



Food and Agriculture Organization of the United Nations

GIS and Remote Sensing Expert -National Consultant - CALL FOR THE INTEREST (CFI 14)

(This is merely to update the HR Roster)

Issued on: 4 November 2018
Deadline For Application: 2 Weeks

Job Title: GIS and Remote Sensing Expert -National Consultant

Grade Level: N/A

Organizational Unit: FNIRA

Duty Station: IRAN, TEHRAN

Duration: As Needed

Post Number: N/A

CCOG Code: N/A

Organizational Setting

The assignments' location is in the FAO's project offices in the Government of the Islamic Republic of Iran.

General Description of task (s) and objectives to be achieved:

Under the technical supervision of project LTO, and the overall guidance of the FAOIR and national counterpart of the project, the incumbent will assist primarily with following tasks.

- Support the collection of all kinds of available existing agriculture, statistics, geographic, geospatial, administrative and other socio-economic information (in close collaboration with the international consultant).
- Support the development of the database with the existing data and metadata collected;
- Support the development of the land cover database in close collaboration with the technical team;
- Support the selection of the recent high resolution geospatial information (i.e.: Sentinel 1 and Sentinel 2) to be used for the testing of the major crops of Iran for crop area and yield estimation;
- Support development of crop/non crop map based on Sentinel 1 and 2 satellite imagery;
- Support the development of spectral signatures for the main crop types based on crop calendars and training samples;
- Support development of stratification for the area frame based on the defined methodology;
- Support the development of technical and methodological materials, guidelines, manuals and prepare training and workshops materials;
- Prepare a detailed technical terminal report describing the activities, the results, finding and recommendations;
- Follow up findings and recommendations.
- Perform any other tasks as required.

This assignment require a certain number of working hours per week, including working minimum two-full days per week from the project Office in Tehran and the reminder hours are worked remotely. The assignment also include periodic field visits to project pilot sites (for 2 to 3 days) each as required by the project under these terms of references.

The consultant will report on technical matters to the LTO, and administratively to the project's NPD/NPC and FAO Iran.

The Consultant should submit monthly activity report to the project LTO for clearance no later than the 25th day of the month. The LTO will review and clear the report within 5 working day following submission. If the report is cleared by the project LTO, it is forwarded to the BH clearing the way for the payment for the days worked during the month.

Minimum Requirements:

- A University degree in Agriculture, Remote Sensing, Natural Resources Evaluation or other Natural Resources Science relevant field; or the equivalent combination of education and relevant professional experience;
- Minimum of 5 years' experience in applications of remote sensing for agriculture monitoring, land resources evaluation and/or other natural resources studies;
- Proven communications skills and fluent in English language;

Core Competencies

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

Technical/Functional Skills:

- Experience in agriculture monitoring and geospatial based projects and programmes;
- Experience in spatial data handling, analysis, GIS and cartography;
- Proven communications skills and fluent in English language;

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

HOW TO APPLY

- **Please send your completed P11 form to: FAOIR-HRDatabase@fao.org, making sure to mention your full name and number (CFI 14) and title (GIS and Remote Sensing Expert -National Consultant) in the subject line of your email.**

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