



## ENVIRONMENTAL PROTECTION AGENCY OF LIBERIA (EPA)

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1000 MONROVIA 10, LIBERIA

### Terms of Reference

PROJECT TITLE: Preparation of Liberia’s Second National Communication (SNC) to the United Nations Framework Convention on Climate Change (UNFCCC)

Job Title                      Consultancy to Conduct Technical Evaluation and TACCC Check on the Zero Draft of Liberia’s Second National Communication (SNC)

Division/Department                      Climate Change

Programme/Project Number                      GFL/5070-2724-2213

Location                      Monrovia, Liberia

Reports to                      National Project Coordinator (NPC)

#### BACKGROUND

The Environmental Protection Agency is the institution responsible for the implementation of international environment treaties to which Liberia is a Party. Within the EPA, there exists a Climate Change Enabling Unit responsible for activities related to the preparation of National Communications (NCs); Biennial Update Reports (BURs); and Greenhouse Gas (GHG) National Inventory Reports (NIR) of the Republic of Liberia in fulfilment of our national obligations to the UNFCCC. The Unit is also responsible for monitoring climate change related activities/projects and their execution on behalf of the EPA.

The preparation of Second National Communication (SNC) is based on Decision 17/CP. 8 – Guidelines for the preparation of Second National Communication from Parties not included in Annex I to the Convention. SNC falls under GEF’s support for convention-related reporting and assessment, and is implemented on an agreed full cost basis requiring only in-kind contribution by GEF-eligible countries. SNC is in conformity with objective 3 of the GEF-6 Climate Mitigation Strategy that focuses on fostering enabling conditions to mainstream mitigation concerns into sustainable development strategies.

The main components of Liberia’s Second National Communication will be the following: 1)–Description of National Circumstances; 2)–The national inventory of the greenhouse gases (GHGs) for the years 2013–2012 utilizing the 2006 IPCC guidelines and 2000 Good Practice Guidance (GPG); 3)–Integrated vulnerability and adaptation assessments of the impacts of climate change and adaptation measures for certain development and environment sectors utilizing updated/detailed country specific climate scenarios; 5)–Support to the elaboration of a comprehensive Climate Change Adaptation Strategy; 5)–Socialization of climate change mitigation and adaptation issues; 6)–Compilation of the Second National Communication of the Republic of Liberia to the Conference of Parties.

Liberia will provide updates on actions undertaken over the years to implement the Convention, including the status of its GHG emissions and removals by sinks, as well as on the actions to reduce emissions or enhance sinks.

## **OBJECTIVE**

Specifically, this project will review and update data used in the Initial National Communication using latest data from institutions and consolidate inputs. This will lead to the preparation of Liberia's Second National Communication in fulfillment of the country's obligations under the UNFCCC as required by Article 12 of the Convention and based on the COP 8 Guidelines for National Communications of Non-Annex I Parties (decision 17/CP.8).

## **SCOPE OF WORK**

The consultant will carry out these tasks:

- a. Conduct technical evaluation on the Draft Report including sections on national circumstances, the national GHG Inventory, mitigation assessment, general steps to implement the convention, constraints, gaps, and related financial and technical capacity needs, and other information (e.g. technology transfer, capacity building, information and networking);
- b. Ensure that Liberia's Second National Communication (SNC) meets the UNFCCC reporting requirements and the 2006 IPCC Guidelines;
- c. Provide information on overall methodologies used in the estimation of emissions by sources and removals by sinks, including IPCC Guidelines used, Global Warming Potential (GWP), etc. and include a section on sector and gas emission trends. The trend should cover information of emissions reported in the Initial National Communication (INC) and changes to the latest inventory year, 2014, as well the Key Category Analysis (KCA);
- d. Improve the background information of the different sections of National GHG Inventory Chapter to ensure harmony and include the overall information on institutional arrangement for preparing the GHG inventory. This GHG Chapter should be well-articulated, well-structured, and harmonized;
- e. Include for submission summary information tables of inventories for previous submission years before 2014 if available. Estimates in the INC should be included as well;
- f. For the Data Collection section, provide general information at sector level and include information on data collection as part of the introductory chapter, including table of data sources, data collection procedures for all sectors, arrangements undertaken to collect and archive data, etc.;
- g. Provide information on international bunker fuels (i.e. aviation and marine) and explain information regarding non-CO<sub>2</sub> emissions in this category;
- h. Ensure accuracy in the reporting of information, including the use of notation keys, inventory completeness and transparency. Include the Sectoral and Reference approach section, including table on difference with possible reasons. Explain any large differences between the two approaches;
- i. Provide, to the extent possible, information on F-gases using the 2006 IPCC software and expert judgement as a starting point especially for air conditioning and refrigeration. Estimate wastewater emissions in order to have a starting point;
- j. Provide information on their vulnerability to the adverse effects of climate change, and on adaptation measures being taken to meet their specific needs and concerns arising from these adverse effects. As much as possible, use local illustrations. Narrate adaptation measures for the identified vulnerability areas;

- k. Update the information in the GHG mitigation assessment section and ensure that it is in accordance with Article 12, paragraphs 1(b) and 1(c) of the Convention.
- l. Describe constraints and gaps, and related financial, technical and capacity needs, as well as proposed and/or implemented articles for overcoming the gaps and constraints, associated with the implementation of activities, measures and programmes envisaged under the Convention, and with the preparation and improvement of national communications on a continuous basis;
- m. In the light of Liberia's social and economic conditions, provide information on activities relating to the transfer of, and access to, environmentally sound technologies and know-how, the development and enhancement of endogenous capacities, technologies and know-how, and measures relating to enhancing the enabling environment for the development and transfer of technologies;
- n. In accordance with decision 2/CP.7, provide information on how capacity-building activities, as contained in the framework annex to that decision, are being implemented at national and, where appropriate, at sub-regional, and/or regional levels;
- o. Provide information on Liberia's efforts to promote information sharing among and within countries and regions. Information could cover, as appropriate, participation in and contribution to networks, and access to, and use of, information technologies for information exchange;
- p. Assess the SNC in terms of the Transparency, Accuracy, Consistency, Comparability, and Completeness (TACCC) Principle and adherence to the UNFCCC reporting guidelines;
- q. Address follow-up comments resulting from the post-submission review of Liberia's Second National Communication (SNC) in fulfilment of the reporting requirement as per Articles 4.1 and 12.1 of the UNFCCC Guidelines.

## **QUALIFICATIONS**

- An advanced degree (at least MSc. or Ph.D.) in Environmental Science and related fields.
- Familiarity with national communications, and with international negotiations and processes under the UNFCCC
- Substantial experience in government and in interdepartmental procedures
- Knowledgeable in the use of the latest IPCC guidelines, methodologies, and related software packages on mitigation actions and their effects
- Familiarity with computers and word processing

## **EXPERIENCE**

Four years post qualification experience of which two (2) years must have been in Climate Change related activities.

## **DURATION**

The duration for this assignment is three (3) months and based on the achievement of specific milestone predetermined by the NPC.

## **SUBMISSION OF APPLICATIONS**

Interested candidates should send a one-page cover letter-expression of interest (EOI) indicating suitability for the post, as well as a CV to the Environmental Protection Agency (EPA). All interested candidates are to address their letter of application and curriculum vitae to the below address on or before 27<sup>th</sup> November 2020.

Interested candidates may obtain further information at the address below during office hours from 09:00 and 17:00hours, Mondays to Fridays.

### **Attention:**

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