Terms of Reference (TOR) for International Consultant to develop mitigation measures for the revised NDC of Cambodia
May 2020

ABOUT THIS POSITION

The Royal Government of Cambodia is committed to combating climate change and accelerating the transition to climate-resilient, low-carbon sustainable modes of development, being a Party to the UNFCCC since 1995, and having ratified all relevant subsequent agreements, such as the Paris Agreement. The country also submitted its intended nationally determined contributions (later called the first Nationally Determined Contribution, NDC) in September 2015.

The Cambodia Climate Change Strategic Plan (CCCSP 2014–2023) sets the guidance for actors at all levels, from national to sub-national, on the priorities of the national climate change response. The CCCSP, along with other strategic frameworks, including Cambodia Climate Change Financing Framework and the National M&E Framework for Climate Change Response, as well as the institutional arrangements for climate change response with the establishment of the National Council for Sustainable Development holding the mandate for co-ordination of climate change response, builds a strong foundation for combating climate change in Cambodia.

With Cambodia’s first Biennial Update Report approaching completion and the Third National Communication works under way, the Department of Climate Change (DCC) of the General Secretariat of the National Council for Sustainable Development (GSSD) has led a preliminary assessment of the NDC implementation and identification of gaps, as well as the development of the corresponding NDC Roadmap and Stakeholder Engagement Plan. This ensures that the country can review its NDC targets by the COP 26 meeting and is expected to achieve its stated contributions by 2030. The process for the formulation of the NDC roadmap allowed for an initial engagement of stakeholders in key sectors in the discussion of which resources and mechanisms can be leveraged and what would still need to be put in place to ensure full delivery of the NDC targets. The NDC update process initiated with the line ministries in March 2020 helps understand better whether some of the targets will need to be adjusted and whether Cambodia can raise its level of ambition in a few areas.

According to the work plan developed for the NDC update process, the first NDC will be revisited and the NDC targets reviewed with possible new areas of action agreed between March and September 2020. The DCC, with the support of the Cambodia Climate Change Alliance Programme (CCCA-Phase 3), is engaging the support of the International Consultant to support technically the preparation of mitigation measures for Cambodia to be part of the revised NDC.
About the NDC Partnership

The NDC Partnership is a global coalition of countries and institutions collaborating to drive transformational climate action through sustainable development. Through the Partnership, members leverage their resources and expertise to provide countries with the tools they need to implement their NDCs and combat climate change to build a better future. The NDC Partnership Support Unit is jointly hosted by the World Resources Institute (WRI) and the UN Climate Change Secretariat. For this project, the consultant would be contracted directly through WRI.

OVERALL OBJECTIVE OF THE ASSIGNMENT

The main objective of the assignment is to develop long-term mitigation measures for Cambodia.

Specific objectives of this assignment include:
- To develop sectoral inputs into the revised NDC document based on the latest GHG Inventory and reduction potential modeling and scenario building conducted; and
- To propose a design for a tracking system for the GHG emission sources and removals by sinks.

SCOPE OF WORK AND ACTIVITIES

The consultant will report to the Director of the Department of Climate Change (DCC) and coordinate with the CCCA Climate Change policy specialist in charge of coordinating NDC support to the DCC, and with the CCTWG. Relevant staff in charge of mitigation from the DCC and the CCCA will provide support as required. He/she will have overall responsibility for the deliverables and will work in a team with a national consultant. Specific inputs of the national and international consultants are to be agreed and specified in a work plan to be submitted to the DCC within the first 5 days of the assignment.

In line with the objectives stated above, the international consultant working in collaboration with the DCC and the CCCA team, and in consultation with the NCSD and the Climate Change Technical Working Group (CCTWG), will be responsible for the following tasks:

Activity 1. Develop a modeling report:
   a. Choose a modelling approach (PROSPECTS+ modelling tool, etc.) suitable for Cambodia’s needs and level of data availability and collect data inputs for
the model, including: sector level emissions in a reference year from the latest GHG emissions inventory of 2016, mitigation potential and emissions growth factors (e.g. economic growth, population growth, electricity availability, levels of transport demand, land use change and forestry, waste, industry, etc.).

b. Develop techniques for estimating the factors behind emissions growth where data is not available by extrapolation of past trends, interpolation to fill data missing in a sequence, and splicing or combining data sources. Run the model to produce business-as-usual and emissions-reduction scenarios, giving consideration to running different emissions-reduction scenarios that identify the mitigation pathways for both the unconditional and conditional contributions.

c. Assess data gaps and estimations and conduct quality assurance checks of the data used in the model, and sensitivity analysis to check the accuracy of results. Check results by comparing modelling outputs to any previous work undertaken in the country and/or models from similar countries.

Activity 2. Develop impact analysis of different pathways/ measures/ targets on relevant socio-economic or sustainable development factors/ indicators.

Activity 3. Prepare sectoral chapters of updated NDC document based on the modeling results and choice of scenarios.

Activity 4. Support the development of the NDC tracking system with a proposal for a tracking system for the GHG emission sources and removals by sinks.

All activities listed above are indicative and are subject to change, depending on the circumstances.

LOCATION AND CONTRACT DURATION

Home-based with a mission to Phnom Penh, Cambodia. The assignment is expected to include 30 working days over 4 months (May–August 2020), with the possibility of one in-country mission in July. The estimated timeframe shown above (indicative only) is provided as guidance.

REQUIREMENTS

Profile of eligible candidates

- Advanced degree (Masters or Ph.D.) in a relevant field, such as Climate Change, Environmental Policy, Engineering, Development Economics, Environmental economics, Environmental technology, or any related qualification.]
• At least 5 years of professional experience in technical activities related to green growth, climate change, GHGs emission accounting and analysis, MRV system, GHGs mitigation activities, and emission trading scheme (carbon market);
• Sufficient knowledge of GHG baseline determination, GHG inventory, MRV system, carbon budget, etc.;
• Demonstrate GHGs emission simulation and modelling skills for GHGs measurement and management. Demonstrated experience in area-based or sectoral-based GHG emission;
• Proven experience in establishing and maintain working relations with government officials in the relevant sectors and associated government institutions; and
• Experience in developing countries strongly desired, experience in the Asia-Pacific region or Cambodia will be an advantage.

Competencies
• Strong analytical and quantitative skills, alongside strong synthesis and strategic thinking skills;
• Ability to interact with senior government officials and a wide range of stakeholders (including private sector) and to facilitate discovery and planning processes;
• Team leadership experience with strong communication skills; and
• Excellent written and oral communication skills.

Language
• Excellent command of English (both spoken and written); and
• Command of Khmer would be an asset.

PROPOSAL SUBMISSION

Candidates must submit:
• Their curriculum vitae (CV), in English.
• A cover letter of no more than one page, in English.

Qualified candidates are invited to send their application documents by 12 May 2020 at 17:00 (UTC+7) to deo.gabinete@ndcpartnership.org. Only short-listed candidates will be contacted.

Please use the following format for the email subject line: Application_IC_LED-Expert: Surname. All CVs must be submitted in electronic format.