

গণপ্রজাতন্ত্রী বাংলাদেশ সরকার  
বাংলাদেশ পরিসংখ্যান ব্যুরো  
স্যাম্পল ভাইটাল রেজিস্ট্রেশন সিস্টেম (এসভিআরএস) ইন ডিজিটাল প্ল্যাটফর্ম প্রকল্প  
পরিসংখ্যান ভবন (৭ম তলা, ব্লক-১), ই-২৭/এ আগারগাঁও, ঢাকা-১২০৭।  
[www.bbs.gov.bd](http://www.bbs.gov.bd)

নং- ৫২.০১.০০০০.৫০৩.৯৯.০২৯.২২.১১৩

তারিখঃ ২৪ ফাল্গুন ১৪২৯  
০৯ মার্চ ২০২৩

বিষয়: সফটওয়্যার উন্নয়নের লক্ষ্যে পরামর্শক প্রতিষ্ঠান প্রকিউরমেন্ট সংক্রান্ত আগ্রহ ব্যক্তকরণ (EOI) বিজ্ঞপ্তি প্রকাশ।

উপর্যুক্ত বিষয়ের পরিপ্রেক্ষিতে বাংলাদেশ পরিসংখ্যান ব্যুরো কর্তৃক বাস্তবায়নাধীন 'স্যাম্পল ভাইটাল রেজিস্ট্রেশন সিস্টেম (এসভিআরএস) ইন ডিজিটাল প্ল্যাটফর্ম' প্রকল্পের সফটওয়্যার উন্নয়নের লক্ষ্যে পরামর্শক প্রতিষ্ঠান প্রকিউরমেন্ট সংক্রান্ত আগ্রহ ব্যক্তকরণ (EOI) বিজ্ঞপ্তি আপনার পত্রিকায় আগামী ১০/০৩/২০২৩ খ্রি. তারিখে ৩ কলাম x ৯ ইঞ্চি সাইজে প্রতিটি সংস্করণে প্রকাশের ব্যবস্থা গ্রহণক্রমে প্রকল্প দপ্তরকে যথাসময়ে অবহিত করার জন্য বিশেষভাবে অনুরোধ করা হলো।

সংযুক্ত: বিজ্ঞপ্তি'র অনুলিপি ০১ (এক) কপি।



মো. আলমগীর হোসেন

প্রকল্প পরিচালক

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ইমেইল: [pd.svrs@bbs.gov.bd](mailto:pd.svrs@bbs.gov.bd)

বিতরণ:

- ১। বিজ্ঞাপন ম্যানেজার, দৈনিক ইত্তেফাক, ৪০, কাওরান বাজার, ঢাকা-১২০৫।
- ২। বিজ্ঞাপন ম্যানেজার, The New Nation, 1 RK Mission Road, Dhaka-1203.

অনুলিপি (সদয় কার্যার্থে/জ্ঞাতার্থে):


- ১। মহাপরিচালক, সেন্ট্রাল প্রকিউরমেন্ট টেকনিক্যাল ইউনিট (সিপিটিইউ), শেরে বাংলা নগর, ঢাকা।
- ২। পরিচালক, এফএ অ্যান্ড এমআইএস, বিবিএস, আগারগাঁও, ঢাকা [বিবিএস এর নোটিস বোর্ডে প্রদর্শনের অনুরোধসহ]।
- ৩। পরিচালক, কম্পিউটার উইং, বিবিএস, আগারগাঁও, ঢাকা [বিবিএস-এর ওয়েবসাইটে প্রকাশের অনুরোধসহ]।
- ৪। চিফ অ্যাকাউন্টস অ্যান্ড ফিন্যান্স অফিসার, চিফ অ্যাকাউন্টস অ্যান্ড ফিন্যান্স অফিসারের কার্যালয়, পরিসংখ্যান ও তথ্য ব্যবস্থাপনা বিভাগ, সেগুনবাগিচা, ঢাকা-১০০০।
- ৫। সচিবের একান্ত সচিব, পরিসংখ্যান ও তথ্য ব্যবস্থাপনা বিভাগ, আগারগাঁও, ঢাকা।
- ৬। মহাপরিচালকের স্টাফ অফিসার, বিবিএস, ঢাকা।
- ৭। হিসাব শাখা, এসভিআরএস ইন ডিজিটাল প্ল্যাটফর্ম প্রকল্প, বিবিএস।
- ৮। অফিস কপি।

Government of the People's Republic of Bangladesh  
Bangladesh Bureau of Statistics  
**Sample Vital Registration System (SVRS) in Digital Platform Project**  
Parishankhyan Bhaban (6<sup>th</sup> Floor, Block: 1), E-27/A Agargaon, Dhaka-1207  
[www.bbs.gov.bd](http://www.bbs.gov.bd)

