

GCP/PAK/115/EC
Terms of reference

Post Name: Soil Fertility Expert
No. of Posts: 01
Duty Station: Islamabad
Qualification: University Degree
Experience: Minimum 7 years

Under the overall supervision of the Representative, Food and Agriculture Organization (FAO) of the United Nations in Pakistan and under the direct supervision and guidance of the Project Manager, the **Soil Fertility Expert** will be responsible to perform the following tasks and duties, but not limited, under the project GCP/PAK/115/EC-Food Facility.

1. Define and implement a basic soil survey and agro-pedology program with direct participation to its coordination, guidance and supervision.
2. Perform regional soil mapping, fertility potentialities as a basis for a national development program; also classify and grade soils according to their composition, soil profile, level of nutrients, resistance to erosion, water holding capacity; test samples of soil in laboratories to know what nutrients are required for particular project areas.
3. Provide technical assistance for management of soil databases and their use for agriculture such as crop yield forecast or adapted cropping techniques to be used by project beneficiaries, also advice on crop rotation to ensure most productive and sustainable use.
4. Based on the soil surveys and data collected, formulate guidelines and specifications for the project's procurement department regarding optimal/balanced fertilizers required for distribution among the project beneficiaries.
5. Collaborate with the Training Specialist, technical staff and beneficiaries of the project for the management and conservation of soil; assist in management of water resources at the watershed level and providing related expertise to the FAO Irrigation Engineers in irrigation projects; promote soil and environment conservation based on assumption of risks and requirements.
6. Participate in the training of local staff and attend frequent training sessions at Training of Trainers/Farmer Field Schools for promoting balance fertilizer applications, green manure, compost making etc.
7. Assist the Training Specialist in managing the production and dissemination of information and in preparing training materials for the farmers of the project area.
8. Assist the Monitoring and Reporting officer in the day to day monitoring of agricultural interventions and completion of monthly project monitoring sheets.
9. Ensure the submission of weekly/monthly work plans and monthly, quarterly, annual and final progress reports.
10. Perform any other associated duties as required by the Project Manager or Area Coordinator

Note: -

- Candidates having experience in the FAO livelihoods, relief and emergency programme will be given preference.
- Female candidates are encouraged to apply.