

Sindh Capacity Development Project

Request for Expression of Interest (EOI)

Design, Development & Maintenance of Mobile Application for Monitoring through technology by School Management Committees (SMCs)

Deloitte Yousuf Adil, Chartered Accountants (Deloitte Pakistan) is contractor for USAID on Sindh Capacity Development Project (SCDP), a USAID three-year project that will support the sustainability of the Sindh Basic Education Program (SBEP). This will be done by ensuring stronger governance and improved public accountability in the education sector through systems building and institutional strengthening of Program Management and Implementation Unit (PMIU) and Education and Literacy Department (E&LD) of the Government of Sindh

Deloitte Pakistan invites Expression of Interest (EOI) from Individuals, Registered companies /firms/software houses to design, develop and maintain a user-friendly Android based Mobile Application in order to build capacity of School Management Committees (SMCs) to conduct monitoring through technology at district level. It is required to submit detail proposal for the above assignment, as per the brief contained in the terms of reference (ToR) not later than July 15, 2017. Any response received after this time will not be considered.

Background and objectives

SCDP is tasked to provide technology based trainings on tech-e-governance to members of SMCs of 106 schools being constructed by SBEP, for monitoring and reporting during the life of the project. SCDP has to develop one Android software aligned to Sindh School Monitoring System (SSMS), DG M&E systems and indicators as well as that of SBEP that could be used by the SMCs for real time monitoring and reporting. All selected SMCs of 106 schools would be provided a tablet/smart phone for the designed and tested android application.

Scope of Work

The assignment aims to develop mobile application which can be easily utilized by the members of School Management Committees (SMCs) of 106 schools from 7 districts of Sindh and 5 towns of Karachi.

The specific objectives of the assignment are:

- To design and develop mobile application in English, Sindhi and Urdu on Android operating system, to be preferably made with similar functionalities or build upon Kobo Toolbox application.
- To work directly with SCDP M&E Team in order to meet specific requirements for the application
- To define and develop the app's initial development in order to make necessary improvements i.e. editing and proof reading of the application content prior to the pilot testing
- To conduct pilot testing of developed android application with the sample of selected SMCs, both rural and urban
- Finalization of the Android application/tools and its backend technical details
- To prepare guidelines/Instruction manual for operating the Android Application in English
- To train the designated staff of SCDP on Android Application Operating System

- To facilitate training of School Management Committees (SMCs) of 106 schools from 7 districts of Sindh and 5 towns of Karachi.

Requirements

The work assignment for the individual contractor is as follows:

1. The mobile platform should be accessible on Android both phone and tablet versions
2. The application's interface will be designed for English, Urdu and Sindhi languages
3. Up-to-date data should be linked with Sindh School Monitoring System (SSMS)

Qualifications and Competencies

- The individual/firm/consultant should have at least 5 years of experience in creating and maintaining very professionally and exceptionally creative mobile applications with a proven record of innovation in the mobile platform and application field.
- Excellent I.T. skills and project management skills.
- Ability to respond quickly to the maintenance requirement in the post commissioning phase.
- Awareness on the latest smart technologies for mobile application.
- Ability to regularly maintain, update a mobile application.

Duration of contract

The individual contractor will work:

- 30 days from the beginning of the contract for application development
- 15 days testing
- 15 days for training of 240 members of School Management Committees (SMCs)

Duty Station or Location of Assignment

The individual contractor will work in Karachi.

Travel

All travel to rural and urban areas will be covered including testing sites by Deloitte SCDP

Fee and payment schedule

The contractor will be paid the amount through the following milestones achieved:

- Workplan delivered regarding the development of the Android, field testing and selected training.
- The Schedule will be:
 - 10% after the submission of the workplan including documentation of what has been achieved already with SSMS and how this android will build on the same system with integration

- 30% after the application of the android has been completed, field testing and detailed guidelines written on use, including training material prepared, reviewed by SCDP, and submission of source files and technical requirements. This involves establishing the database at PMIU for the application.
- 30% after completion of sample training –for demonstration and final report.
- 30% divided evenly in the training sessions for remainder of the SMC members