



**Food and Agriculture Organization
of the United Nations**

CALL FOR EXPRESSIONS OF INTEREST

Contract duration: 75 days (NTE: 31 December 2016)

Vacancy No. IRC3403

Deadline for Applications: 16 June 2016

Tasks and responsibilities:

Purpose of the assignment

- Under overall supervision of the FAO Sub-regional Coordinator for Central Asia and FAO Representative in Turkey, technical guidance of the Lead Technical Officer, and in close cooperation with the National Project Coordinator and the project team (consultants and government staff), the **National Consultant for Methane Digester Technology** will perform the following tasks (including travel to project sites):
- Review the project document and implementation strategy, including the budget and relevant activities under Components 2 and 3 and prepare an inception report with work plan, methodology and tentative dates for field work to be conducted under the consultancy;
- Develop a feasibility study, investigating current practices and identifying high potential opportunities within pilot sites for investment incentives in methane capture infrastructure. This study will also demonstrate coordination and cooperation approaches for small/medium-sized methane producers to establish and operate economically feasible digesters for electricity generation from agricultural waste (e.g. sugar beet, maize, sunflower and manure from cattle breeding);
- Prepare technical specifications for digester equipment and contribute to the procurement processes;
- Assist in establishing and operating demonstrative interventions in the project area, particularly small-scale methane digesters;
- Provide support to existing methane digesters being tested or under construction in the project area;
- Draft a business plan using the feasibility study as a basis to describe investment requirements for methane capture under the project framework, including potential returns, operational approaches, decision-making frameworks, management responsibilities, and intended climate change mitigation benefits;
- Support development of 'Farmer Field School' (FFS) training material and modules for methane capture in close cooperation with the National Consultant for Extension and Capacity Development;
- Provide technical guidance to project team for achieving project outputs;
- Prepare terminal consultancy report, including main findings and recommendations;
- Carry out any other activities relevant to this assignment.

Expected Outputs:	Required Completion Date:
- Submit inception report	- Within two weeks after start of assignment
- Submit feasibility study for small/medium-sized methane producers	- Within one month after start of assignment
- Submit technical specifications for digester equipment	- Within two months after start of assignment
- Submit business plan	- Within three months after start of assignment
- Submit FFS training modules for methane capture	- Within four months after start of assignment
- Back to Office Reports	- Within one week after each mission
- Terminal consultancy report	- Within 15 days after end of assignment

Candidates should meet the following requirements:

Minimum Requirements

- University degree in engineering, agronomy, economy (with specialization in agriculture) or a related field;
- Minimum 5 years of working experience in methane/biogas production from crop and animal residues, methane digester technology and biogas development projects;
- Working knowledge of Turkish and English.

Selection criteria

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

Additional Information

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

All candidates should adhere to FAO values of Commitment to FAO, Respect for All and Integrity and Transparency.

How to apply

All applications are to be made through FAO's [iRecruitment](#) system. Click on the link below to access [iRecruitment](#), complete your online profile and apply for this Call for Expression of Interest.

<http://www.fao.org/employment/irecruitment-access/en/>

In order for your application to be properly evaluated, please ensure that all sections of your iRecruitment account are completed. Incomplete applications will not be evaluated.

If you need help, or have queries, please contact: iRecruitment@fao.org