

## **CALL FOR APPLICATION**

### **Consultant for GIS Specialist**

### **GEF SGP-7 Indonesia**

#### **1. Introduction**

This is the Terms of Reference (ToR) for UNDP-GEF-SGP Indonesia to find a national consultant capable of compiling a Spatial Landscape Analysis for GEF SGP-7 Indonesia. This activity is part of a full-scale project entitled Seventh Operational Phase of GEF SGP in Indonesia (PIMS 6545) implemented through Yayasan Bina Usaha Lingkungan (YBUL), under an NGO implementation modality, to be carried out in 2022. The project commenced on 15 August 2022 and within four years of implementation.

#### **2. Project Background and Information**

The GEF Small Grant Programme (SGP) was established in 1992, the year of the Rio Earth Summit. The programme provides financial and technical support to CSOs with focus on poor and vulnerable communities for conserving and restoring the environment and at the same time enhancing people's well-being and livelihoods. Indonesia has involved in this programme since 1992. During the last 30 years, the GEF SGP Indonesia Country Program has provided support to grassroots movements in conserving biodiversity, mitigating the impacts of climate change, halting land degradation and reducing pollution of international waters. Over the years, GEF SGP Indonesia has successfully supported a total of 635 projects, for a total disbursement of close to USD 12.0 million that have built its constituents' capacities and generated significant impacts in sustainable environment management, livelihoods, and poverty reduction.

The Country Program has grown in line with the dynamics of community-based natural resource governance and environmental protection efforts. Since the early stages of program implementation, GEF SGP Indonesia placed a high priority on establishing direct partnerships with community-based organizations and their supporting non-governmental organizations. In its initial stages, grants were provided for a wide variety of community, NGO, and university or research institution projects. In recent years, the Indonesia SGP Country Program has also participated in a number of strategic pilot initiatives, providing opportunities for community groups to work collaboratively on regional and landscape-wide initiatives.

The seventh Operational Phase (OP7) of the GEF Small Grants Programme (SGP) in Indonesia aims to build upon the long-standing achievements of SGP in the country, specifically involving strengthening civil society organisations and improving socioeconomic conditions for local communities through implementation of participatory conservation, restoration, and climate change mitigation interventions. SGP-7

With the aim of achieving impacts at scale and ensuring sustainability of results achieved, the programme level strategy of the Upgraded Country Programme (UCP) of the SGP is based on a landscape approach, following the UNDP approach of community-driven planning and management of socio-ecological production landscapes and seascapes. The four selected landscapes in the Wallacea biogeographical region in Indonesia (1) Sabu Raijua District, East Nusa Tenggara Province; 2) Nantu-Boliyohuto Wildlife Reserve buffer zone; Gorontalo Province; 3) Balantieng Watershed, South Sulawesi Province; and (4) Bodri Watershed, Central Java Province cover expansive and complex geographies. Globally significant biodiversity in these landscapes faces a variety of threats influenced by a variety of drivers, e.g., infrastructure development and increased global demand for food and plantation commodities. These factors, many of which have been exacerbated by the

impacts of climate change, have led to biodiversity loss, degradation of fragile ecosystems, and restricted opportunities for local communities to sustain nature-based livelihoods. Many of the local communities in the target landscapes also lack knowledge and access to clean energy solutions. The project strategy aims to generate multiple benefits for biodiversity, climate change, land degradation, and the well-being of local communities through participatory, integrated land and resource management approaches implemented across socio-ecological production landscapes.

Reaching an estimated 5,000 direct beneficiaries, 50% of whom are women, the project will facilitate community-driven interventions that generate global environmental benefits, including bringing an estimated 33,950 ha under improved management practices, restoring 2,050 ha of degraded ecosystems, and increasing adoption of renewable energy and energy efficient solutions at the community level, resulting in the mitigation of more than 314,612 tons of carbon dioxide equivalent of greenhouse gas emissions (lifetime direct). The durability of the results achieved will be ensured through implementation of integrated landscape approaches, supported by multi-stakeholder platforms that foster enabling partnerships among civil society organisations, national and local government entities, private sector enterprises, and academic-research institutions

SGP-7 will employ several strategic initiatives (SI) namely: community-based conservation of threatened ecosystems and species; sustainable agriculture and fisheries, and food security; low-carbon energy access co-benefits; local to global coalitions for chemicals and waste management; catalysing sustainable urban solutions; CSO-Government-Private Sector Policy and Planning Dialogue Platforms; Enhancing social inclusion; and Monitoring and Evaluation and Knowledge Management.

### **3. The Scope of Work:**

In close coordination with National Coordinator of SGP-7 Indonesia, the Landscape Strategy Development Team Leader, and relevant stakeholders, The National GIS Support Specialist Consultant will be responsible to support the development of the project in the collection of available geospatial data and preparation of informative landscape maps for the four target landscapes: (1) Sabu Raijua District, East Nusa Tenggara Province; 2) Nantu-Boliyohuto Wildlife Reserve buffer zone; Gorontalo Province; 3) Balantieng Watershed, South Sulawesi Province; and (4) Bodri Watershed, Central Java Province.

#### **The key responsibilities and deliverables of this consultancy are described below:**

- a. Liaise with the SGP-7 Indonesia Secretariat and Landscape Strategies Development Team on the map requirements.
- b. Source available layers of information, such as administrative districts, land use, settlements, target landscapes, protected area boundaries, key biodiversity areas, degraded land and forest areas, climate change vulnerability, calculation of Erosion Rate to Measure the Economic Value of Ecology in DAS Bodri and Balangtieng, etc. in consultation with Landscape Strategies Development Team.
- c. Generate one (1) country map showing the target landscapes (with midpoint geospatial coordinates).
- d. Generate four (4) landscape maps, one for each of the target landscapes with geospatial references for the Project Document.
- e. The maps need to conform to map criteria of the UN Cartographic Unit (<https://www.un.org/Depts/Cartographic/english/htmain.htm>)
- f. The GIS Specialist shall submit the required maps in shapefile format and as image files (for direct insertion into a MS Word document).

#### **4. Consultancy Methodology of Work**

The methodology of work will consist of site visits to the targeted landscape (together with Landscape Strategies Development Team) and desk review of relevant project documentation and other resource tools in addition to direct consultations with key local stakeholders and data providers.

The consultant will be responsible for providing her/his own workstation (i.e. laptop, internet, phone, scanner/printer, etc.) and must have access to reliable internet connection.

The work is expected to be carried out by one nationally recruited consultant with expertise in GIS.

#### **5. Qualification Required**

**Title:** YBUL-GEF-SGP Indonesia National GIS Consultant

The Consultant should possess the following minimum qualifications:

Academic Qualifications:

- A university degree in a relevant field, such as GIS, Cartography or any other related field.
- Bachelor degree with minimum 5 years' experience.

Years of experience:

- Minimum of 5 years of relevant experience in in GIS, remote sensing, land use mapping, or related field.
- Experience working with UNDP and/or on GEF projects is an advantage.

Competencies and special skills requirement:

- Excellent analytical and organizational skills.
- Ability to conduct independent research
- Excellent presentation skills.
- Strong capacity in report writing.
- Fluency in English is required

#### **6. Activity Timeline**

The assignment will be carried out in for a period of 30 days, between November 1<sup>st</sup> to January 25<sup>th</sup> 2023.

#### **7. Reporting/ Lead Persons:**

The consultant will directly report to GEF SGP Indonesia National Coordinator.

#### **8. Deliverables**

Five maps as per UN standards: one country map and four landscape-level maps showing key features and geospatial references.

#### **9. Reporting**

All deliverables should be handed out in one hard copy as well as one soft copy (word format and excel format for tables) and a PDF format for web publishing in Indonesia and English language.

During the fulfilment of the assignment, the consultant will ensure regular communication with the project team, and will ensure a timely delivery of the expected outputs and will regularly inform the project team of the progress as well as any obstacles that might occur.

#### **10. Application Procedure**

Interested consultant should submit below mentioned documents before October 29<sup>th</sup>, 2022, 23:59 WIB.

Submit an updated CV, an application letter, portfolio, financial proposal, and contact information of three work-related referees addressing the National Coordinator GEF SGP Indonesia at [meinar@sgp-indonesia.org](mailto:meinar@sgp-indonesia.org) with subject: YBUL-GEF-SGP Indonesia National GIS Consultant. *Applications must be written in English*