



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

Job Title	Climate Scenario Development (Climatologist)
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 to fulfil its commitment. In 2012, Myanmar has submitted its 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 must be submitted to United Nations Framework Convention on Climate Change (UNFCCC) as a member country. Therefore, ECD is seeking a competent national consultant for Climate Scenario Development of SNC project.

Scope of Work

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

1. Assessment of status of research and development of climate change research in Myanmar
 - a. Desk review on the past, present and possibly future climate change related researches across Myanmar in terms of climate scenario development using historical observation and resulting future projection on 2020, 2040, 2060, 2080, 2100.
 - b. Collect information with own institution and from other ministry particularly on Climate variables (rainfall, temperature, humidity, solar radiation, wind speed, cloud cover) and climate extreme including climate impacts such as flood, salinity intrusion, water scarcity, water contamination, and mean sea level rise.
 - c. Review current work done in Vulnerability Assessment, Adaptation Assessment, Impact assessment particularly from Myanmar Climate Change Alliance (MCCA) and other related products done by other stakeholders (i.e. Action-aid)
 - d. Collect and compile project activities which are implementing across the country
2. Identification of research gaps and capacity building needs on climate change and impacts on key sectors
3. Based upon the above climate research, identify key research gaps and capacity needs in terms of human resources, technical areas such as downscaling, climate modelling and forecasting, impact modeling (flood, drought, rainfall, extreme events, etc), risk mapping, information management including open data and information, early warning
4. Development of climate scenarios appropriate for vulnerability to climate change assessment in Myanmar
 - a. Review Global Circulation Model (GCM) and Regional Climate Models (RCMs) Climate Scenario development, produce summary report;
 - b. Attend SimCLIM training workshop, use SimCLIM Desktop (4.0) for climate scenario development by conducting necessary operations such as bias-correction;
 - c. Develop climate scenario using the best suited Global Climate Models- GCM or Regional Climate Model-RCM and describe decisive criteria to the selection of those models with the model comparisons

- d. Identify most vulnerable area, economic sectors, community by integrating government development priorities on infrastructure, hydropower, industrial zone, transportation infrastructure network development.
- e. Collaborate with Agriculture sectors and Water resource sector to provide climate data both historical and climate projection produced by SimCLIM model
- f. Produce climate risk maps using climate scenario results on climate variables such as max/min/average temperature, rainfall, mean sea level rise – MSLR.

Qualification of the consultant: Minimum education level of master degree and working experience in the environment and climate related field minimum for five years, and high capacity to handle GIS tools and tools recommended by the IPCC and/or UNFCCC. Experience in preparing for NC/BUR reports would be an advantage.

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

Application deadline: 30th November 2019 by 16:00 (Myanmar Local time + 6:30)

Interview Date: 16th 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, Copy to SNC Project Unit sanwin.ecd@gmail.com , kyawmoeaung.kyawmoe@gmail.com

Note: Shortlisted candidate will be contacted