

Terms of References

Preparation of Sri Lanka's Third National Communication (TNC) on Climate Change

A Socio Economic Analyst – One post

I. Project background information

Sri Lanka has ratified the United Nations Framework Convention on Climate Change (UNFCCC) in 1993 and Kyoto Protocol in 2002. Consequently, the Ministry of Mahaweli Development and Environment (MMDE) is the National Focal Point to UNFCCC. Parties to the UNFCCC should prepare and submit their National Communications on climate change to the Secretariat of UNFCCC, fulfilling the requirement of the Convention under the Article 12 in respect of National Communications. Accordingly, Sri Lanka has submitted its Initial and Second National Communications in 2000 and 2012 respectively. Presently, Climate Change Secretariat (CCS) of the MMDE) is in the process of preparing its Third National Communication (TNC) on Climate Change.

The project for preparation of the Third National Communication on climate change is a logical continual step towards further implementation of the UNFCCC at national level. Its main objective is to prepare a comprehensive report on the climate change related issues. The analysis conducted within the Second National Communication will be updated and upgraded/extended, which will result in preparation of a comprehensive national report. Furthermore, it will work towards ensuring that climate change issues are not considered as separate to national and local environmental concerns by integrating objectives into national and local strategic planning processes.

The TNC comprises of mainly 5 components as follows;

01. National Circumstances
02. GHG Inventory
03. Vulnerability and Adaptation Measures
04. Mitigation Options
05. Other relevant information (capacity building, education and public awareness, technology transfer and gap related to financial, technical and capacity needs)

In order to prepare Vulnerability and Adaptation measures, a socio economic analysis will be hired for 10 months.

II. Scope of Work

Assessment of current socio economic condition and vulnerabilities is needed under V & A measures for the preparation of TNC report. Accordingly, assessment of climate changes, vulnerability and adaptation to CC will be updated with focus on socio economic – gender mainstreaming and health, and measures to adapt to CC impacts.; capacity to collect this information on an ongoing basis for future NCs.

Further, development of socio-economic trends, linkages and risk analysis on water resources, health, and agriculture as priority sectors are very much needed for preparation of V & A. Financial and economic impacts is also considered under this assignment for understanding future climate change scenarios. Therefore, Socio economic analyst will be hired to complete this task for TNC Report.

III. Duties and Responsibilities

Particular duties for a socio economic analysis may be as follows:

- i. Identify gaps in socio economic analysis related to Second National Communication;
- ii. Analysis of socio economic conditions and factors in relation to disaster risk profiles and climate scenarios Sri Lanka;
- iii. Perform economic modeling to describe links between climate change impacts in the vulnerable sectors as identified in liaising with Vulnerability and Adaptation Measures Team;
- iv. Propose a methodology and apply it such in performing a cost benefit analysis and estimate the cost for adaptation programmes / projects;
- v. Contribute to Vulnerability and Adaptation measures team to prepare vulnerability maps using GIS technology;
- vi. Contribute and Improve vulnerability modeling and such in relation to climate change scenarios;
- vii. Prepare a socio economic analysis for comprehensive chapter on Vulnerability and Adaptation Measures.

IV. Qualifications and Skills

The socio economic analysis contracts for undertaking project activities should meet the following minimum criteria:

- i. A University degree Bachelor's in science, Environmental science or economic;
- ii. Sound and broadly-recognized scientific expertise on socio economic analysis;
- iii. Good communication skills and competence in preparation of vulnerable assessments and adaptation measures;
- iv. Prior experience in vulnerability assessment and adaptation process, through involvement in the First and Second National Communications;
- v. Highly qualified scientists working in the fields of climate observation and vulnerability analysis in the specific sectors;
- vi. Familiarity with the UNFCCC, IPCC technical guidelines and UNDP policies and guidelines;

V. General:

- i. All selected experts shall have excellent communication and reporting skills in English and satisfactory knowledge on essential computer applications.
- ii. All Experts should be able to plan, execute and monitor programs and meet the targets.
- iii. All experts shall have sufficient physical fitness to work under busy and pressurized environment.
- iv. Initially all contract will be for durations given in each consultancy and would be extended as decided by the project management.
- v. All advisors should have correspondence with the Project Management Specialist/ Technical Coordinator of the Project Management Unit located in Climate Change Secretariat, Sobadam Piyasa, No.416/1/C, Robert Gunawardhna Mawatha, Battaramulla.

VI. Payment and deliverables:

SLR 700,000 – 725,000

The overall duration of the assignment covered by this ToR is 10 months from the date of contract signature.

The socio economic analyst will work under the overall guidance and direct supervision of the TNC PMU at CCS of the Ministry of Mahaweli Development and Environment. The National Expert will submit the above deliverables according to the project work plan:

All deliverables should be handed out in soft copy (MS Excel data format). Copies of high resolution charts, maps and graphics should also be handed out to the PMU. During the fulfillment of the assignment, the expert will ensure regular communication with the PMU and expert teams and also will ensure a timely delivery of the expected outputs and will regularly inform the PMU of the progress as well as any obstacles that might occur.

VI. Expected output

Comprehensive socio economic analysis for TNC Report.