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

1.	Ministry/Division	Ministry of Planning
2.	Division	Statistics and Informatics Division
3.	Agency	Bangladesh Bureau of Statistics (BBS)
4.	Procuring Entity Name	Project Director, Sample Vital Registration System (SVRS) in Digital Platform Project, BBS
5.	Procuring Entity District	Dhaka
6.	Expression of Interest for	Development of Mobile Application (CAPI System) and Web Application for Data Collection, Supervision & Monitoring, Data Management System Development, Data Processing, Data Analysis and Reporting of 'Sample Vital Registration System (SVRS) Survey'.
7.	EOI Selection of	Consulting Firm For Development of Mobile App Web Application and related For Sample Vital Registration System (SVRS) and relevant supply services.
8.	EOI Ref. No.	52.01.0000.503.99.029.22.112
9.	Date	09 March 2023
10.	Procurement Method	Quality and Cost Based Selection (QCBS).
11.	Budget and Sources of Fund	Development Budget, Government of Bangladesh (GoB).
12.	Project code	224355500
13.	Project Name	Sample Vital Registration System (SVRS) in Digital Platform Project.
14.	EOI closing date and time	EOI to be submitted by 1:00 pm of 22 March, 2023 to the Project Director, Sample Vital Registration System (SVRS) in Digital Platform Project, Parishankhyan Bhaban, 6th floor, Block-1, E-27/A Agargaon, Dhaka-1207 in sealed envelope with marked 'Expression of Interest'.
15.	Mobile Application (CAPI System) and Web Application for Sample Vital Registration System (SVRS) Survey:	<p><b>1. Mobile Application (CAPI System):</b></p> <ol style="list-style-type: none"> <li>Develop Android Mobile Application (CAPI System) for Data Collection, Supervision and Monitoring of SVRS;</li> <li>Data Collectors will capture the GPS location of each sample households using the Application;</li> <li>Data Collectors will automatically receive the particular Questionnaire form into his/her Tab using the applications;</li> <li>Data Collectors can collect data both in online and offline with the facility of sending offline data when the Tab in online with synchronization facilities;</li> <li>Data Collectors can check and even edit the data, which is collected through their Tab in offline and sync with central server;</li> <li>There must be some skipping options for the questionnaires, in which the mandatory fill-up features are needed;</li> <li>Huge Inter-question validation must be ensured and added question panel for adding a set of question;</li> <li>The Applications must have access control and be protected by user id and password;</li> <li>The questionnaire will be displayed by modules in the application which must be displayed on the screen one by one/chronologically with swapping and navigation features;</li> <li>The Smart backend should be web/mobile Applications (up-to-date version) for managing, monitoring and decision-making for survey data;</li> <li>The data collection panel should show the progress of filling up the questionnaire during data collection;</li> <li>Intelligent dashboard must be in the application for a different level of users with some graphical and different features of smart and real time analysis;</li> <li>Once the data collection from each household is fully completed, the data will be stored in encrypted format in the Tab and after confirmation, a copy of that will be sent to the server.</li> <li>The application should support diverse types of household and individual questions like image, short/ long text, Geo-location (GPS enabled with latitude/longitude), numerical, multiple choice including provisions for mandatory or optional question, time stamps, validation with previous reference data and so on.</li> <li>There should be an option to synchronize CAPI data with the server-based web application on the availability of the internet connectivity.</li> </ol> <p><b>2. Web Application:</b></p> <ol style="list-style-type: none"> <li>Develop Web (Browser) Application for Data Collection, Supervision &amp; Monitoring, Data Management, Data Processing, Data Analysis and Reporting of Sample SVRS;</li> <li>The interface should be user friendly with easy to access dashboard;</li> <li>The Application should be centralized, web-based solution and support cross browser platform (Chrome, Internet Explorer/ Microsoft Edge, Firefox, Opera etc.);</li> <li>Front-end development tool should be open source to avoid any license purchase and Back-end central database should be in prescribed platform;</li> <li>Must have role-based user authentication and central user access control system to multilevel user creation and privilege set-ups options by system admin;</li> <li>Must have intelligent dashboard for different level of users with some graphical and different features of smart analysis;</li> <li>Must have option for user registration and geo-code management and must have data analysis functionality;</li> <li>Monitoring facilities of data collection with the multiple supervision levels;</li> <li>Different types of data table related dynamic charts and information will be displayed with download facilities in the supervision dashboard according to the requirements of Authority;</li> <li>Generate real-time progressive data collection report (e.g. data collector wise report, date/month/year wise report, error wise report, area wise collection report, complete/incomplete report etc.) via map and grid-based view etc.;</li> <li>Features to review detail report from the Map against a specific enumerators/data collector for a specific area;</li> <li>Detect suspected data from the map by reviewing data set's GPS coordinates;</li> <li>Data export and download facility from the system;</li> <li>Any other issues in relation to the mobile and web application will have to be carried out according to the requirements of the project authority for the successful completion of data collection and analysis;</li> <li>Supervisory levels can monitor the survey data and will also be able to give feedback so that the enumerator can update;</li> <li>Application should have suspected and unauthorized data finding and filtering features.