TERMS OF REFERENCE

JOB POSITION: Field Technician
DUTY STATION: Barbados
DURATION: 11 months

The Caribbean Agricultural Research and Development Institute (CARDI), invites suitably qualified candidates to apply for the position of Field Technician, in Barbados, for a period of 11 months.

The successful candidate will support the implementation of activities under the “Caribbean Sargassum Product Research and Development” project. This is a partnership project involving the New Zealand Institute of Plant and Food Research and the Caribbean Regional Fisheries Mechanism (CRFM). The project is funded by the Government of New Zealand and its duration is from June 2023 – July 2024.

The aim of this project is to contribute to mitigating the environmental and economic impacts of Sargassum seaweed influx in affected Caribbean countries through the creation of technologies and value chains for marine biomass.

The joint research conducted by CARDI will support the development and field testing of a prototype liquid fertilizer or plant growth promoter and compost derived from Sargassum.

TYPE OF CONSULTANCY  ☒ Individual (Local)  ☐ Individual (International)  ☐ Individual (Local or International)  ☐ Firm (Local)  ☐ Firm (International)  ☐ Firm (Local or International)

SCOPE OF WORK
Under the supervision of the CARDI Representative, the successful candidate will support the implementation and monitoring of project activities in Barbados. His/her responsibilities will include:

- Assisting with designing, implementing and maintaining field trials in different districts
- Assisting with evaluating fertilizers and compost products under greenhouse and field conditions
- Collecting and recording experimental data on plant, soil, water, etc. and entering same in the computer
- Collecting and preparing samples and specimens of plants, soil, etc. for analysis
- Coordinating the survey of farmers, growers and other potential end users of the products developed by the project
| Monitoring, data collection, and equipment servicing as necessary in trial plots |
| Supporting sensitization and capacity-building sessions in using liquid fertilizer |
| Writing reports on research findings and progress of trials |
| Conducting research on solar drying technologies suitable for drying Sargassum |
| Maintaining a good working relationship with farmers when conducting on-farm trials |
| Procuring materials and supplies to support fieldwork |
| Organizing and participating in field demonstrations and exhibitions, to disseminate agricultural information to farmers, community groups, and other stakeholders |

**DELIVERABLES**

- Monthly progress reports
- Report on survey of growers
- Report on drying and storage trials of Sargassum
- Report on evaluation of liquid fertilizer or growth promoter and compost products on greenhouse and on-farm field trials
- Farmer outreach plans

**REQUIRED QUALIFICATIONS AND TECHNICAL SKILLS**

The successful candidate should have the following qualifications:

- BSc. in Agricultural Science, Environmental Science, Biology or related field
- Minimum of two years supervising and conducting agricultural field work especially on a Field Station or farm

Core Competencies:

- Excellent writing and oral communication skills in English language
- Computer literacy (MS Suite of Products - Excel, Word, PowerPoint etc.)
- Demonstrated ability to work in a team
- Proven analytical and report writing skills are advantageous

**BASIS FOR PAYMENT**

- Deliverables ☒Person-days/Persons-weeks/Person-months