



Issued on: 06 October 2017

Deadline For Application: 20 October 2017

**JOB TITLE:** International Consultant (GIS / LRIMS) Expert

**TYPE OF CONTRACT:** Consultant (B-Level)

**DUTY STATION:** Cairo, Egypt

**ORGANIZATIONAL UNIT:** FAO REPRESENTATION – AFGHANISTAN

**DURATION:** 07 Months on WAE bases  
(Extendable)

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*FAO seeks gender, geographical and linguistic diversity in its staff and international consultants in order to best serve FAO Members in all regions.*

**Qualified female applicants and qualified nationals of non-and under-represented member countries are encouraged to apply.**

**Persons with disabilities are equally encouraged to apply.**

**All applications will be treated with the strictest confidence.**

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### Organizational Setting

The FAO in Afghanistan assists the Government to develop policies, programmes and projects to address the root causes of hunger and malnutrition; to help the Government develop the agricultural, fisheries and forestry sectors and to use the environmental and natural resources in a suitable way. It participates in the development of FAO's field projects in the country and implements it, including the reconstruction and rehabilitation of the damaged relevant sectors.

FAO works with three counterpart ministries – the Ministry of Agriculture, Irrigation and Livestock, the Ministry of Energy and Water and the Ministry of Rural Rehabilitation and Development. The FAO Representation is based in Kabul with regional offices in Herat, Jalalabad, Kandahar, Mazar-e-Sharif, Kunduz and Provincial offices in Badakhshan, Bamyán, Kapisa and Parwan.

The main objective of the project is to "Strengthening Afghanistan Institutions' capacity for monitoring and analysing agriculture production systems and development of National Agro-Ecological Zoning (NAEZ) and Land Resources Information Management System (LRIMS)". The establishment of the NAEZ and LRIMS and the development and/or improvement of the agriculture monitoring system based on geospatial technology in Afghanistan could be the enabler to support the progress of the techniques, policy and investment conditions to achieve sustainable agricultural development for food security in the context of climate change.

### Reporting Lines

The International Consultant (Geographic Information System / Land Resources Information Management System) will report directly to the FAO Representative / Budget Holder (FAOR/BH) in Afghanistan and in consultation with MAIL staff and FAO Senior Strategic Geomatics Specialist and technical supervision of the Lead Technical Officer (LTO).

### Technical Focus

The Expert will design the curriculum for the training program on LRIMS; prepare relevant documents and supportive/demonstrative material for the program; recommend, receive and prepare sample data for Afghanistan to be utilized throughout the program; and conduct the training program over 1 week in Cairo, Egypt for 4-6 of MAIL staff-members.

### Tasks and responsibilities

- Design the curriculum for the LRIMS Training Program
- Prepare relevant documents, supportive, and demonstrative material for the LRIMS Training Program
- Recommend, receive, and prepare sample data for Afghanistan to be utilized throughout the program
- Organise and host the training program in Egypt for LRIMS:
  - Arrange for trainees accommodation in Egypt
  - Arrange for availing suitable Training Room for the duration of the training (including Facility, Laptops, Network, Stationary, and Catering for 2 Coffee Breaks) - probably in the accommodation hotel.
  - LRIMS and ArcGIS SW Setup for the training laptops
- Conduct the LRIMS Training Program over 1 week in Cairo, Egypt
- Produce the LRIMS Training Technical Report (including Evaluation Sheet, Findings and Recommendations)
- As an integral part of the program, the Specifications of LRIMS (stakeholders, scope, user need requirements, crops of interest, etc.) are to be discussed and validated for the context in Afghanistan for the benefit of subsequent developments
- Revisit and update the scope of the LRIMS functional requirements for the project based on user feedback from the workshop.
- Identify the existing and new datasets that will be required for the LRIMS data model.
- Identify the main Land Utilization Types (LUTs) suitable for the Afghanistan context, for integration into LRIMS.

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## CANDIDATES WILL BE ASSESSED AGAINST THE FOLLOWING

### Minimum Requirements

- Advanced university degree in agriculture, GIS, remote sensing, natural resource management, project management or closely related field
- At least 7 years of relevant experience in remote sensing, GIS, LRIMS, mapping, or closely related fields.
- Working knowledge of English, French or Spanish and limited knowledge of one of the other two or Arabic, Chinese, Russian.

## FAO Core Competencies

- Results Focus
- Teamwork
- Communication
- Building Effective Relationships
- Knowledge Sharing and Continuous Improvement

## Technical/Functional Skills

- Previous working experience in the region and familiarity with the country situation will be highly desirable;
- Work experience in more than one location or area of work, particularly in field positions, is desirable
- Strong knowledge and understanding of FAO projects;
- Extent and relevance of experience in preparation of projects and programmatic approaches (particularly irrigation, project management and animal health or livestock projects) and in results-based monitoring and supervision of multidisciplinary projects
- Extensive field experience in developing countries.
- Demonstrated capacity to write technical reports in English
- Relevance of experience in Asia and the Pacific region is desirable
- Knowledge of FAO's project approval processes and Field Project Monitoring and Information System (FPMIS) would be an asset
- Demonstrated analytical and conceptual skills with ability to analyse and integrate diverse information from various sources
- Familiarity with the UN Communications rules and procedures, experience in developing communications strategies for the UN is necessary.

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Please note that all candidates should adhere to *FAO Values of Commitment to FAO, Respect for All and Integrity and Transparency*.

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## ADDITIONAL INFORMATION

- FAO does not charge a fee at any stage of the recruitment process (application, interview meeting, processing).
- Incomplete applications will not be considered. If you need help, or have queries, please contact: [iRecruitment@fao.org](mailto:iRecruitment@fao.org)
- Applications received after the closing date will not be accepted.
- Only language proficiency certificates from UN accredited external providers and/or FAO language official examinations (LPE, ILE, LRT) will be accepted as proof of the level of knowledge of languages indicated in the online applications.
- For other issues, visit the FAO employment website: <http://www.fao.org/employment/home/en/>

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## HOW TO APPLY

To apply, visit the iRecruitment website at <http://www.fao.org/employment/irecruitment-access/en/> and complete your online profile. Only applications received through iRecruitment will be considered.

Candidates are requested to attach a letter of motivation to the online profile.

Vacancies will be removed from iRecruitment at 23:59 Central European Time (CET) on the deadline for applications date. We encourage applicants to submit the application well before the deadline date.

If you need help, or have queries, please contact: [iRecruitment@fao.org](mailto:iRecruitment@fao.org)

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