

Tender Notice of Android & Web Application

Interested firms are requested to submit separate quotation for each component (any one or all) latest by 12th December, 2016.

1. Tab/mobile as well as web application for the use of District Education Department for Monitoring and Evaluation purpose with reporting module.
2. Quality of education (Learning Level) Research report in target Union Councils of Muzaffargarh
3. IT Equipment i.e Tablets, Computers and printer
TORs/Details are given on our web site

<http://itacec.org/Tenders> or visit our office 70-B/1, Gulberg III,
Lahore: Ph (042) 35711107-08

- **All participating firms are instructed to submit sealed quotation with complete profile, detail of similar previous work and NTN number.**
- You can coordinate with MrQazilhsan (Provincial Coordinator) on the above mention numbers and the details

1. Tab/mobile as well as web application for the use of District Education Department for Monitoring and Evaluation purpose with reporting module.

District govt. will be more strengthen by this digitization to keeping track and monitor the education performance at school level through Tablets online entry system

An easy to use APP for surveyors, out of school children, students of Class 1 to 8/10 and government officials, who will make this part of their routine monitoring.

- i. Surveyors will collect the data from selected locations of district Muzaffargarh, Punjab.
 - ii. There should be centralized database so that main administration get the complete information.
 - iii. Surveyors will assess the enrollment tracking, infrastructural improvement, and education performance and student ability by the tools provided in application.
 - iv. Consolidate information from schools and students.
 - v. Close coordination with ITA and District Education Department
- a) Need assessment survey
- a. Meeting with District Education Department (DED)
 - b. Share the framework/Scope in light of the tools and Scope of work provided DED.
- b) Tab/mobile Androidbase (support 3" to 10" screen display) application including web base application, which will contain following listed basic modules:
- USER administration
 - School monitoring including, infrastructure, attendance, head count, funds, furniture, etc
 - School Performance i.e enrollment tracking, education performance
 - Class room observation/Monitoring
 - Teachers / staff management
 - SC/SMC meeting and fund
 - Learning assessment
 - Survey + Assessment (Learning Levels)
 - Other information provided by the District Education Department
 - Reporting
 - All data to be time stamped and location stamped
 - Enter Data verification
 - Data synchronization
 - Registration on App store
 - Other module define in the scope of work
- c) Website administration + Reporting
- a. User management
 - b. Data entry and management
 - c. Data verification
 - d. Backup
 - e. Reports Viewand printing (with different level of filters / sorting)
 - f. Data / reports export and import
 - g. Emails
 - h. Website registration and hosting

- d) Data/ Application Backup
- e) Quality assurance and Testing
- f) Piloting the application
- g) Finalize the Application as per need to DED
- h) Software Manuals (App and website)
- i) User Help and Manuals
- j) Training to Govt official (15-18) on use of applications and data management.
- k) Technical Support will be required after fully deployment of both of the Applications

Time duration : 15th December 2016 to 20th February 2017

Location :Muzaffargarh – Punjab

2. Quality of education (Learning Level) Research report in target Union Councils of Muzaffargarh

- a) Integration of OGB's urban program for display of research information and software generated reports
- b) Design survey, and framework as per specification
- c) Develop Tools and share for approval
- d) Piloting the Tools and survey form and share the report
- e) Conduct Baseline Survey
 - School monitoring including, infrastructure, attendance, head count, funds, furniture
 - Learning Assessment of Target school students.
- f) Prepare draft report and share
- g) Develop Tools for 2nd survey (End line) and share for approval
- h) Conduct 2nd survey and share findings
- i) Prepare the final report with baseline and end line survey comparison including background, secondary data analysis, finding and recommendations
- j) Time duration : 20th December 2016 to 20th February 2017
- k) Location : Muzaffargarh – Punjab

3. IT Equipment i.e Tablets, Computer and printer

S/N	Description	Quantity
1	Tablet	8
2	Computer	2
3	Printer	1

1. Tablet Specifications

Model	Huawei Media Pad T1 8.0
RAM	1 GB
Storage	16 GB, SD Card (32 GB) Supported
CPU	Quad Core 1.2GHz
Display Size	8" Screen
OS	Android 4.3
Network Supported	GSM, 3G
Color	White

2. Computer System Specification

a) Data entry:

Model	Dell Optiplex 755
RAM	4GB
Hard Disk	320 GB HD SATA
CPU/Processor	Core 2 Duo 2.4 GHz
Optical Drive	Super Drive
Casing	Desktop
LCD	17" DELL
Keyboard	Dell Smarty
Mouse	A 4 Tech OP-620D
OS	Microsoft Windows 7

b) Monitoring (Administrator)

Model	Dell Optiplex 3020 MT
RAM	8GB
Hard Disk	500 GB HD SATA
CPU/Processor	Core 2 Duo 3.20GHz upto 3.60 GHz
Optical Drive	Super Drive
Casing	Desktop
LCD	17" DELL
Keyboard	Dell Smarty
Mouse	A 4 Tech OP-620D
OS	As per Administrator Requirement

3. Printer

HP Laser jet MFP M125a.

