

Terms of Reference for the recruitment of a

“RESEARCH CONSULTANT IN TAXONOMY OF BANANA, AVOCADO, MACADAMIA, CITRUS AND PINEAPPLE” IN GERMPLASM COLLECTIONS

1. Presentation of the Project

The Project “Appui au PSTA à travers un Appui à la Filière Horticole au Rwanda” (APFH) started in February 2008 and is financed by the Direction of Cooperation for Development (DGCD) through the bilateral cooperation between Rwanda and Belgium. The project is co-implemented by the Ministry of Agriculture and Animal Resources and Belgian Technical Cooperation (BTC).

The Project is governed by the specific convention governing the procedures applied to interventions financed through the bilateral cooperation between the Republic of Rwanda and the Kingdom of Belgium and the specific convention of the project “Appui au PSTA à travers un Appui à la Filière Horticole au Rwanda”.

2. Context

The APFH project was initiated in the logic of the diversification of economically and potentially important horticultural crops, species and varieties to tap into the market opportunities and value chain development. It is currently being implemented to support the entire strategy of the Rwanda Horticulture Development Authority (RHODA) with the aim at help positioning Rwanda horticultural production and competitiveness on regional and international markets.

The “Institut des Sciences Agronomiques du Rwanda” (ISAR) is mandated to carry out integrated agricultural research for development that aims at poverty alleviation, food security while conserving natural resource base.

Through the Project «Appui à la Filière Horticole au Rwanda » ISAR is building its capacity in the characterization, collection and conservation of germplasm for some horticultural crops such as banana, avocado, pineapple, citrus and macadamia.

3. Objectives of the research consultancy

The research consultancy aims at building the capacity of the local staff in characterizing all horticultural crops mentioned above in order to contribute to sustainable increase of productivity in Rwanda through dissemination of known and labelled planting materials.

4. Key tasks and responsibilities

- a) Characterize all accessions in the germplasm according to an internationally recognized procedure;
- b) Propose efficient procedures for **banana, avocado, macadamia, citrus and pineapple** germplasm conservation in Rwanda;
- c) Train **Banana and Horticulture Program** staff in **banana, avocado, macadamia, citrus and pineapple** morphological and molecular characterization;
- d) Compile a report of all activities outlined above, including a document with descriptors for all materials in the germplasm and a manual of procedures for germplasm conservation in Rwanda.

5. Estimated implementation time

The estimated period for this work is 3 months for **banana and avocado** (each one); **pineapple, citrus and macadamia** (each one). The experts will be based in Rubona Research Centre (Southern Province).

6. Source of funds

The research consultancy will be funded by the Belgian Technical Cooperation (Rwanda Office) Project « Appui au PSTA à travers un Appui à la Filière Horticole au Rwanda », (RWA 06/056/01); activity A_02_04.

7. Qualification, skills, experience and other requirements

- a) Hold a Ph.D. in a relevant field (Horticulture, Plant genetics, Plant breeding, etc.) and have experience of at least five years in taxonomy work;
- b) A demonstrated publication record in refereed journals in areas relevant to the consultancy;
- c) Have good interpersonal and communication skills and the ability to work with multi-disciplinary teams;
- d) Experience in research training will be an added advantage.

Interested candidates will submit the letter of application, their technical and financial proposals, curriculum vitae, and statement of capability to the Director General, ISAR Office in Kigali by email: dg@isar.rw, with a copy to dgsec@isar.rw, j_mugabe@yahoo.fr, kagiboni@yahoo.fr and ndiramiye@gmail.com.

The deadline for submission of application is the **22 December 2009**.

For further information on ISAR and the research programs and units, they might visit ISAR website, www.isar.rw, or contact ISAR at **+250 252 578768** and by email: j_mugabe@yahoo.fr.

N.B: A candidate can apply for one or many crops