

## Aga Khan Foundation, Afghanistan

### Job Opportunities

---

Position Title	: Feasibility Study of Khwahan Irrigation Canal
Duty Station	: Khwahan District/Badakhshan
Announcing Date	: June 5 <sup>th</sup> , 2017
Closing Date	: July 5 <sup>th</sup> , 2017
Vacancy No	: CS/KBL/06/17/036

---

The Aga Khan Foundation (AKF) is a non-denominational international development agency established in 1967 by His Highness the Aga Khan. Its mission is to develop and promote creative solutions to problems that impede social development, primarily in Asia and East Africa. Created as a private, non-profit foundation under Swiss law, it has branches and independent affiliates in 19 countries.

AKF seeks to provide sustainable solutions to long-term problems of poverty, hunger, illiteracy, and ill health. In Afghanistan, AKF works with rural communities in mountainous, remote or resource poor areas to improve quality of life in the areas of natural resource management, market development, governance, education and health.

The Aga Khan Foundation, Afghanistan (AKF (Afg)) is an agency of the Aga Khan Development Network (AKDN), a group of international, private, non-denominational development agencies working to improve living conditions and opportunities for people in some of the poorest parts of the developing world. The Network's organizations have individual mandates that range from the fields of health and education to architecture, rural development and promotion of private-sector enterprise and institutions that seek to empower communities and individuals, usually in disadvantaged circumstances, to improve living conditions and opportunities.

Aga Khan Foundation Afghanistan seeks letter of interest from qualified engineering company for feasibility study (technical and socio-economic) of Khwahan Irrigation Canal in Khwahan District (Khwahan District is one of the 28 districts of Badakhshan Province, Located in northeastern Afghanistan. The district capital is Khwahan. The total population of the district is approximately 35,000, residents. This district borders with the districts Raghistan to the South West, in the North East with Kuf Ab, and in the North West with Panj River and District Shuro-obod Khatlon Province, Tajikistan. Kuh-e kallat) of Badakhshan Province having canal length about 15 – 18 km. and command area around 5000 Hectors. The Source of the water for the proposed canal is considered to be Ish Hab source. The source is a result of melting snow, or ice and provides approximately 5-11 cubic meter of water depending upon the seasonal climate.

#### **Objective and scope of consultancy:**

##### **The Feasibility Study has the following main objectives;**

1. To provide an assessment of the economic, financial, technical, social and environmental viability of the identified irrigation scheme. Including an assessment of current situation of marketing arrangements, crop production and the infrastructure and proposed options. If any, for improvement of each of area, as well as cost benefits analysis.
2. To prepare a feasibility Report for the proposed irrigation scheme.
3. To conduct a Stakeholders Meeting to disclose project's objectives and approach and farmer's attitude and willingness to act as partners for sustainability of the relationship.

##### **The selected consultancy is expected to provide the following assessments:**

- Agriculture development
- Irrigation infrastructure Engineering
- Environmental and social Impact Assessment
- Social Dimensions
- Other Infrastructure requirements
- Institutional framework for the Agriculture and Irrigation Water Management
- Economic and financial Analysis
- Tentative cost of the projects and benefits estimates

## **Duration of the Assignment:**

The assignment will be the lump sum contract for the all the scope of the works mentioned above. The overall duration of the assignment will be 3 months (three months maximum).

## **Required Qualification and Experience:**

The consultancy company is expected to have the following experience:

General experience: At least 5 years in the field of feasibility study or relevant assessment.

Specific Experience: At least 3 similar assessments conducted in the field of agriculture and Irrigation scheme.

The proposed team composition and qualification is presented below:

### **1. Irrigation Engineer/Civil Engineer – Team Leader**

- A university degree in Irrigation/Civil Engineering with at least 10 years of work experience in design and construction of public infrastructure (e.g. roads, bridges, irrigation/water supply schemes etc.) preferably for development projects/agencies/institutions.
- Experience in leading multidisciplinary teams for the development of water management and irrigation projects
- The Irrigation/civil engineer shall have experience in irrigation and hydraulic structures, including knowledge planning, designing and costing of irrigation and drainage projects. Knowledge of aspects related to irrigation requirements of various crops and cropping patterns is required,
- Good knowledge of construction norms and regulations in Afghanistan.
- Experience in carrying out engineering cost estimates based on current market prices.
- Demonstrated analytical and interpersonal skills, ability to think and act strategically, multi-task and meet deadlines.
- Excellent report skills.

