

# TERM OF REFERENCE

## **Technical inputs for Business model and Renewable energy Development for Women Enterprise to increase adaptive capacity and enhance climate-resilient livelihoods**

Project “EmPower – Women for Climate Resilient Societies” in Viet Nam

### **1. Introduction**

Based on the Paris Agreement, Sendai Framework and the Sustainable Development Goals have galvanized political awareness and commitment to address climate change and disaster risks, responsively. These frameworks also recognize that combating, adapting, and responding to climate change and disaster risks cannot be achieved without the inclusion of marginalized groups such as women, children, people with disabilities, ethnic minorities, among other groups. The EmPower project was designed and implemented jointly by UN Women and UN Environment Programme (UNEP) and will contribute to meeting these commitments and achieve sustainable development by strengthening the capacity of national governments, CSOs, regional institutions and other stakeholders to ensure that actions investments in climate change and DRR adopt human rights approaches and are gender responsive.

The EmPower– Women for Climate Resilient Societies project aims to contribute to the overall long-term Outcome of “Countries In Asia and the Pacific Implement Gender-Responsive Climate Change and DRR Actions to Address Key-Drivers of Gender-Based Vulnerabilities.

In order to achieve this long-term Outcome, the Project will invest in five outcome areas as follows:

Outcome 1: CSOs representing women and women’s groups are able to lead, participate in and influence climate change and DRR decision-making processes.

Outcome 2: Governments and key stakeholders are able to generate, analyze and use sex, age, and diversity disaggregated data to inform climate change and disaster risks and actions.

Outcome 3: National policy-makers are able to integrate gender equality commitments in climate change and DRR policies;

Outcome 4: Women use Renewable Energy (RE) to increase adaptive capacity and enhance climate-resilient livelihoods;

Outcome 5: Regional normative and policy frameworks on climate change and DRR incorporate gender equality and human rights perspective.

Currently, the project is being implemented in three countries in Asia - Bangladesh, Cambodia and Vietnam; and regional level activities to influence the intergovernmental and normative regional processes for climate change and disaster risk reduction to be more gender-responsive. The five-year project is a partnership between UN Women and UN Environment and funded by the Swedish International Development Cooperation Agency (Sida).

In Vietnam, the program works in partnership with the Center of Help for Indigenous value promotion And Sustainable Environment (CHIASSE) and the Green Innovation and Development Centre (GreenID) for Outcome 4: Women use RE to increase adaptive capacity and enhance climate-resilient livelihoods. The objective of outcome 4, led by UNEP, is to support women to become renewable energy entrepreneurs and to access renewable energy to increase livelihoods and economic empowerment for climate resilient societies.

In 2019, different Scoping and Pre-feasibility studies were conducted in four provinces: Bac Kan and Lao Cai provinces in North and An Giang Provinces in Mekong Delta region as well as Dak Lak in the Central highland region.

Different potential women's livelihood options including that can be supported with renewable energy, women's entrepreneurial capacity and upgrading existing business models, were identified as results of these studies (the Shortlisted Women Enterprises).

In 2020, as part of the project implementation phase and capacity support for local CSOs, the project seeks for International and National consultant/s with the role of providing support in carrying out the business and technological assessment with respect to RE to find out the most feasible RE systems and services for promoting the selected women's livelihood options.

## **2. Objective**

### **2.1. Objective**

To provide support in carrying out the business and technological assessment with respect to RE to find out the most feasible RE systems and services for promoting the selected women's livelihood options.

### **2.2. Scopes of work**

#### ***Role***

To achieve this objective, the consultant/s will work with CHIASE and GreenID for carrying the below tasks with main roles including:

The consultants:

- Responsible for developing all methods, tools/questionnaire for the feasibility studies/assessment in consultation with CHIASE and GreenID.
- A field visit to have better local context if needed.
- Support CHIASE team for data analyzing and reporting for the first two business models.

CHIASE and GreenID

- Responsible for carrying out the assessment in Lao Cai, Bac Kan, Dac Lak and An Giang using the methods, tools/questionnaire developed by the consultants.
- Data analyzing and reporting with support from the consultants.
- Logistic arrangement and translation/interpretation if needed.

