



## TERM OF REFERENCE

### **Assess the piloted rice cultivation models and develop Farmer Field School (FFS) manual on low GHG rice production for small-scale farmers in the North of Vietnam**

#### **1. Introduction**

Oxfam is a global movement of people who are fighting inequality to end poverty and injustice. Oxfam confederation currently has 21 member organizations working in 79 countries. We share a vision of a just and sustainable world. A world where people and the planet are at the center of our economy. Where women and girls live free from violence and discrimination. Where the climate crisis is contained. And where governance systems are inclusive and allow for those in power to be held to account.

Oxfam in Vietnam believes that a reduction in poverty, injustice, and inequality will occur through the interaction between active citizens, accountable states and responsible private sector, and that it is fundamental to Vietnam's development. Oxfam in Vietnam contributes to a shift from the current growth-based development model to a Human Economy that cares about People and the Planet.

Rice is a main food crop in Vietnam with 3.8 million ha of rice cultivated land area. However, rice production has been created some negative impacts to the environment such as overuse of pesticide, herbicide, chemical, etc and recently, the rice cultivation is also considered as the biggest source of GHG emission (CH<sub>4</sub> and N<sub>2</sub>O) in the agriculture sector in Vietnam. According to Ministry of Natural Resource and Environment (MONRE), rice production emitted 43,8 million tons CO<sub>2</sub> (equivalent) in 2018, occupied about 49.3 % of the total GHG emission from agriculture production in Vietnam.

System of Rice Intensification (SRI) has proven its advantages in providing significant economic and environmental benefits for farmers through reducing production inputs (e.g. reducing seeds, fertilizer, pesticide/chemical and saving water), increasing productivity and improving agroecology, etc). The recent studies show that SRI is one of advanced rice cultivation technique that can reduce significantly GHG emission from rice cultivation (about 20-35% compared to conventional rice cultivation practices)

Since 2023, Oxfam in Vietnam has supported Yen Bai province to implement the pilot project on sustainable rice production toward low GHG emission in Yen Bai province. The project aims to introduce the community based sustainable rice production models following SRI technique that can reduce GHG emission for small scale farmers in Yen Bai province. The project has been implemented in two districts of the province to test different rice cultivation models following SRI principles.

## **2. The objective of the assignment**

The objective of this assignment is to:

- Review the piloted rice cultivation models to assess the results of each cultivation method in terms of socioeconomic and environmental effectiveness, GHG reduction result, adoption capacity of small-scale farmers and scalability.
- Document the implementation process, achievement, adoption barriers and lessons learnt from the piloted cultivation models
- Develop FFS training manual to build capacity for small scale rice farmers on low GHG emission rice production.

## **3. Scope of work**

The assignment to be carried out by the consultant(s) would include but not limited to the following:

- Prepare detailed work plan, discuss and get agreement with Oxfam staff and partner about the scope of work, methodology
- Review of the relevant materials and reports
- Design the data collection tools, questionnaires for assessing the piloted models
- Conduct the field work in Yen Bai province
- Prepare the assessment report on the piloted rice cultivation models
- Prepare FFS training manual on sustainable rice production toward low GHG emission.
- Get feedback from Oxfam and partners
- Finalize the report and training manual

## **4. Deliverable and timeframe:**

The consultants are expected to deliver the following consultancy reports (in Vietnamese):

- An assessment report on results of piloted rice cultivation models that analyze the socioeconomic and environmental aspects, adoption capacity of small-scale farmers and scalability of the models. The report also includes documentation of the implementation process, key achievements, adoption barriers and lessons learnt from the piloted cultivation models by the project.
- A training manual on sustainable rice production following FFS approach which will be used to train for small scale farmers.

### **Submission timeframe:**

- Draft reports: 22 May 2025
- Final reports: 29 May 2025

## **5. Requirement for consultants**

The consultant(s) should have:

- Academic background in agriculture, environment, economics or related fields
- Good technical knowledge and experience in food crops, especially rice

- Good experience and skills in documentation
- At least 7 years of experiences in field survey, assessment/evaluation, indicator development
- Strong analysis and writing skills
- Understand well about gender sensitive, rural development issues, agriculture, technology innovation
- Ability to work under pressure and to deliver high quality output to an agreed timeframe

## 6. How to apply

The Interested consultant is requested to submit application documents via the below email address and should include:

- Consultant's Curriculum Vitae: Introduction of the Consultant's profile and related experience (CVs)
- Detailed technical proposal achieving all expected objectives within mentioned timeframe (including methodology, framework, team structure, implementation plan...);
- Financial proposal that specifies number of working days required and consultancy rate

Oxfam is committed to preventing any type of unwanted behaviour at work including sexual harassment, exploitation and abuse, lack of integrity and financial misconduct; and committed to promoting the welfare of children, young people and adults. Oxfam expects all staff and volunteers to share this commitment through our code of conduct. We place a high priority on ensuring that only those who share and demonstrate our values are recruited to work for us.

**How to Apply:** The Proposal and documents [could be written in English or Vietnamese](#) and should submit by email to [HR.Vietnam@oxfam.org](mailto:HR.Vietnam@oxfam.org) with the subject mentioning: **"Assess rice cultivation models and develop FFS manual"**

**The closing date for application: 17:00 pm, 25 March 2025.**

**We regret that only short-listed applicants will be contacted for an interview.**