



AFRICAN DEVELOPMENT
BANK GROUP

Republic of Liberia

**ENVIRONMENTAL PROTECTION AGENCY
Monrovia, Liberia**

(CONSULTING SERVICES)

**NAME OF PROJECT: ENHANCING CLIMATE INFORMATION SYSTEMS FOR
RESILIENT DEVELOPMENT (LIBERIA CIS)**

Assignment Title: **Consultancy for an International Consultant to Develop
Guidelines for Streamlining Meteorological and Hydrological Information
Generation in Liberia**

Financing Agreement reference:
Project ID No: SAP018
Reference No. **EPA/CIS/ICS/2025/001**
Issue Date: Monday, April 6, 2026
End Date: Monday, April 13, 2026

1. Background

The Environmental Protection Agency (EPA) in Liberia was created by an act of the Legislature on November 26, 2002, and published as a handbill on April 30, 2003, to ensure sound environmental management and sustainable use of natural resources. The EPA functions to ensure long-term economic prosperity through sustainable development and establish a legal framework for environmental management.

The EPA received funding from the Green Climate Fund to implement a five-year project called "Enhancing Climate Information Systems for Resilient Development in Liberia" (the Liberia CIS Project).

The Liberia CIS Project is a US\$11,431,969 GCF, AFDB, and GOL-funded project that aims to increase the resilience of Liberia's population and infrastructure to climate change. In particular, the project will strengthen the country's adaptive capacities to integrate better long-term climate risk reduction and adaptation measures in national planning and development through the development of a well-functioning Multi-Hazard Impact-Based Forecasting and Early Warning System (MH-IBF-EWS).

The implementation of the project will entail training and equipping the existing Liberia Meteorological Service (LMS), Liberia Hydrological Service (LHS), Environment Protection Agency (EPA) and National Disaster Management Agency (NDMA) to collect weather and climate data; introduce and maintain modelling, forecast weather events and provide early warnings systems; and scale-up evidence-based climate-informed decision-making, planning, and response actions Countrywide. The objective of the project is to strengthen Liberia's climate-related observation and monitoring capabilities, early warning and early action systems, and other environment-related information systems. The objective seeks to drive a paradigm shift towards evidence-based climate-informed decision-making, planning, and response by integrating green growth, environmental resilience, and adaptation into national development planning through effective climate information systems in Liberia.

2. Purpose of the Consultancy

The main objective of the consultants is to develop a comprehensive and practical guidelines that will standardize, harmonize, and streamline the generation, collection, processing, dissemination, and utilization of meteorological and hydrological data in Liberia. By accomplishing the objectives, the study will seeks to enhance the operational efficiency and interoperability of Liberia's key agencies responsible for weather and climate data particularly the Liberia Meteorological Service (LMS) and Liberia Hydrological Service (LHS) as well as establishing a clear institutional roles, data-sharing protocols, quality control procedures, and communication mechanisms to ensure that climate and weather information is timely, reliable, and actionable. Also, the study will support the Liberia Climate Information System (CIS) project's goal of developing a functional Multi-Hazard Impact-Based Forecasting and Early Warning System (MH-IBF-EWS).

3. The Scope of the Services to be performed

The consultant will work closely with EPA through the PIU and also have the opportunity to consult with the relevant agencies and ministries (e.g., LMS, LHS, NDMA, sector ministries etc.) to gather the relevant information needed to perform the assessment as stated below.

A. Institutional Assessment and Stakeholder Engagement

- Conduct a situational analysis of existing meteorological and hydrological information systems in Liberia.
- Engage key stakeholders (e.g., LMS, LHS, EPA, NDMA, Academia, NGOs and civil society organizations) to understand current practices, challenges, and gaps.
- Map institutional roles and mandates in climate and hydrology-related data management.

B. Review of Legal and Policy Frameworks

- Examine national laws, policies, and international commitments related to climate information, early warning, and disaster preparedness.
- Identify overlaps, inconsistencies, or gaps in current regulatory frameworks that hinder effective data generation or use.
- Recommend areas for policy harmonization or reform.

C. Development of Guidelines

- Develop comprehensive Standard Operating Procedures (SOPs) to guide the systematic generation of high-quality meteorological and hydrological data, ensuring consistency and reliability across all processes.
- Implement robust mechanisms for data quality assurance and control, including regular audits and validation techniques, to enhance the integrity and accuracy of the collected data.
- Recommend advanced technological upgrades, such as the integration of automated weather stations, cutting-edge remote sensing technologies, and Geographic Information Systems (GIS) to improve data collection and analysis.
- Propose clear and efficient protocols for data sharing among institutions, fostering collaboration and ensuring that vital information is accessible to all stakeholders.
- Integrate gender-sensitive approaches that consider the diverse needs and perspectives of all community members, ensuring equitable access to climate information and empowering marginalized groups.

D. Validation and Finalization

- Organize a stakeholder validation workshop to gather input and finalize the draft guidelines.
- Incorporate feedback to produce the final endorsed version of the guidelines.
- Submit a final report detailing the methodology, findings, and implementation recommendations.

Minimum Qualification, Skills, and Experience:

The completion of this work dependent on an Individual. The selected person should have a minimum of a Master's degree in Climate Change; Environmental Science, Meteorology, Hydrology Natural Resource; or related -relevant discipline. The successful Individual should have at least 10 years of cumulative working experience conducting meteorological and hydrological assessments in the environmental sector and a very good knowledge of the impact of climate change on the Liberian environment.

Also, the individual should have the following:

- a) Excellent knowledge in Integrating WMO standards with national policies by developing tailored data acquisition protocols, harmonized metadata standards,

and interoperable information-sharing systems that ensure real-time and historical meteorological and hydrological datasets are consistent, accessible, and decision-relevant across multiple institutions.

- b) Experience in conducting quantitative and qualitative research and analysis.
- c) Excellent communication (written and verbal) skills and fluency in English.
- d) In-depth knowledge and understanding of Liberia's environmental sectors.
- e) Proactive, able to work with minimal supervision, and with a high degree of initiative, reliability, flexibility, and self-motivation.

Professionalism: the ability to make ad-hoc changes as and when the need arises; the ability to perform under stress; and the willingness to keep flexible working hours.

Duty Station:	Monrovia
Start Date:	Monday, April 20, 2026
End Date:	Monday, June 20, 2026
Duration of Assignment:	8 Weeks

The Environmental Protection Agency (EPA) now invites eligible individual consultants to indicate interest in providing these services by submitting their Curriculum Vitae (CV), demonstrating experience in performing similar assignments with references, and showing responsiveness to the qualifications requirements outlined in this REOI. Eligibility criteria and the selection procedure shall be in accordance with the African Development Bank's "Procurement Policy Framework for Bank Group Funded Operations" October 2015, which is available on the Bank's website at <http://www.afdb.org>.

Further information can be obtained at the address below during office hours, i.e. from 0900 to 1700 hours (GMT) on working days.

Expressions of interest must be delivered in a written form to the address below by either hard copy or email by **Monday, April 13, 2026** @ 1700 hours (GMT) and mention "Provision of Consultancy Services for International Consultant to Develop Guidelines for Streamlining Meteorological and Hydrological Information Generation in Liberia (Liberia CIS Project)."

Attn. Williemai Digker
CIS Procurement Officer
Environmental Protection Agency
Monrovia, Liberia
E-mail: info.cis2025@gmail.com