### **2. Economist/Agro-economist Expert**

- A university degree in economics, marketing, business management of related field with at least five years of work experience in feasibility development investment researches/studies, preferably for development projects/agencies/institutions.
- Economists shall have experience in project evaluation of water resources and agriculture development projects. The Expert shall have experience in financial analysis of crop production and marketing and the analysis of short and medium term credit needs and availability
- Good knowledge of development issues in rural area of Afghanistan, especially related to business, marketing and agriculture development investment aspects.
- Experience in carrying out preparation of economic assessment reports and studies and making recommendations for development actions/interventions.
- Demonstrated analytical and interpersonal skills, ability to think and act strategically, multi-task and meet deadlines.

### **3. Agriculturist/Agronomist**

- A university degree in Agriculture with at least five years of work experience in farming systems development, crop production and crop yield response to water and farm economics for crops.
- The expert shall have experience in conducting field rapid rural appraisals and have particular experience and a good knowledge of farming conditions in the country and construction of small scale public. Work experience in irrigated agriculture, crop water requirement is necessary.
- Good knowledge of crop budget elaboration and norms and regulations in Georgia.
- Demonstrated analytical and interpersonal skills, ability to think and act strategically, multi-task and meet deadlines.

#### 4. Hydrologist/Water Resources Expert

- A University degree in hydraulic and hydrology with at least five years of work experience in water resources management and hydraulic structures development.
- The Hydrologist shall have experience in water resources development planning and studies of rainfall, flows, floods, irrigation, crop water requirements and sediment.
- Technical expertise in water-use efficiency, with experience working in the agriculture water-use sector;
- Experience in carrying out comprehensive water resources analysis of a specific water mobilization and distribution system including various water mobilization structures and multiple users,
- Demonstrated analytical and interpersonal skills, ability to think and act strategically, multi-task and meet deadlines.

#### 5. Agricultural marketing specialist

- Practical knowledge of the broad range of fruits and vegetables marketing functions and activities, such as assembling, processing, distribution, regulation, inspection, standardizing, storage, transportation and financing;
- At least 5-year experience in producer group development processes, private sector engagement and establishment of effective market linkages;
- Advanced degree in agricultural marketing, agricultural business or agricultural economics;
- Strong analytical skills with experience in presenting high quality reports.

#### 6. Rural Sociologist

- A university degree in economics, agriculture, social sciences or closely related discipline
- At least five years of experience in undertaking baseline surveys
- Proven communication skills
- Excellent analytical, report writing

4. Additional Required Expertise: The additional Experts that The Consultant may consider are needed should have University Degree with a minimum of 5-year experience.

**Interested companies are expected to submit the following documents along with the letter of interest:**

- Cover letter
- Company's profile along with detail contact address, list of description of the conducted projects/ assignment specifying name of the client and contract value
- CV's of the personals proposed for the pre-feasibility study
- Methodology of assessment ( technical and socio-economic)
- Price proposal: it shall be lump sum total amount for the overall scope of the works.

The Consultant will be selected based on the "Quality and Cost based Selection (QCBS)" and having experience in Afghanistan context will be an advantage.

Please note that Aga Khan Foundation Afghanistan has right to withdraw from this process at any stage without any obligation/expense incurred by participants.

**Application:**

Individuals or research institutions meeting the above requirements are requested to submit a technical and cost proposal to [Jobs.afghanistan@akdn.org](mailto:Jobs.afghanistan@akdn.org) no later than **July 05, 2017** or submit hard copy to AKF, National Programme Office House No 41 Street No. 2, Qala-e-Fatiullah, Kabul, Afghanistan.

**Important Notes:**

Please quote the Vacancy Number as the Subject of the e-mail when sending your application. Supporting documents, e.g. diplomas, recommendation letters, identification card(s) etc., are not required at this stage, therefore not to be sent along with the application.

Only short listed candidates will be contacted for further assessment.

Aga Khan Foundation – Afghanistan is an equal opportunities employer. Women are encouraged to apply.

Aga Khan Foundation – Afghanistan recruitment and selection procedures reflect our commitment to the safeguarding of children from abuse.