

## **TERMS OF REFERENCE**

**Title:** Consultant to Produce Teaching Materials of Master Curriculum in Agricultural Extension

**Programme:** Agriculture Services Programme for Innovation, Resilience and Extension (ASPIRE)

**Duty station:** Royal University of Agriculture (RUA), Phnom Penh, Cambodia

**Level:** International Consultant

**Duration:** 4 to 6 months

**Supervisor:** Programme Manager of ASPIRE Com2.2, Director of Division of Research and Extension

### **1. General Background**

The Royal Government of Cambodia has received financing in the form of a loan (USD26.1 million) from the International Fund for Agricultural Development, a grant (USD15 million) from the Adaptation for Smallholder Agriculture Programme Trust Fund, and Government funding (USD11.4 million) from the Ministry of Economy and Finance to implement the Agriculture Services Programme for Innovation, Resilience and Extension (ASPIRE). The total confirmed financing is approximately USD 52.5 million. The lead implementing agency is Ministry of Agriculture, Forestry and Fisheries (MAFF) with Supreme National Economic Council (SNEC) and National Committee for Sub-National Democratic Development Secretariat (NCDD-S) also having implementation responsibilities. ASPIRE will be implemented over a seven-year period 2015-2021 with activities at national level and initially five pilot provinces: Kampong Chhnang, Pursat, Battambang, PreahVihear and Kratie and expanding to five or more additional provinces in 2018 (PADEE program provinces).

The goal of ASPIRE is to reduce poverty and increase the resilience of poor and vulnerable smallholder farmers in the Kingdom of Cambodia. The Programme Development Objective is that by 2021 an enhanced Cambodian model of agriculture services is demonstrated as effective for assisting a diversity of smallholder farmers to contribute to broad-based economic growth through profitable and resilient farm businesses and is adopted as policy.

Under ASPIRE Programme sub-component 2.2, Royal University of Agriculture (RUA), particularly Division of Research and Extension implement set of activities to deliver the following: i) Curriculum development of Master of Science in Agriculture Extension, ii) Producing human resources for extension, iii) Research for Policy and Extension Program Recommendation, iv) Research for Technology Recommendation, v) Capacity Building Program, vi) Promoting research and extension, and vii) Short training courses for agriculture technical skill improvement.

### **2. Rational**

*Producing human resources for agricultural extension is one main activities of Division of Research and Extension of the Royal University of Agriculture. Master Program in Agriculture Extension is in the progress of initiating and development. Curriculum program is one main inputs for this program, which include the credit numbers, course syllabus and teaching materials. Recently, through several discussions and meetings, Graduate School of Agriculture*

Determined 13 courses for the whole Master program in Agricultural Extension including:

- 1- Scientific writing
- 2- Research methodology
- 3- Statistic in Agriculture Research
- 4- Concept of Agricultural Extension
- 5- Concept of Extension in Sustainable Land Management
- 6- Agricultural Extension Research
- 7- Rural Development and Food Security
- 8- Agricultural Marketing and Business Development
- 9- Agricultural Communications
- 10- Conservation and Management of Rural Ecosystems
- 11- Project Management
- 12- Approach for Rural Extension with Small-scale Farmers
- 13- Agricultural Economics

(Note: The subject may be flexible)

The next deliverable activities for this Master Program is to produce the teaching materials which will be later used for providing the lectures to students. Teaching materials are needed to be credible, pluralistic extension manner, and responsive the real needs and real situation in Cambodia context of economic moving as well as extension service modernization. In order to ensure the smooth development of this curriculum program as well as its teaching materials, a consultancy responsible for this package of activities will be needed and based at RUA, particular graduate school.

### **3. Objectives of the assignment**

The overall goal of this assignment is that the graduate school of the RUA are securing the quality of strengthening human resource for extension through Master in Agricultural Extension program, particularly producing teaching materials, which is the main input of the curriculum.

### **4. Scope of work**

- Produce the teaching materials for 13 courses as mentioned above, which are required for Master of Agricultural Extension;
- Introduce these course materials to the graduate school members and other faculty members by demonstrating and other meeting events;
- Design the procedure to conduct the workshop to validate these course materials later on;

- Closed communication with Dean of Graduate School and Director of Division of Research and Extension to get concept for designing teaching materials; and
- Contribute to the design of mechanism for the successful implementing this Master Program in Agriculture Extension.

**5. Location, Timing and Duration**

The assignment will be based in the Royal University of Agriculture (RUA) with travel to APIRE target provinces. The length of the assignment will take 4 to 6 months.

**6. Supervision and Reporting**

The consultant will work under the cooperation and supervision of Dean of Graduate School, and report to the Programme Manager of APIRE Com2.2, Director of Research and Extension.

**7. Qualification and Extension Requirements**

- Post-graduate degree in agriculture field;
- Significant experiences in proving lecture in postgraduate degree at Royal University of Agriculture, over years;
- Significant experiences as an educators, researcher, trainer and developer of curriculum materials at the Royal University of Agriculture, particularly in agricultural extension focus;
- Experiences in agricultural extension projects in Cambodia;
- Knowledge in the Cambodian agriculture context;
- Sound knowledge in agriculture communication;
- Sound knowledge in agriculture economics and rural development;
- Sound knowledge in IT and internet skills pertaining to agriculture program;
- Sound knowledge in postharvest/food processing/irrigation technology;
- Excellent writing skill; and
- Fluency in English.

Programme Authority (Name/Title)		Contract Holder (Name/Title)	
Signature:	Date:	Signature:	Date: