Terms of Reference for Resource Person on Agric. Database & Mobile Apps

1.0 Duration of Assignment:
The revision is due to complete within three months from the agreement with Fiji Crop and Livestock Council (FCLC) together with Fiji Agricultural Partnership Project (FAPP).

2.0 Objective:
Review and make changes to the Farmers Database and Mobile Apps of the Fiji Crop Livestock Council, and activate the system to fully function. Staff of FCLC and farmers representative to be trained as well to become familiar with and capable of effectively and efficiently managing the Farmers Agriculture Database and Mobile Application System.

3.0 Qualification and Experience:
The individual consultant or company should be based in Fiji and should comply with all regulations relating to the conduct of such work (e.g. tax regulations).

The individual or company proposed to carry out the work should have a relevant degree in IT, Software Engineering, Computer Science or other relevant subject. They should have demonstrable experience in relevant programming languages and a good knowledge of Android and iOS platforms.

4.0 Job Description:
1. Review the Database and Mobile Application System, identify gaps, recommend changes and immediately rectify problems.
2. Check the information in the Database, and recommend and make improvements including Farmers’ registration forms.
3. Identify business opportunities that the system offers and prepare a business plan to generate revenue on a pilot basis.
4. Organise training and coaching sessions for FCLC staff, farmers representatives, agriculture stakeholders including buyers/exporters and potential users of the database.
5. Export data, review data, remove redundancies, and ensure database normalization.
6. Provide procedural methods for bug fixes and system crashes.
7. Ensure services provided by the mobile network providers (Digicel, Vodafone and Ink) is still in place, and review and/or renew MOUs.

8. Provide trainings for institutions interested in using the Mobile Application System to provide service to their clients.

9. Identify other areas of improvements, and make changes to make the Database and Mobile Application a dynamic, and effective platform with reliable source of updated farmers information, statistics and/or data, and improve connectivity for farmers with players along the value chain and vice versa, including supporters and enablers.

5.0 Outputs:

i. the Farmers’ Agricultural Database and Mobile Application system

ii. FCLC Staff, Farmers’ representatives and institutions interested in the Database and Mobile Application system are fully trained.

iii. A Database and Mobile Application system is reviewed, further developed and available to provide reliable data, and improve connectivity for the farmers.

6.0 Reporting:

A report on the assignment is to be prepared and submitted monthly to FCLC, and/or FAPP.

7.0 Resources Provided:

Resources to be provided in line with an agreed schedule of activities to be endorsed with FCLC and FAPP.