



## Call for National Consultant for Second National Communication (SNC) Report of Myanmar

Job Title	Greenhouse Gas (GHG) Compilation Specialist
Department	Environmental Conservation Department (ECD)
Number of Position	1
Duration	5 Months
Location	Home-based assignment and frequent travel to Nay Pyi Taw, Myanmar
Report to	Project Director

The Republic of the Union of Myanmar, as a member country to UNFCCC in 1994, has been implementing the project to fulfil its international commitment. In 2012, Myanmar has submitted Initial National Communication (INC) report to UNFCCC. In 2016, Myanmar has been implementing the preparation project for Second National Communication (SNC) report which comprises seven chapters describing about national circumstances, national GHG inventory, mitigation and adaptation measures to climate change including other information on (a) research and systematic observation, (b) environmentally sound technologies, and (c) education, training and public awareness.

Environmental Conservation Department (ECD), Ministry of Natural Resources and Environmental Conservation (MoNREC) is preparing the Second National Communication (SNC) Report which to be submitted to United Nations Framework Convention on Climate Change (UNFCCC). Therefore, ECD is seeking a competent national consultant for National Greenhouse Gas (GHG) Inventory Compilation of SNC project.

### Scope of Work

The consultant shall provide the Services and Deliverable(s) as follows:

- Coordinate, collect and compile data, covering IPCC sectors (Energy, Industry, Agriculture, Livestock, Forestry, and Waste), preferably published data at national level.

- Identify data gaps for each sector and explore internationally published datasets as required.
- Calculate of GHG emission/removal using Tier 1 method essentially and produce Tier 2 estimate wherever it is appropriate, and data is available.
- Ensure calculation follows to GHG principles (Transparency, Accuracy, Completeness, Consistency, Comparability-TACCC) by using revised 1996 IPCC Guidelines for National Greenhouse Gas Inventories, IPCC Greenhouse Gas Inventory Software for the Workbooks, Good Practice Guidance and Uncertainty Management in National Greenhouse Gases Inventories. Definitions and Methodological Options to Inventory Emissions from Direct Human-induced Degradation of Forests and Revegetation of Other Vegetation Types, Good Practice Guidance for Land Use, Land-Use Change and Forestry, 2006 IPCC Guidelines for National Greenhouse Gas Inventories, IPCC Inventory Software (Version 2.54), 2013 Revised Supplementary Methods and Good Practice Guidance Arising Kyoto Protocol, 2013 Supplement to the 2006 IPCC Guidelines for National Greenhouse Gas Inventories: Wetlands.
- Conduct Uncertainty Assessment and Quality Assurance and Quality Control
- Coordinate at every meetings or workshops held at national, regional and international level.
- Participate online webinar as appropriate.
- Participate GHG related training particularly for Consultative Group of Expert training.
- Consult with respective sector teams as well as respective.

### **National Consultant's Responsibilities**

The consultant must be able to

- Conduct data collection following to TACCC principles and be able to thoroughly understand IPCC guidance and GPG particularly on 2006 IPCC guidelines and 2013 Wetland GPG. Calculate using IPCC software, conduct key categories analysis.
- Collect data for each source category on the base year of 2010 covering 2005 to 2015, preferably collect up to 1990 since this is required 20 years of data in calculation.

- Use IPCC Inventory spreadsheets for respective sector or use directly IPCC Inventory Software (Version 2.54).
- Follow and complete notation format (i.e., NA: Not Available, NO: Not Occurring, NE: Not Estimated, C: Confidential, IE: Included Elsewhere etc.,) in every source category to ensure completeness of the National GHG Inventory.
- Provide uncertainty information on each source category in terms of activity data, emission factor and other parameters (including conversion factors).
- Conduct Key Category Analysis and Uncertainty Analysis.
- Carry out Quality Control procedure in all input data entry to avoid error and double counting.
- Provide all data that are used in the calculation in hard and soft copy for archiving purpose.
- Based on notation key, provide National GHG Improvement Plan for the future.
- Report writing must be ensured to the IPCC 2006 guidelines and all report has to be both English and Myanmar Language.
- Report for completed sector calculation including steps to envisage for the emissions/removal estimation results. It is important to include data sources.
- Upon comments and suggestion provided by SNC, ECD and UNEP, produce final report by addressing those comments and suggestion.

### **SNC Project's Support**

Official letters to other respective departments for the entry to data collection will be provided as per request. As NGHGI teams are formed at each IPCC sectoral level, SNC team will coordinate and share information relating to the data collection and calculation. Upon request, IPCC guidelines, Software will be made available. Meetings and workshops will also be organized based upon Contractor's demand to implement uncertainty management and Quality Control then key category analysis.

**Qualification of the consultant:** Minimum education level of master degree and working experience in the environment and climate related field minimum for five years. Experience in preparing for NC/BUR reports would be an advantage.

**Duration of assignment:** 5 months (Started date: December 2019)

**Application deadline:** 30<sup>th</sup> November 2019 by 16:00 (Myanmar Local time + 6:30)

**Interview Date:** 16<sup>th</sup> December 2019 by 9:00 (Myanmar Local time + 6:30)

**Interview Venue:** Office No (53), Environmental Conservation Department,  
Ministry of Natural Resources and Environmental  
Conservation, Nay Pyi Taw, Myanmar

**For more details; call at:** +95 67 3431325, +95 9 788259959, +95 9 43016782

**Required documents:** CV, Relevant references, Motivation letter describing why  
you are the best suited to this post and how you would  
provide the required services and deliverable including time  
sheet and budget plan to achieve this goal.

Please submit your bid to Climate Change Division of Environmental Conservation  
Department at [climatechange.ecd@gmail.com](mailto:climatechange.ecd@gmail.com), Copy to SNC Project Unit  
[sanwin.ecd@gmail.com](mailto:sanwin.ecd@gmail.com), [kyawmoeaung.kyawmoe@gmail.com](mailto:kyawmoeaung.kyawmoe@gmail.com)

**Note:** Shortlisted candidate will be contacted.