

Kingdom of Cambodia
Nation Religion King

Ministry of Agriculture
Forestry and Fisheries

Ministry of Education
Youth and Sport

Royal University of Agriculture

Higher Education Improvement Project (HEIP)

**Terms of Reference (ToR) for “Research Assistant”
For Sub-project “Crop simulation model for improving and
supporting crop production using GIS and remote sensing
application to influence on Cambodian economic changes”**

I. Background

The HEIP activities are funded by an IDA credit for improving the quality of higher education of Cambodia. The objectives of Higher Education Improvement Project (HEIP) are to improve the quality and relevance of higher education and research related to STEM and Agriculture, and governance in the sector. The project is expected to be implemented over a 6-year period, starting in July 2019 and ending in June 2024. The project comprised of three components:

Component 1: Improving Teaching and Learning in STEM and Agriculture-aims to enhance quality of teaching and learning capacity of targeted HEIs in the fields of science, technology, engineering, mathematics (STEM) and agriculture, while other complementary areas deemed necessary for economic development will also be supported.

Component 2: Improving Research in STEM and Agriculture-aims to improve the quality and relevance of research in STEM and Agriculture fields by supporting the targeted HEIs in the development and implementation of research projects that result in peer reviewed publications.

Component 3: Strengthening Sector Governance and Project Management-aims to strengthen the system of higher education sector to produce graduate equipped with transferable skills and knowledge, especially in STEM and Agriculture

II. Purpose

The Royal University of Agriculture (RUA) is one of the HEIP project’s beneficiaries, and we are now seeking for a qualified candidate to fulfill the position of **“Research Assistant” for sub-project “Crop simulation model for improving and supporting crop production using GIS and remote sensing application to influence on Cambodian economic changes”**, which will be based at the Faculty of Land Management and Land Administration (FLMLA), Royal University of Agriculture.

III. Scope of Work

1. Assist in the research project team in developing research methodology.
2. Assist in collecting, validating and analyzing data

3. Support the activities of the research project (activity planning, implementation, monitoring, evaluation and reporting) .
4. Arrange logistics and accommodation when necessary.
5. Coordinate and communicate with partners and stakeholders to conduct the activities smoothly.
6. Performed any other project-related tasks as assigned by the supervisor.

III. Role

The successful candidate will work under supervision of the Principle Investigator of sub-project “Crop simulation model for improving and supporting crop production using GIS and remote sensing application to influence on Cambodian economic changes”, Faculty of Land Management and Land Administration of the Royal University of Agriculture.

IV. Location

The selected candidate is expected to be based at FLMLA, RUA. Occasional travels to provinces may be required.

V. Qualifications and Experience:

1. Bachelor’s degree in any field, land management and land administration is preferable;
2. Good communication skill;
3. Good spoken and written English;
4. Good PC skills (Microsoft Office applications);
5. Some experiences in GIS and remote sensing would be an advantage, at least one year
6. Willing to develop the professional skill related to GIS and remote sensing application.

VI. Term

The position will start as early as possible, with 3-month probation, 1 year contract, and possible to renewed.

Interested applicant should submit:

1. Cover letter
2. Up-to-date CV with two referees
3. Copy of any obtained degrees, and other related certificates
4. At least one recommendation letter from previous working place and/or university which express specific reference to the ability of candidates to meet the criteria set in the **Terms of Reference**.
5. (Optional) Attach at least one or three academic papers related to GIS application, remote sensing, and spatial modelling.

Applicant should submit application not later than **14th May 2020** by delivering to

Ms. Nhim Sopheap
HEIP Project Office,
Room A03, Ground Floor, Academic Building, Royal University of Agriculture, Sangkat Dangkor, Khan
Dangkor, Phnom Penh, Cambodia,
Tel: (855) 23 231 096, (855) 061 467363

or sent to the address below E-mail: heippr@rua.edu.kh cc nsopheap@rua.edu.kh, and hsanara@rua.edu.kh

With the subject stated as “**Research Assistant, Sub project: Crop Simulation Model**”.