



TERMS OF REFERENCE NATIONAL GIS EXPERT

For the recruitment of a Consultant- National GIS Expert to support the preparation of a GCF Project in Cameroon.

1. Location : Cameroon ;

2. Background :

IUCN is a membership Union uniquely composed of both government and civil society organizations. It provides public, private and non-governmental organizations with the knowledge and tools that enable human progress, economic development and nature conservation to take place together. It harnesses the experience, resources and reach of its more than 1,400 Member organizations and the input of more than 17,000 experts. Our experts are organized into six commissions dedicated to species survival, environmental law, protected areas, social and economic policy, ecosystem management, and education and communication. This diversity and vast expertise makes IUCN the global authority on the status of the natural world and the measures needed to safeguard it.

IUCN and the Government of Cameroon are requesting funding from the Project Preparation Facility (PPF) to prepare the “*Securing Permanent Forests to Combat Climate Change and Enhance Sustainable National and Local Economies in Cameroon*” project. The project will address the main problem of permanent forest areas (PFAs) which is deforestation and forest degradation. It will also focus on addressing deforestation and degradation of Cameroon’s permanent forests, and unexpected changes in land use systems in Permanent Forest Areas (PFAs). The objective of the project is to reduce degradation and land use change in permanent forests in order to combat climate change and promote national and local economies in Cameroon. It includes the following three components: **Component 1:** Sustainable forest management and restoration; **Component 2:** Capacity building of stakeholders; **Component 3 :** Market development and supply chain transformation and **Component 4 :** Project Management, Monitoring and Partnership. The project will focus on permanent forest located in three selected eco-regional landscapes in Cameroon: South – East Moist Forest; Bakossi – Bamboutos highlands and Farh North Region (soudano-sahelian).

3. General Scope :

The implementation of the project will require IUCN to recruit a National GIS Expert to support the elaboration of feasibility studies and the full project proposal of the above project, notably to collect field data, support stakeholder consultation, facilitate contacts between a Consultancy Firm and other international experts. The National GIS Expert will work closely with other national consultants like the Carbon Stock Evaluation Expert, Socio-economic Expert, Forestry and REDD+ Expert to ensure that they gather the required data in the Project sites (South-Est Humid forest, Bakossi – Bamboutos Landscape, Far North Region) in a coordinated matter.

4. Specific Tasks

Under the supervision of the international Consultancy Firm, IUCN and the Government of Cameroon, the Consultant will:

- Collect, collate and process all spatial data sets for the project, making sure that it is done in collaboration with national GIS authorities and organisations;
- Elaborate data and metadata standards and maps on land use in different project sites to facilitate the elaboration of feasibility studies, full project document, decision-making and modelling;
- Support the setting up of a georeferenced database on forest cover in the targeted sites;
- Plan and carry out field missions for the collection and/or validation of data on relevant sectors;
- Carryout primary analysis of data based on satellite images or other data layers;

- Participate in the production of historical and benchmark data on deforestation and forest degradation in project sites;
- Support the organization of technical workshop to discuss and validate the outcome of the feasibility studies, including GIS data;
- Undertake other tasks requested by IUCN.

5. Qualification

- At least a BSc on GIS applications or its equivalent;
- At least 3 years professional GIS experience in the implementation and coordination of GIS projects that includes data management, map production and spatial analysis (e.g. Envi, ERDAS, ESRI, QGIS, etc.);
- Excellent knowledge of web-mapping platforms, especially Open Street Map);
- Good knowledge of GIS modelling tools (e.g. UML, etc.);
- Excellent knowledge of programming languages (e.g. PHP, SQL, Javascript, Python) ;
- Good communication skills and ability to work as a team with a group of consultants and international staff;
- Good attention to details and the capacity to understand global environmental strategies and IUCN's and GCF's vision on conservation;
- Good knowledge of English and French.

6. Start and end dates :

May 15, 2021 to May 14, 2022. The project is funded by GCF.

7. Application closing date and time :

Consultants must submit their applications to IUCN no later than Midnight Cameroon time on May 2, 2021 by e-mail to: Kenneth.angu@iucn.org. The subject heading of the e-mail shall be Application National Consultant GCF Cameroon. Electronic copies are to be submitted in PDF and Ms word format.

Note: Submitted documents must be password-protected so that they cannot be opened and read before the submission deadline. Please use the same password for all submitted documents. After the deadline has passed and no later than 8 am Cameroon time on May 3, 2021; Please send the relevant password to the same e-mail address as used for submitting your proposal. This will ensure a secure bid submission and opening process. Please DO NOT e-mail the password before the deadline for Proposal submission.

8. Additional Information

For more information contact:

IUCN Contact :

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