



VACANCY NOTICE

Short Term Consultancy Service

The Caribbean Agricultural Research and Development Institute (CARDI) an autonomous Institute funded by Member Countries of the Caribbean Community (CARICOM) invites applications for two **Consultants as follows:**

A

TERMS OF REFERENCE

DEVELOPMENT OF GEOGRAPHIC INFORMATION SYSTEM IN SUPPORT OF BLACK SIGATOKA DISEASE MONITORING AND CONTROL IN THE WINDWARD ISLAND AND GUYANA

1. BACKGROUND

1.1 Notwithstanding a significant decline in output over the past three decades, the banana industry remains an important contributor to the livelihoods of large segments of the rural population in the Windward Islands and Jamaica. In the Windward Islands a core group of farmers remain engaged in the export trade to the United Kingdom, largely under the Fair Trade label which offers a preferential price and incentive regime as a reward for farmer/industry compliance to sustainable production and marketing practices. Meanwhile, domestic consumption and intra-regional trade in bananas and plantains has emerged as significant contributors to the income of farmers in the Windward Islands, Jamaica and Guyana.

1.2 Black Sigatoka Disease (BSD), one of the most devastating diseases affecting bananas and plantains worldwide, was recently discovered in the Windward Islands and Guyana. Industry stakeholders have concluded that a regional intervention is likely to be the most cost effective way to manage and reduce the impact of the disease. In this regard, the Caribbean Agricultural Research and Development Institute (CARDI), has received a grant from the Caribbean Development Bank (CDB) to assist with the development and implementation of BSD monitoring and management programme in Dominica, Guyana, St Lucia and St Vincent and the Grenadines.

2. OBJECTIVE

2.1 The objective of this consultancy is to assist CARDI in the development of an IDM framework for BSD control in the Windward Islands and Guyana by providing technical assistance to CARDI focusing on the development of recommendations for establishing of interactive databases and map information systems to assist target countries (Dominica, Guyana, St Lucia and St Vincent and the Grenadines) in BSD surveillance and management.

3. SCOPE OF SERVICE

3.1 The scope of work will include but not be limited to the following:

- a. In collaboration with CARDI and industry stakeholders define the data requirements for a BSD monitoring and control system;
- b. Review exiting geographic information system (GIS) in target countries and advise on whether it is technically feasible and cost effective for the data needs defined above to be provided thorough (an upgrade of) and existing system. This review should include:
 - i. The capabilities of the existing system(s) (including in-house technical expertise) and whether or not they are compatible with the information needs defined above;
 - ii. What intuitional arrangements wold be required to allow the sharing of the information system;
 - iii. Who are the current users of the existing system(s) and to what extent is the current user network compatible with that of the network envisioned; and
 - iv. What data is contained on the existing system(s) and the extent to which that data covers identified needs.

- c. Making recommendations for developing/ updating of country GIS framework for BSD monitoring and control, data analysis, interpretation and reporting to support timely interventions for BSD control including:
 - i. Software and hardware configuration for proposed system/ systems upgrade;
 - ii. Anticipated hardware repairs and maintenance costs required to support the new/ upgraded system; and
 - iii. Personnel requirements (including training) for the installation and operation of system

4. REPORTING AND DELIVERABLES

4.1 The consultant will be required to submit to the Project Consultant the following reports:

- a. **Inception report:** Within one month of commencement of the assignment and must include the methodology for carrying out the proposed assignment, including a Work Programme detailing planned country visits and tentative dates for the submission of the main deliverables;
- b. **Monthly progress reports:** a narrative report, outlining the work accomplished in the preceding period, an outline of the work expected to be completed during the next progress reporting period and if appropriate, comments and recommendations relating to and unforeseen conditions which may affect the progress or the quality of the research; and
- c. **End of assignment report:** Prepare against the agreed work plan, outlining detail the activities carried out under the project and main conclusions and recommendations on a country basis.

5. QUALIFICATIONS AND EXPERIENCE

5.1 The Consultant must have at least:

- a. a Bachelor's Degree in Geography, computer science or related field; and
- b. ten years of experience in the development of GIS systems

Applications should be addressed to the Head, ICB Unit, Caribbean Agricultural Research and Development Institute (CARDI) P.O. Bag 212, University Campus, St. Augustine, Trinidad and Tobago or via email at hresources@cardi.org.

The deadline date for receipt of applications is Friday 5 August, 2016.

UNSUITABLE APPLICATIONS WILL NOT BE ACKNOWLEDGED

B

TERMS OF REFERENCE **PUBLIC RELATIONS CONSULTANT** **DEVELOPMENT OF AN INTEGRATED DISEASE MANAGEMENT PROGRAMME** **FOR BLACK SIGATOKA**

1. BACKGROUND

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2. OBJECTIVE

2.1 The objective of this consultancy is to assist CARDI in the development of an IDM framework for BSD control in the Windward Islands and Guyana by documenting the results of the Project in a manner which could be used for stakeholder training and sensitization.

3. SCOPE OF SERVICE

3.1 Project target countries utilize a wide range of public information methodologies and techniques to sensitize and train stakeholders in BSD control strategies. The Consultant will be responsible for the production of material (factsheets, posters, brochures, audio and video script to be used in production of BSM IDM public relations campaigns. The material should set out action required in the IDM strategy developed by the Project.

4. REPORTING AND DELIVERABLES

4.1 The Consultant is expected to work closely with the Project Coordinator and will be required to submit the following reports:

- a. A work plan clearly detailing the approach to carrying out the assignment in a timeliness;
- b. A draft final report including the layout and content of the PR material; and
- c. A final report incorporating comments received on the contents of the draft final report

5. QUALIFICATIONS AND EXPERIENCE

5.1 The Consultant must have at least a Bachelor's Degree in a relevant field; and at least five years of experience in the design of a public relations programme and associated material.

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