

MANGROVE FOR COASTAL RESILIENCE

IDF Grant No. TF-B8468

REQUEST FOR EXPRESSIONS OF INTEREST (REOI)

ASSIGNMENT TITLE:

CONSULTING SERVICES FOR GRAND DESIGN SOFTWARE ECOSYSTEM TO SUPPORT MAPPING, MONITORING, MRV AND LINKAGES WITH CARBON REGISTRIES AND THE SRN

Indonesia's medium-term development plan 2020-2024 (RPJMN) highlights key policy targets and sets mandates 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 Integrated Data Platform for National Mangrove Information and Management is a system designed to manage data and information related to mangrove ecosystems. Mangroves, as unique coastal habitats, are vital for biodiversity, climate change mitigation, and ecosystem services. However, they face numerous threats such as habitat loss, pollution, and unsustainable practices. To address these challenges, the Integrated Data Platform combines cutting-edge data collection, analysis, and management techniques. By integrating data from diverse sources, including remote sensing, field surveys, and citizen science initiatives, the platform creates a centralized repository of accurate and up-to-date information on mangrove distribution, health, and threats.

The comprehensive database outlined in these objectives serves as a potent tool for policymakers, researchers, and conservationists alike. Its primary function is to empower informed decision-making, facilitate the development of targeted conservation strategies, and monitor the efficacy of management actions. Offering a real-time insight into national-level mangrove ecosystems, this database enables stakeholders to proactively address emerging threats, ensuring the enduring sustainability of these vital coastal resources.

The Grand Design Software Ecosystem becomes a linchpin in fostering synergy among various elements, emphasizing the interconnectedness of mapping, monitoring, and linking with established registries. This approach is indispensable in the broader context of environmental conservation, climate change resilience, and sustainable development.

In essence, the Grand Design Software Ecosystem not only addresses the immediate needs of mapping and monitoring but also recognizes the larger picture, acknowledging the importance of MRV and integration with Carbon Registries and the SRN. This holistic approach ensures a more effective and coordinated response to environmental challenges, playing a pivotal role in advancing the overarching goals of sustainable development and climate action.

The consulting services ("the Services") include (i). The provision of a master plan for the Development and Implementation of a software ecosystem to support mapping, monitoring, MRV, and linkages with carbon registries and the SRN. (ii) Preparation of a Roadmap for the software ecosystem, encompassing the steps and framework for the implementation of the software ecosystem to support mapping, monitoring, MRV, and linkages with carbon registries and the SRN; (iii) Creation of a Strengthening Information System Design and Architecture to build coordination and collaboration of data from various stakeholders involved; (iv) User research comprising: information gap analysis and user needs represented in the form of "use cases" or "user stories" for the Software Ecosystem (including analysis on interoperability with existing system within KLHK and other ministries); (v) Ensure that all new developed system (Integrated Data Platform, SRN etc) works well and interoperability each other's).

The duration of the assignment is expected to be around 4 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. Willing to sign a data and information confidentiality agreement in accordance with the KLHK's information security management system policy
- b. The team must consist of an IT Product Manager with a minimum of a master's degree in IT with a minimum of 4 years' experience, analysts system team with a minimum of a Bachelor's degree in IT with a minimum of 2 years' experience, a database administrator with a minimum of 1 years' experience, a system security IT with a minimum of 1 years' experience, and a testing with a bachelor's degree in information systems/informatics engineering minimum 1 year experience.
- c. Experience working with government agencies or similar entities in developing IT solutions minimum 3 years
- d. Has no criminal or unlawful record (will sign the Integrity Pact) and is not on the World Bank blacklist.
- e. Have a Business Identification Number (NIB) with the following digits: 62019 (Aktivitas Pemrograman Komputer Lainnya), 82301 (Jasa Penyelenggara Pertemuan, Perjalanan Insentif, Konferensi dan Pameran (MICE))
- f. Have a commitment to carry out work according to time.
- g. Willing to sign a confidentiality agreement at a specific stage, as necessary.
- h. Willing to submit Contractor's Environment & Social Management Plan (CESMP) at a specific stage

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.

Expressions of interest must be delivered in a written form to the address below (in person, or by mail, or by e-mail) by **27 May 2024**.

Procurement Committee BPD LH

JB Tower Lantai 29

Jalan Kebon Sirih Nomor 48-50

RT 11/RW 2, Gambir, DKI Jakarta

Email: pokja.pemilihan@bpdh.id