSULTING SERVICES OF REMOTE SENSING TO IMPROVE AND UPDATE The NATIONAL MANGROVE MAP

The coastline of Indonesia is home to the world's largest mangrove area totalling more than 22 percent of total global mangrove area. These mangroves historically covered 3,39 million hectares within and outside of Indonesia's forestry estate, with a significant portion of mangroves converted to other uses (e.g. brackish water aquaculture) as well as degraded forest areas. Large-scale deforestation and degradation have led to the possibility of a complete loss of its function in 100 years, which could add to Indonesia's net GHG emissions, rather than serve as a solution to become a net GHG sink.

Indonesia's medium-term development plan 2020-2024 (RPJMN) highlights key policy targets and sets mandates for action for mangrove rehabilitation and conservation. Indonesia's mangroves not only make a significant contribution to providing food security and livelihoods and supporting biodiversity and an increase in forest and land cover, but also play a key role in supporting Indonesia's commitments to climate change mitigation through sequestering carbon.

The Government of Indonesia (GoI) has set mangrove restoration as one of its priority programs to respond to and build resilience after the Covid-19 pandemic! Under the national economic recovery program (PEN), the GoI will rehabilitate 600,000 ha of mangrove in the next four (4) years. The program will be implemented nationally, involving several provinces and large amounts of mangrove communities (approximately 5.9 million labourers will be engaged). This program is implemented by the Ministry of Environment and Forestry (MOEF) and Minister of Maritime Affairs and Fisheries (KKP), under the Coordinating Ministry for Maritime and Investment (CMMI) coordination.

The GoI ambition to restore mangroves as a critical ecosystem is reflected in several regulations including the Presidential Regulation No.120/2020 on the Peatland and Mangrove Restoration Agency (BRGM). This new regulation has expanded the mandate of the Peatland Restoration Agency (BRG) to mangroves. BRGM is positioned as a key executing agency that supports the government to achieve its mangroves restoration and rehabilitation targets. The agency will work closely with the sectoral ministries to ensure coordination in the execution of mangrove rehabilitation activities. Successful mangrove restoration requires not only rehabilitation activities but also conserving the remaining intact mangroves and assisting the surrounding communities to sustainably manage their mangroves, including providing alternative sustainable livelihoods.

The use of PMN is not only as an instrument in planning mangrove rehabilitation activities but also as input in preparing coastal spatial planning, estimating and calculating carbon stocks, determining area zoning, research and education, and much more. Changes in mangrove cover are dynamic and require updating every year. Considering the importance of updating PMN, the Directorate of RPDM as a production unit requires the support of human resources who have qualified abilities in the field of mapping and spatial analysis. To support this, the Directorate of RPDM Directorate requires the support of 10 RS-GIS operators who will assist in the PMN updating process. RS-GIS operators are required to have qualified technical specifications in the field of mapping because they will be in direct contact with the interpretation, analysis, and integration of PMN data.

The consulting services ("the Services") include (i). To gather, analyse and interpret nationwide satellite and aerial data imagery to improve and update National Mangrove for 2024 version; (ii) To refine and revise the interpreted satellite image using GIS application to generate the PMN map; (iii) To support and facilitate RPDM and in coordination with selected BPDAS in Indonesia to improve and update National Mangrove for 2024 version.



The duration of the assignment is expected to be around 6 months.

M4CR now invites eligible consulting firms ("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. Interested consultants must provide sufficient description of similar assignments (including location/country, name of the Employer/Client, type of services provided, period of contract, contract amount, starting and completion dates), and availability of appropriate skills among permanent staff, etc. The shortlisting criteria are:

- a. Consultant services having a legal entity or fulfilling company legality.
- b. Having experience in remote sensing
- c. Have a commitment to carry out work according to time.
- d. Willing to sign a confidentiality agreement at a specific stage, as necessary
- e. Willing to submit Contractor's Environment & Social Management Plan (C-ESMP) at a specific stage (RFP/RFB)

Key Experts will not be evaluated at the shortlisting stage.

The 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" November 2020 ("Procurement Regulations"), setting forth the World Bank's policy on conflict of interest.

Consultants may associate with other firms to enhance their qualifications in the form of a joint venture or a sub-consultancy. In case of an association, the EOI must explicitly specify whether the association is in the form of a Joint Venture (all members shall be jointly and severally liable for the entire assignment), or Sub-consultancy. In the case of a joint venture, the member firm appointed to represent the joint venture must be clearly identified and all the partners in the joint venture shall be jointly and severally liable for the entire contract, if selected. Only the qualifications and experience of members of joint venture, but not of sub-consultants, shall be considered in the EOI evaluation process.

A Consultant will be selected in accordance with the Consultant Qualification Selection (CQS) method set out in the Procurement Regulations.

Further information can be obtained at the address below during office hours.

08.00 – 16.30 WIB.

Please complete

- Company legality
- List of company experience
- List of personnel owned
- Cooperation Agreement Letter (if necessary)

Expressions of interest must be delivered in a written form to the address below (in person, or by mail, or by e-mail) by **15 July 2024**.

Procurement Committee BPDH

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