

TERMS OF REFERENCE

Position title:	Expert to conduct the research on renewable energy in Mekong Delta provinces
Reports to:	Program Coordinator, Climate and Energy
Supervises:	N/A
Location:	Vietnam
Date:	20 th October, 2019 to 20 th December, 2019

I. Background:

Nationally Determined Contribution (NDC) of Vietnam was officially approved by the Government in 2016. The NDC outlines a national greenhouse gas (GHG) emissions reduction target of an 8% reduction in GHGs by 2030 compared to a business-as-usual scenario, and up to a 25% reduction with international support. According to the latest national GHG inventory, the energy sector comprises 55% of the majority of Vietnam's emissions, which means achieving Vietnam's NDC goals will be impossible without significant changes in this sector. In the effort to reduce GHG emission in energy, Government of Vietnam has been establishing many policies and programs to achieve this ambition, such as Green Growth Development Strategy, Sustainable Development Goals with target No. 7 on renewable energy, particularly Plan for Implementation of Paris Agreement (PIPA). Therefore, in recent three years, there is an explosion of renewable energy (RE) in Vietnam with a lot of RE farms as well as rooftop. It definitely creates the positive trend for energy transition in Vietnam with continuous investment from Gov and private sector in this sector. However, in the view from CSOs, we have not seen the research on how current and on-going RE farm are contributing GHG emission reduction, especially its effect and coherency with PA commitment. As a result, WWF decides to carry out a research on mapping RE farms and wind farms, rooftop energy at household level and potential climate change mitigation models in energy sector. Based on the research result, WWF has the better understanding on current status as well as explore the barrier in RE development to speed up the scale up process and take coordination role among partners more effectively for RE application in the Mekong delta.

II. Objectives:

The objectives of this assignment are:

Objective 1: To conduct the desk review for existing low carbon, renewable energy (RE) solutions (roof top and solar farm, wind power, biogas and biomass) in 5 provinces of Mekong Delta

Output 1: Map of low carbon, RE projects/models/solutions in 5 provinces of Mekong Delta,

Output 2: GHG emission reduction calculation from renewable energy projects/models/activities based on review's result and combine with calculation from agriculture sector report,

Output 3: Number of # USD invested for renewable energy sector in 5 provinces of Mekong Delta.

Objective 2: To recommend potential ideas contribute to develop the action plan for private sector and CSOs to engage and contribute on renewable energy development plan and PA plan at provincial level:

Output 1: List of potential mitigation solutions for piloting and replicating by 2021 in renewable energy sector,

Output 2: List of current and coming energy programs at provincial level,

Output 3: A list of initiatives and intervention suggestions to effectively and efficiently support these energy programs on implementation process at provincial level.

III. Scope of work:

The consultant will work closely with the WWF team to develop the comprehensive research methodology and plan of research conduction. The major methodology is desk review and online survey or via phone call, email.

This research is expected to cover all 13 provinces in Mekong delta with all relevant policies and programs on renewable energy and Paris Agreement implementation plan at provincial level.

Targeted stakeholders: DONRE – DOIT - DPI, private sectors in renewable energy and NGOs, big and small farm, house hold level.

IV. Timing and working days

The contract duration is 20 October, 2019 to 20 December, 2019.

Tentative detailed timeline is proposed as follows (it is able to be adjusted in the proposal from consultant and completed via discussion with WWF).

Work	Total days required (as a team or an independent expert)	Time line
Methodology development		
Collect information and data		
Desk review and quick survey with relevant partners		
Analysis the data base collected and first report submission		
Comment and edition		
Complete the report		

V. Profile

Required Qualifications

- A Master degree or corresponding qualifications in climate change, energy, environmental management, international development or political science.
- Very good knowledge of the political, social and economic situation in Viet Nam.
- Strong coordination with relevant national and provincial department.
- Have experiences on working in Mekong delta

Required Skills and Competencies

- Fluent Vietnamese and English (optional) language skills;
- Networking & Team working skills,
- Good communication skills,
- Good planning, organization, time management, facilitation and coordination skills
- Adhere to WWF's values: Knowledgeable, Optimistic, Determined and Engaging.
- Respective Competencies: Client orientation, delivery of quality outputs; building effective relationships; communicating effectively.

VI. Working Relationships

Internal:

WWF-Vietnam: Works in close collaboration with WWF-Vietnam

External:

Liaise and work with Government agencies, corporates and international and local NGOs, if required.

This job description covers the main tasks and conveys the spirit of the sort of tasks that are anticipated proactively from WWF.

VII. Expression of interest

Interested consultants (as a team or an independent expert) can email applications to anh.vuquoc@wwf.org.vn including Curriculum Vitae, brief proposal of the assignment with five provinces in Mekong Delta to conduct the research, total working days with a daily rate, and total estimated cost. Please mention reference subject "**Expert to conduct the research on renewable energy in Mekong Delta in Vietnam**"

DEADLINE FOR APPLICATION: 17:30 PM (GMT+7) Monday 14th Oct 2019. We regret that only short-listed applicants will be contacted.

Hanoi, 03rd October 2019.