



## Terms of reference for the PPG –Lake Tanganyika: Erosion control expert

### 1. CONTEXT

The International Union for Conservation of Nature (IUCN) is a membership Union composed of State and non-State Members. Created in 1948, IUCN is now the world's largest and most diverse environmental network, harnessing the knowledge, resources and reach of more than 1,300 Member organisations and some 10,000 experts. For over a decade IUCN has been working with governments, partners, and the international community to mobilize and implement an ambitious global program aimed at restoring the functionality, productivity, and ecological integrity of deforested and degraded landscapes.

The Governments of Burundi, Democratic Republic of Congo (DRC), Tanzania, Zambia, and the Lake Tanganyika Authority have acquired funds from the GEF through UNEP for a project titled: "*Biodiversity conservation, sustainable land management and enhanced water security in Lake Tanganyika basin*". This proposed project has received a Project Preparation Grant (PPG) to prepare a Full-Sized Project (FSP) document, based on the approved project proposal concept (PIF). On this basis, the United Nations Environment Programme (UNEP) has contracted IUCN for the execution of the PPG as set out in the Project Identification Form (PIF) approved by GEF. In this regard, IUCN has to contract a Consortium of technical service providers engaged in the sustainable management of the Lake in support of the Convention for the Sustainable Management of Lake Tanganyika. The Consortium will deliver specific assessments, activities, reports and other inputs required.

The PPG phase is the preparatory phase during which data collection efforts and validation of the indicative outcomes and outputs contained in the PIF will be completed. The phase will also include the development of a full M&E plan including appropriate indicators and baselines; and the development of a participatory plan to involve communities, Government stakeholders and the LTA in consultations around implementation arrangements and co-financing. The final output of the PPG phase will be a UNEP GEF multi-focal area project document and GEF CEO Endorsement Request submitted to and approved by UNEP and GEF, with all required supporting annexes, UNEP's Social and Economic Review Note (ESERN) and background information. In accordance with GEF procedures, the full set of project documentation must be submitted to the GEF Secretariat no later than 15 November 2021.

### 2. CONSULTANCY OBJECTIVE

IUCN is seeking to hire soil erosion control expert to support the formulation of component 2 of the project (). The expert will assess erosion threats and formulate restoration measures in three protected areas (one in DRC, one in Burundi-Rusizi National Park, and one in Tanzania-Moyowosi game reserve) linked to the Lake Tanganyika basin.



### 3. DELIVERABLES

1. Produce a 10 – 15 pages report of the Background and situation analysis on soil erosion and sedimentation matters including loads and sources in three protected areas and their buffers (one in DRC, one in Burundi-Rusizi National Park, and one in Tanzania-Moyowosi game reserve) in relation to Lake Tanganyika (1st draft end April 2021 and final by mid-May 2021). This will include the erosion/sedimentation context for Lake Tanganyika and its basin, the erosion/sedimentation profile of the targeted project sites, a profile of the key stakeholders in managing erosion and sedimentation, an analysis of erosion/sedimentation threats and root causes and an analysis of the baseline scenario and other complementary projects/initiatives that are already addressing erosion and sedimentation issues in LT and its basin. It will use the descriptions in the PIF as a starting point for the updated information.
2. Support the formulation of Component 2 (Protection of core conservation zones in the three protected areas) and 3 (Sustainable natural resource use in buffer zones of protected areas). This will include:
  - (i) Assist in identifying the most appropriate sites for project support (with a rationale for their selection),
  - (ii) Assist in identifying more sustainable land use and land management practices to be supported in the project sites
  - (iii) Assist in detailing the most appropriate sediment control measures (incl. riverbank stabilization, gabion, sedimentation retention structures and tree nurseries),
  - (iv) Assist in detailing the habitat restoration and rehabilitation measures to be implemented in the project sites
  - (v) Assist in identifying the most suitable implementation arrangements for the implementation of sediment control and habitat restoration/rehabilitation measures in the project sites
  - (v) Assist in developing project indicators and targets for reducing the threats of erosion and sedimentation,
  - (iv) Assist in developing the detailed budget for the implementation of the project-supported erosion and sedimentation mitigation measures

### 4. QUALIFICATIONS

- PhD or Master's Degree in Soil and Water Management, Soil Sciences, Soil and Environmental Management, Rural Engineering, Natural Resources Management with at least five years of relevant working experience in the related domains;
- Demonstrated Remote sensing and GIS experience in erosion modelling (e.g. with InVEST Models).
- Experience in landscape restoration preferably in the African context (DRC, Burundi, and Tanzania)
- Excellent written and oral communication skills in English (French and Swahili are added advantages).

**Interested Consultants should submit CV and one page of financial proposal to Dr. Alain Ndoli at [Alain.Ndoli@iucn.org](mailto:Alain.Ndoli@iucn.org). The deadline for submission is April 12<sup>th</sup>, 2021 at 5.00 p.m**