</li> <li>Application should have data edit feature with data validation logics same as mobile application.</li> </ol> <p><b>3. Administrative Features and Dashboard:</b></p> <ol style="list-style-type: none"> <li>The Administrator can check the data sent 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.</li> <li>Supervising and monitoring level users should be incorporated to oversee the submitted data within their jurisdiction.</li> </ol> <p><b>4. Compatibility:</b> Both the applications must be compatible with the independent platform.</p> <p><b>5. Type of Data:</b> The applications must be able to collect multiple type of data, like-single choice; multiple choice; geo location; image; normal text; live date and time etc.</p> <p><b>6. Qualifications &amp; Experience:</b></p> <ol style="list-style-type: none"> <li>Must have Nationwide electronic data collection and management knowledge and system development for Bangladesh.</li> <li>Minimum 5 years of experience in ICT business as a registered with Joint Stock in the form of Limited company /entity. (Please provide certificate of incorporation if applicable).</li> <li>Must have valid and up-to-date Trade license (2021-2022), TIN certificate, valid VAT Identification Number, Updated Income Tax Payment Certificate (Income Tax year 2022-2023).</li> <li>Minimum 1 successful implementation of a project with the Government of Bangladesh or any development partner in the last 5 years. (Please provide work completion certificates along with copy of contract and URL).</li> <li>Must have minimum average annual turnover of BDT 2 crore in the last 2 years. Please submit last 2 years audited financial statements. (if applicable).</li> <li>Must have minimum liquid asset of BDT 70 lac in last 2 years in form of credit line or working capital.</li> <li>Need to submit available human resource list (Project Manager, Solution Architect, Sr. Software Engineer, Software Engineer, User Interface Designer, Data Scientist, Documentation Expert, Quality Assurance Engineer, Infrastructure Engineer, System Analyst and Designer, Security Engineer, Data Visualization Expert, Mobile Application Developer - Android, Mobile Application Developer - IOS, Database Administrator, DevOps Expert, Support Engineer).</li> <li>Must submit ongoing relevant contracts carried out by the firm. (Please submit copy of contract/ letter of invitation (LoI) and URL)</li> <li>Must have a pool of domain experts capable in design and develop a secure and standardize Web Application and CAPI system as well as data backup, restore and access security control management.</li> <li>Should have valid legal entities (Registration from respective government authority, Trade License, VAT and TIN Registration and others) for working in Bangladesh.</li> <li>Must be a Member of Bangladesh Association of Software and Information Services (BASIS).</li> <li>Must have Audit report for the last 03 (Three) years.</li> <li>Joint-venture modality: Multiple Companies having technical and legal competency for developing such Products can submit jointly but they must have legal agreement among them where one company needs to be lead. A joint-venture agreement needs to have clear identification about each responsibility matrix along with IPR.</li> </ol> <p><b>7. Handset Compatibility:</b> The Applications must be compatible with updated version Android of Tablet Device and web browser.</p> <p><b>8. Screen Resolution:</b> The Applications must be able to fit for any screen size of PC, Laptop and Tab that is supported by Android and web applications.</p> <p><b>9. Unicode Support:</b> The Applications must have to support Unicode Bangla.</p> <p><b>10. Online Synchronization:</b> The web and mobile apps must have the ability to synchronize with particular online server and upload data when it will connect with the internet.</p> <p><b>11. Integration:</b> There should be an option to integrate CAPI and web application with third party application. Applications, Device and Database must be compatible.</p> <p><b>12. Manuals:</b> Have to provide User Manual, Operation Manual and Administrative Manuals (Technical Manual with related diagrams and design documents).</p> <p><b>13. Warranty:</b> Application provider company will provide the technical support during the project running time.</p> <p><b>14. Training on the Applications:</b> Finalization of user manual in consultation with BBS; Training Manual; Preparation of technical administration guide and training material and conduction of training to project staff or any other relevant personnel; Maintenance and Technical assistance; Provide training to around 100 persons.</p>
16.	Confidentiality	I. Service Provider shall maintain confidentiality of the data captured by the information system and shall not share the same with anyone for any purpose without explicit request from competent BBS authority. II. Non-disclosure Agreement: The Parties shall conclude a mutual non-disclosure agreement (NDA) in order to determine the details of confidentiality obligations.
17.	Type of contract	The consulting firm will be selected by using the standard document of complex lump sum contract issued by CPTU of planning Ministry of GoB. It is expected that the services will be required on May 2023 (aprox.) and shall be completed on June 2023 (aprox).
18.	Name of Official Inviting EOI	Mr. Md. Alamgir Hossen
19.	Designation of Official inviting EOI	Project Director
20.	Address of the Official inviting EOI	Sample Vital Registration System (SVRS) in Digital Platform Project, Bangladesh Bureau of Statistics, Parishankhyan Bhaban (Level-6, Block-1), E27/A Agargaon, Sher-e-Bangla Nagar, Dhaka-1207.
21.	Contact details of Official inviting EOI	Telephone: +88 02 55007055, Email: pd.svrs@bbs.gov.bd
22.	Information is available at	website: <a href="http://www.bbs.gov.bd">www.bbs.gov.bd</a>

Interested firms are invited to submit their EOI indicating that they are qualified to perform the services, details of experiences and required qualifications stated above. The procuring entity reserves the right to accept or reject any or all of the EOIs without showing any cause.

  
**Md. Alamgir Hossen**  
 Project Director