



## TERMS OF REFERENCE FOR CONSULTANCY SERVICES

**Develop a gender impact story for the rice, maize and chickpea East Africa project sites**

### **1. BACKGROUND**

#### **1.1 International Centre of Insect Physiology and Ecology (*icipe*):**

The International Centre of Insect Physiology and Ecology (*icipe*) was established in Kenya in 1970. *icipe* is the only independent international institute working primarily on arthropods. It employs a diverse range of scientific disciplines in a holistic manner to perform original research on pest and beneficial insects and arthropods with the goal of improving human and livestock health, crop production, ecological systems and well-being of communities. *icipe* has carved out a leading role in what may be termed tropical insect science, as reflected in the range, depth and impact of its strong publication record. The focus of this work is sub-Saharan Africa (SSA), particularly the large population of smallholder farmers. At the core of its mission is the development of affordable and effective tools and strategies to combat insect pests and vector-borne diseases in order to help alleviate poverty, ensure food security and improve the overall health of peoples of the tropic. Its mandate is to develop alternative and environmentally friendly pest and vector management strategies that are effective, selective, non-polluting, non-resistance inducing and affordable for uptake by resource-limited rural and urban communities.

*icipe*'s mandate, while unique, also introduces challenges, given that *icipe* works across the four health themes; Human Health, Animal Health, Plant Health, and Environmental Health. To have an effective impact in these diverse areas, *icipe* operates through different impact pathways, employing partnerships with different agencies across the public and private sectors. Few research institutes straddle such different sectors, creating challenges in both downstream delivery and in resource mobilization. Moreover, given the large number of insect and arthropod vectors that carry human, animal and plant diseases, an even larger number that directly attack plants, and many others that provide beneficial ecosystem services, particularly pollination, *icipe* must assess appropriate research priorities and strategies in the context of smallholder communities in Africa, an increasingly dynamic and changing environment, periodic pandemics emerging in Africa, and under resourced national research and delivery agencies.

## 1.2 *icipe*'s Mission

“Help alleviate poverty, ensure food security and improve the overall health status of peoples of the tropics by developing and extending management tools and strategies for harmful and useful arthropods, while preserving the natural resource base through research and capacity building”.

## 1.3 *icipe* project supported by USAID

The rice, maize and chickpea East Africa project is supported by USAID and implemented by *icipe*. The Social Science and Impact Assessment unit of *icipe* is looking for an experienced individual consultant to develop a rich story on the gender impact of integrated pest management (IPM) based on focus group discussions and individual interviews of male and female farmers in Kenya and Ethiopia. The unit is looking for *one consultant per country*.

## 2. OBJECTIVE

The objective of the consultancy is to assess biophysical and socio-economic benefits that men and women farmers are generating from IPM practices/technologies being promoted by the project partners in the three countries. In addition, the potential consultant will identify gender specific barriers and incentives to scale-up IPM.

## 3. EXPECTED OUTPUT

- A semi-structured **3-page** questionnaire and **brief** focus group discussion (FGD) checklist or interview guidelines.
- Qualitative and quantitative data generated for the study.
- A well written working paper that includes **at least one well-articulated success stories**.

## 4. METHODOLOGY

The consultant will use a mix of qualitative and quantitative methods to fully understand the benefits of IPM technologies and constraints and opportunities to promote IPM in the three countries. This objective will be achieved using individual interviews FGDs. Thirty individual interviews (15 women and 15 men farmers) and ten FGDs (5 women's and 5 men's groups) will be used in the analysis.

## 4. KEY DELIVERABLES

- a) Inception Report: The consultant will submit an inception report containing, among others, the agreed study points, methodology and the study implementation plan. This includes the data collection method. The consultant will be expected to develop tools, such as structured interview guides/questionnaires, and delivered these within 5 days from the date of signing the contract.

- b) A Draft Report will be expected 30 days after execution of the above to share the findings with the supervisor and obtain feedback for revising the report.
- c) Final Report: The consultant will be expected to submit the final report of the study within 10 days after receiving comments on the draft report.

The report guidelines are as follows:

- An Executive summary (0.5 page) of the report's objectives, methodology used, major findings and recommendations.
- An Introduction (1-2 pages) that describes the role of gender in enhancing the impact of agricultural interventions, agricultural production, food and nutrition security, etc.
- The Results section (4-5 pages) should be clearly written and synthesize the quantitative and qualitative results into detailed stories supported by numerical figures.
- Recommendations (1-2 pages).
- References (a list of all cited documents following the Food Policy journal style).
- Annexures (annex relevant evidences).
- Use Times New Roman (12 Font, single space), simple tables and figures where necessary (in Food Policy journal style).

## **5. MANDATORY REQUIREMENTS**

- Preferable PhD in development and gender studies; sociologists, economists (agricultural and development).
- Demonstrated experience in qualitative and quantitative gender analysis (attach one paper or working paper on this).
- Solid experience in conducting focus group discussions (FDG) (attach checklist you developed in your previous work).
- Field experience in rural villages, with supporting evidence.

## **6. TIME FRAME**

The study is expected to be completed within a 40-day period commencing on the day of signing the agreement.

## **7. SUPERVISOR**

The consultant shall report to Drs. Monica Fisher and Menale Kassie and work under her guidance during the duration of the consultancy. Email: [mfisher@icipe.org](mailto:mfisher@icipe.org) or [mkassie@icipe.org](mailto:mkassie@icipe.org)

## **8. APPLICATION GUIDELINES**

- a) **Technical Proposal**
  - i. Detailed cover letter expressing interest in this assignment, including full contact details (name, tel. e-mail), and physical address.
  - ii. Consultant's detailed CV.

- iii. Evidence of undertaking similar evaluation work during the last 5 years.  
Provide contacts of at least three references.
- iv. Clear understanding of the assignment/interpretation of the TORs.
- v. Methodology to be used during the assignment.
- vi. Work plan clearly indicating the maximum time/duration required for the assignment.

b) **Financial Proposal**

- i. Provide a competitive and detailed cost breakdown (fee quote in US\$) to perform the assignment, including all the chargeable taxes.
- ii. Terms of payment