#### ***Methodology***

The specific methodologies, tools/survey questionnaires will be developed by the consultants in consultation with CHIASE, GreenID and UNEP.

#### ***Tasks***

- a) Prepare an Inception report including workplan for the assignment
- b) Review all necessary project/program documents from CHIASE and GreenID, especially the scoping and pre-feasibility study reports, as well as from other sources.
- c) Prepare draft of the specific methodologies, tools/survey questionnaires for CHIASE and GreenID carrying out the assessment in the field, including but not limited to:
  - To carried out technology assessment and identification of appropriate technology for each of the intervention, along with technology providers and technology specification.
  - To conduct supply supply chain assessment of each of the RE and associated technology intervention and detailed project cost estimation in setting up or strengthening the women enterprise
  - To support techno-economic assessment and cash flow analysis for each of the intervention

- To support development of institutional, financial and operational structure for each of the intervention
- d) Meeting/working with CHIASE, GreenID and UNEP to finalize the methodologies, tools/survey questionnaires
- e) Support CHIASE and GreenID teams in analysing data and reporting for the first two models (one is from CHIASE' s and the other is from GreenID's project areas) including recommendations for the models' development.

#### 4. Deliverables

1. Inception report including workplan for the assignment (about 5 pages)
2. A set of methodologies, tools/survey questionnaires for the assessment
3. Two final draft of reports for two models (one is from CHIASE's and the other is from GreenID's project areas).

The deliverables are in English.

#### 5. Time schedule

The timeframe for the assignment is from August to December 2020. Total time of the consultant/s is about 30 working days for all the tasks below:

<b>Milestones and deliveries (preliminary dates):</b>	
Inception report including workplan for the assignment	August 2020
Review all necessary project/program documents	August 2020
Prepare draft of the specific methodologies, tools/survey questionnaires	Early September 2020
Meeting/working with CHIASE, GreenID and UNEP to finalize the methodologies, tools/survey questionnaires	15 September 2020
Support CHIASE and GreenID teams in analysing data and reporting for two models (one is from CHIASE' s and the other is from GreenID's project areas.	15 October 2020

#### 6. Preparation and Logistical Support

CHIASE and GreenID will facilitate the work through the provision of all required logistical support required including if needed, any flights, accommodation, transportation, translation and documentation as well as all logistical arrangements for the meetings, workshops and field visits.

#### 7. Consultant profile

One international consultant who has capacity and experiences in two areas of Business model and Renewable energy assessment or one International team leader for Business model assessment and one National consultant team member on Renewable energy assessment.

The consultant/s shall have the following qualifications:

- University or master's degree in relevant field such as Agriculture, Agriculture Economics, Business Administration (MBA) and Management, Renewable Energy or a related discipline;
- Over 5 years of relevant experience related to rural business development, agriculture sector, marketing, competitiveness and value chain analysis, RE, etc.

- Comprehensive experience on feasibility assessment, enterprise assessment and development, women empowerment, climate change and livelihood support development.
- Comprehensive experience of renewable energy, preferably in South East Asia
- Experiences in Vietnam and four provinces of Lao Cai, Bac Kan, An Giang and Dak Lak as advantages
- Preferably based in Hanoi, Vietnam and available to work in the specified period.
- Proficiency in English.

## 8. Application

If you are interested in the assignment, please send your application and CV/s to the email address: [chiaseanhv@gmail.com](mailto:chiaseanhv@gmail.com), quoting the position title in the subject line of the email.

If you need more information, please contact Mr. Nguyen Van Anh through the above email or mobile: (+84-4) 91 253 2648.

**Application Deadline: 25 August 2020.**

## Annex

Example of women business that will be assessed as the below:

Areas of business	Number of employment/workers for production	Total revenue per year on average	Province
Production of dried rice noodle in Hong Luan Cooperative	7	About 240,000 USD	Bac Kan province
Cinnamon drying and processing	46	About 500,000 USD	Lao Cai province
Women business of making traditional bamboo stick	20		An Giang province
Núi Xanh Cooperative (service is provision of safe food such as meat, sea food, and vegetable to restaurant and schools in Ban Me Thuat city)	50		Dak Lak province