

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

Planning
and Informatics Division
Bangladesh Bureau of Statistics (BBS)
Project Director, Citizen Perception Survey (CPS) Project, BBS
nt of Mobile Application (CAPI System) and Web Application for Data Collection, Supervision & Monitoring, Data Management Development, 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 ply services.
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nd Cost Based Selection (QCBS)
ent Budget, Government of Bangladesh (GoB).
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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, 9th Floor, Block-1, E-27/A Agargaon, Dhaka-1207 in sealed envelope with marked 'Expression of Interest'.
Web Application for Citizen Perception Survey (CPS):
Application (CAPI System) for Data Collection, Supervision and Monitoring for Survey using RDBMS. User interface should be user friendly. Must adhere to platform specific UI standards. User should have a login facility. Based on the logged in user's permission, Application components will be available to the user. User should have access control and be protected by user id and password. The GPS location of each enumerated household using the Application; The particular Questionnaire form into his/her TAB using the applications. Data both in online and offline with the facility of sending offline data when the TAB is online. Collected forms in offline mode and if required, edit/ update the collected data. 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 is 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 is in the application for different level of users with some graphical and different features of smart analysis. Once each household is fully completed, the data will be stored in encrypted format in the TAB and after confirmation, a copy will be generated. It should support diverse types of household questions like image, short/ long text, Geo-location (GPS enabled with 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. An internal notification system to send and receive notification from Project Office.
Application for Data Collection, Supervision & Monitoring, Data Management, Data Processing and Reporting of Survey. User friendly with easy to access dashboard. Light weight and rich client-side scripting. Application should be fully responsive. Centralized, web-based solution and support cross browser platform (Chrome, Internet Explorer/ Microsoft Edge, Firefox, Safari etc.). 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 user friendly for different level of users with some graphical and different features of smart analysis. It should have data registration and geo-code management and must have data analysis functionality. It should have 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 authority. It should have data collection report (e.g. data collector wise report, date/ month/ year wise report, error wise report, area wise report etc.) via map and grid-based view etc. It should have report from the Map against a specific data collector for a specific area. It should have the map by reviewing data set's GPS coordinates. It should have the facility from the system. It should have the ability to send notification to specific/ all data collectors and receive notification. It should have the ability to view the survey data and will also be able to give feedback so that the data collector can update. It should have the facility of redundant data finding feature. It should have the facility of edit feature with data validation logic same as mobile application. It should have the requirements of web application according to the project authority for the successful implementation of the project. It should have the ability to connect to 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 authority to incorporate to oversee the submitted data within their jurisdiction. It should have the ability to work on the independent platform. It should have the ability to store multiple type of data, like-single choice; multiple choice; geo location; image; normal text; live date and time etc. It should have the ability to work on legal entity (Updated Trade License, VAT, Tax Clearance Certificate) for working in Bangladesh for at least 10 years. It should have the ability to work on 5 (five) years' sound experiences in development and management of mobile application in the local context. It should have the ability to work on 5 (five) years' sound experiences in development and management of web-based applications integrated with Oracle/ SQL Server in the local context. It should have the ability to work on in delivering at least 05 (five) similar type of system development for statistical survey data collection for Bangladesh Government. It should have the ability to work on successful implementation of the system to rollout at least 05 (five) nation-wide statistical survey data collection project in the local context. It should have the ability to work on Government/ autonomous body with a completion certificate. It should have the ability to work on providing experience in 64 districts at a time with skilled IT professional with any Government Organization. It should have the ability to work on experts capable in design and develop a secure and standardize Web Application and CAPI system as well as data backup, data recovery and data control management. It should have the ability to work on data line certificate for at least TK 60 lac. It should have the ability to work on Bangladesh Association of Software and Information Services (BASIS). It should have the ability to work on the last 03 (Three) years by a renowned chartered firm.
Provider 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 the non-disclosure obligations.
Procuring firm will be selected by using the standard document of complex lump sum contract issued by CPTU of planning and development authority of GoB. It is expected that the services will be required up to June 2025 (aprox).
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It is mentioned that they are qualified to perform the services, details of experiences and required qualifications stated above. (ToR) downloading from the website: <a href="http://www.sid.bd.com">www.sid.bd.com</a> or <a href="http://www.bbs.gov.bd">www.bbs.gov.bd</a> The procuring entity reserves the right to accept or reject any proposal.

*Rashed-E-Mastahub*  
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