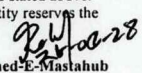


**EXPRESSION OF INTEREST (EOI) (NATIONAL FIRM)**

Project Planning
Information Systems Division
Parishankhyan Bureau of Statistics (BBS)
Project Director, Citizen Perception Survey (CPS) Project, BBS
Development of Mobile Application (CAPI System) and Web Application for Data Collection, Supervision & Monitoring, Data Management, Data Processing, Data Analysis and Reporting of 'Citizen Perception Survey (CPS) Project'.
(Consultation) Firm for Development of Mobile App, Web Application and related services For Citizen Perception Survey (CPS) and Reporting services.
Phone: 02-403.07.029.24-315
2024
Least Cost Based Selection (QCBS)
Annual Budget, Government of Bangladesh (GoB).
Project Name: Citizen Perception Survey (CPS) Project
Submitted by: 1:00 pm of 12 June, 2024 to the Project Director, Citizen Perception Survey (CPS) Project, Parishankhyan Bhaban, 9 <sup>th</sup> Floor, E-27/A Agargaon, Dhaka-1207 in sealed envelope with marked 'Expression of Interest'.
Subject: Web Application for Citizen Perception Survey (CPS):
Mobile Application (CAPI System) for Data Collection, Supervision and Monitoring for Survey using RDBMS. The interface should be user friendly. Must adhere to platform specific UI standards. It should have a login facility. Based on the logged in user's permission, Application components will be available to the user. It should have access control and be protected by user id and password. It should use the GPS location of each enumerated household using the Application; It should convert the particular Questionnaire form into his/her TAB using the applications. It should collect data both in online and offline with the facility of sending offline data when the TAB is online. It should collect forms in offline mode and if required, edit/ update the collected data. It should have options for some questionnaires and also mandatory fill-up features for some questionnaires. It should be ensured and added question panel for adding a set of questions. It should be displayed by modules in the application which must be displayed on the screen one by one/ chronologically with swapping.
Mobile Applications (up-to-date version) for managing, monitoring and decision-making for survey data. It should show the progress of filling up the questionnaire during data collection. It should be in the application for different level of users with some graphical and different features of smart analysis. Each household is fully completed, the data will be stored in encrypted format in the TAB and after confirmation, a copy will be sent to the server.
It should support diverse types of household questions like image, short/ long text, Geo-location (GPS enabled with internet connectivity), multiple choice including provisions for mandatory or optional question, and so on. It should synchronize CAPI data with the server-based web application on the availability of the internet connectivity. It should have an internal notification system to send and receive notification from Project Office.
Mobile Application for Data Collection, Supervision & Monitoring, Data Management, Data Processing and Reporting of Survey. The interface should be user friendly with easy to access dashboard. It should have a light and rich client-side scripting. The application should be fully responsive. It should be centralized, web-based solution and support cross browser platform (Chrome, Internet Explorer/ Microsoft Edge, Firefox, Safari).
It should be open source to avoid any license purchase and Back-end central database should be Oracle or SQL Server. It should have authentication and central user access control system to multilevel user creation and privilege set-up options by system administrator.
It should be designed for different level of users with some graphical and different features of smart analysis. It should have user registration and geo-code management and must have data analysis functionality. It should have data collection with the multiple supervision levels. It should have related dynamic charts and information will be displayed with download facilities in the supervision dashboard according to the user's requirement.
It should have the facility to view data collection report (e.g. data collector wise report, date/ month/ year wise report, error wise report, area wise report, incomplete report etc.) via map and grid-based view etc. It should have the facility to zoom in/out from the Map against a specific data collector for a specific area. It should have the facility to zoom in/out the map by reviewing data set's GPS coordinates. It should have the facility to zoom in/out from the system. It should have the facility to send notification to specific/ all data collectors and receive notification. It should have the facility to view the survey data and will also be able to give feedback so that the data collector can update the data. It should have the facility to have a duplicate data finding feature. It should have the facility to edit feature with data validation logic same as mobile application. It should have the facility to have the requirements of web application according to the project authority for the successful implementation of the project.
It should have the facility to view the server by users, can control, create, edit or delete users of the application and their access, can generate and view data collection report etc. It should have the facility to be incorporated to oversee the submitted data within their jurisdiction.
It should be hosted on the independent platform.
It should support the following type of data, like-single choice; multiple choice; geo location; image; normal text; live date and time etc.
The contractor should be a legal entity (Updated Trade License, VAT, Tax Clearance Certificate) for working in Bangladesh for at least 10 years. It should have 05 (five) years' sound experiences in development and management of mobile application in the local context. It should have 05 (five) years' sound experiences in development and management of web-based applications integrated with Oracle/ SQL Server in the local context. It should have 05 (five) years' sound experiences in delivering at least 05 (five) similar type of system development for statistical survey data collection for Bangladesh. It should have a successful implementation of the system to rollout at least 05 (five) nation-wide statistical survey data collection project. It should be a government/ autonomous body with a completion certificate. It should have a sound experience in 64 districts at a time with skilled IT professional with any Government Organization. It should have experts capable in design and develop a secure and standardize Web Application and CAPI system as well as data backup, data management. It should have a contract value of at least TK 60 lac. It should be a member of Bangladesh Association of Software and Information Services (BASIS). It should have been established for at least 03 (Three) years by a renowned chartered firm.
The contractor shall maintain confidentiality of the data captured by the information system and shall not share the same with any purpose without explicit request from competent BBS authority.
Non-Disclosure Agreement: The Parties shall conclude a mutual non-disclosure agreement (NDA) in order to determine the details of confidentiality obligations.
The contractor will be selected by using the standard document of complex lump sum contract issued by CPTU of planning and monitoring of GoB. It is expected that the services will be required up to June 2025 (approx).
Project Director Citizen Perception Survey (CPS) Project, Bangladesh Bureau of Statistics, Parishankhyan Bhaban (Level-9, Block-1), E27/A Agargaon, Dhaka-1207.
Phone: +88 02 55007003; Email: pd.cps2023@gmail.com
<a href="http://www.bbs.gov.bd">www.bbs.gov.bd</a>

Contractors who are qualified to perform the services, details of experiences and required qualifications stated above. The Terms of Reference (ToR) can be downloaded from the website: [www.sid.bd.com](http://www.sid.bd.com) or [www.bbs.gov.bd](http://www.bbs.gov.bd) The procuring entity reserves the right to reject any or all bids without assigning any cause.

  
Rashed-E-Mastahub  
Project Director