Position Title: Convert Local IDMS to Web Based Database
No of Position: 01
Duty Station: Kabul
Announcing Date: 24/09/2023
Closing Date: 01/10/2023
Vacancy Number: CS/KBL/08/23/076

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.

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.

1. Rationale

AKF Afghanistan (AKF-A)'s Monitoring, Evaluation, Research and Learning (MERL) Unit is looking for an experienced and qualified individual consultant (hereafter referred to as "Consultant") to Program, streamline and make online the Integrated Data Management System (IDMS) and training AKF's MERL team on online/web-based data management system. The MERL unit has already developed the fundamental structure of the required IDMS and would like to further expand the existing system into a more user-friendly and online/web-based system.

The MERL unit within AKF-A plays a pivotal role as the main source of reliable and quality data and information provider to multi sector-based development and humanitarian projects both at output and outcome levels. Such data and information are provided both by the MERL team and sector' MIS on regular basis not only to inform quality program delivery but also to support the new opportunities through the provision of up-to- date data and information. During the last six months, MERL IDMS Coordinator has been able to develop the back-end platform of the system using Microsoft Access and Structured Query Language (SQL). To have a comprehensive web-based and online user-friendly, self-reliable and functional front-end system with multiple pre-defined benchmarks; MERL is looking for a qualified and competent individual in the field of local and web- based database system development.

2. Objective

The overall objective of this assignment is to Review the current IDMS which is developed in MS Access and convert it into web-based database. The specific objectives are:
- To assess and identify the areas of required technical support within the existing developed version of the database in close coordination and consultation of IDMS Coordinator as part of on-the-job training.
- To train the IDMS Coordinator and jointly develop and apply the required set of procedures and systems as part of multi-layer web-based online adaptable and accessible system.
- To finalize and test the applied upgrades of existing data management system through on-the-job training

and mentorship.

- To set the overall administrative system procedures dedicatedly to IDMS Coordinator through comprehensive mentorship and training, so that the future system updates and maintenance are independently taken over by the IDMS Coordinator.

3. Main duties and responsibilities

- Review all the tables, forms, and reporting system of current database.
- On job training for IDMS Coordinator and jointly develop the web-based IDMS with support of consultant.
- Developing dashboard based on requirement of donor, sectors and other stakeholders which are using the IDMS.
- User accessibility: accessibility of more than 100 users at the same time.
- Troubleshooting: Apart from development of web-based databases, the consulting firm will provide ongoing backup support and troubleshooting services for 3 months after hand overing the system.
- Link the current database from SQL server with the web-based database.

4. Work Location (s)

The Database developer can work both on-side and remotely. For some tasks, the consultant must come to the office and directly collaborate with IDMS coordinator and ensure that it is going well. In addition, for other tasks in which the consultant presence is not a must, he/she can work remotely through video conferencing, email, and other online tools.

5. Key Deliverables

Progress towards achieving each task during the contract will be monitored on a regular basis and with reference to a clear set of deliverables, including, where needed/applicable:

- On-the-job training for IDMS Coordinator.
- Database Entity-Relationship Diagram.
- The source codes of the application (ASP.net, HTML & CSS, PHP, or any other used language).
- The Technical documentation includes the installation documentation and the detailed application specifications document.
- All necessary software to maintain the sites where the software has been installed and all related passwords.
- The administrator profile and any related password to the database or source code or online host/website related to the software.

6. Qualifications Required

- Education: University Degree in Information Technology or related field.
- Experience: At least 7 years of experience in designing, developing, and maintaining web-based databases and mobile/tablet.
- Experience and knowledge of various web programs (PHP, MS SQL, SQL Server, and web hosting).

7. Timeline / Work Plan

The Project starts from 10/10/2023 and ends 25/12/2023. The consultant must schedule the number of days to complete/handover the web-database to the AKF Organization within the allocated time.

8. Reporting Line

The consultant should provide regular progress updates and reports to the IDMS coordinator, MERL lead and IT manager on IDMS development and progress.

9. Additional Significant Information

- Intellectual property rights: The consultant is required to transfer the intellectual property rights for the developed database to the AKF Afghanistan organization upon completion of the consultancy.

- Confidentiality and non-disclosure: The consultant is required to sign a confidentiality and non-disclosure agreement to protect the organization's confidential information and data.
- Reporting requirements: The consultant is required to provide regular progress reports to the AKF organization to ensure that the consultancy is on track.
- Quality assurance: The consultant is required to provide a quality assurance plan to ensure that the developed database meets the organization's requirements and standards.
- Conflict of interest: The consultant may be required to disclose any potential conflict of interest that may arise during the consultancy. The organization may also have a policy on conflict of interest that the consultant must adhere to.
- Termination and cancellation: If the database is not developed based on assigned objectives/tasks, AKF Afghanistan has the right to do the termination/cancellation of the contract.

Application

Interested firms or individual should submit their proposal to Jobs.Afghanistan@akdn.org no later than 01st October 2023. For more technical information and query please contact Mr. Aimal Ahmadzai at: Aimal.Ahmadzai@akdn.org on or before the cutoff date.

Important Points:
- Please quote the Vacancy Number as the Subject of the e-mail when applying.
- Please submit the resume of the responsible individual along with the company license when applying.
- Only shortlisted proposals will be contacted for further assessment.

Aga Khan Foundation Afghanistan recruitment and selection procedures reflect our commitment to equal opportunity and safeguarding of children, beneficiaries, partners, community members and employees in accordance with AKF(Afg)'s safeguarding policy. Female candidates are encouraged to apply.

Your details and information shared in this advertisement shall remain confidential.