

# Request of Expressions of Interest (Consultant Services)

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Country: Uzbekistan

Tashkent Institute of Irrigation and Agricultural Mechanization Engineers

Project title: Enhancement of agricultural engineering programs by using innovative techniques employed in foreign universities

Project ID # AIF 2/16

### INTERNATIONAL CONSULTING SERVICES

The Tashkent Institute of Irrigation and Agricultural Mechanization Engineers (TIAME) has received a grant from Academic Innovation Fund under the World Bank-financed Modernizing Higher Education Project toward the cost of the "Enhancement of agricultural engineering programs by using innovative techniques employed in foreign universities", and intends to apply part of the proceeds for international consultant services.

The services include providing weeklong (Monday-Friday) training for faculty and graduate students of Agricultural Mechanization facultet (3 teaching hours per day for 16-20 trainees) on following new courses of undergraduate major "Application innovative techniques and technologies in agriculture":

- Principles and Tools of Precision Agriculture including topics in basic knowledge about precision agriculture, GPS, GIS, unmanned aerial vehicles (UAV), sensors, yield monitoring systems, variable rate technology and equipment, auto guidance systems, economics and future trends of precision agriculture
- Data Management in Precision Agriculture including topics in importance and demand for data management, sensed data from crop, soil and yield monitoring sensors, data mining, data sources and acquisition, data storage, data analysis, interpretation and applications, data transfers and compatibility, issues with present data management

Courses should be taught during two weeks between November 1, 2019 - March 1, 2020.

The TIAME now invites eligible international consultants to indicate their interest in providing the services. Activities expected by the Consultant will include but not be limited to the following:

- Preparation syllabuses of the courses and presentation materials
- Travel to Uzbekistan/TIAME for 2 weeks to delivery training
- Provide advice to project team on the courses after end of training

Interested consultants must provide information indicating that they are qualified to perform the services (brochures, description of similar assignments, experience in similar conditions, availability of appropriate skills, etc.). Consultants may associate to enhance their qualifications.

A consultant will be selected in accordance with the procedures set out in the World Bank's Guidelines: Selection and Employment of Consultants by World Bank Borrowers (current edition).

Interested candidates may obtain further information by e-mail.

Expressions of interest must be sent to the address below by October 15, 2019

TIAME, Building V, room V-306

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