



SOFTWARE SOLUTION FOR HIV SELF-TESTING (HIVST) PROJECT

1. INTRODUCTION

Ghana HIV and AIDS Network (GHANET) is seeking proposals from qualified software development firms to design, develop, and implement a software solution for a project aimed at improving HIV prevention, self-testing, and treatment services for vulnerable populations in Ghana.

2. BACKGROUND

Ghana has made significant progress in the fight against HIV/AIDS. However, there are still disparities in access to prevention, self-testing, and treatment services for vulnerable populations. This project aims to address these disparities by:

- Strengthening data collection on HIV prevalence and service utilization among vulnerable populations.
- Improving data collation and analysis to identify trends and inform program interventions.
- Enhancing program efficiency and effectiveness through data-driven decision-making.

3. PROJECT SCOPE

The software solution should address the following functionalities:

- **Data Collection:**
 - Capture demographic and health information of project participants.
 - Facilitate data collection on HIV self-testing, prevention services (e.g., condom distribution, PrEP), and treatment adherence.
 - Allow for offline data entry with synchronization to a central server.
 - Integrate with existing national health information systems (if applicable).
- **Data Collation and Management:**
 - Provide a secure platform for data storage and management.
 - Ensure data confidentiality and compliance with Ghanaian data privacy regulations.
 - Offer functionalities for data cleaning, validation, and de-identification.
- **Data Analysis and Reporting:**
 - Generate reports on key program indicators (e.g., HIV prevalence, self-testing rates, treatment adherence, condoms distributed etc.).
 - Allow for disaggregation of data by demographics, location, and other relevant factors.
 - Provide data visualization tools for clear and concise presentation of information.
- **Additional Features:**
 - The solution should be user-friendly and accessible for users with varying levels of technical expertise.
 - The software should be designed for scalability to accommodate future growth of the project.
 - The solution should be compatible with commonly used mobile devices and offline functionality is preferred.

4. DELIVERABLES

The successful bidder will be required to deliver the following:

- Functional software solution meeting all the requirements outlined in Section 3.
- Comprehensive user manuals and training materials for both data collectors and program administrators.
- Technical documentation for ongoing maintenance and support.
- Installation and configuration of the software solution on designated hardware.
- Training for project staff on data collection, data entry, and data analysis using the software.

5. PROPOSAL REQUIREMENTS

Proposals should include the following information:

- Company background and experience in developing software solutions for the healthcare sector, particularly for HIV/AIDS programs.
- Detailed description of the proposed software solution, including functionalities, technical specifications, and architecture.
- Implementation timeline and methodology.
- Team composition and qualifications of personnel assigned to the project.
- Proposed cost breakdown for development, implementation, training, and maintenance.
- References from previous clients for whom similar software solutions were developed.

6. EVALUATION CRITERIA

Proposals will be evaluated based on the following criteria:

- Understanding of the project goals and target population.
- Functionality and technical merit of the proposed software solution.
- Experience of the development team in healthcare I.T. solutions.
- Cost-effectiveness of the proposal.
- Implementation timeline and feasibility.
- Quality of references and past performance.

7. SUBMISSION INSTRUCTIONS

Proposals should be submitted electronically to ghanetrfp@ghanet.net by **26th June, 2024 at 11:59pm**. Please include "HIV Self-Testing Project Software Solution RFP" in the subject line and reference any health related software that your firm has built.

8. CONTACT INFORMATION

For any questions regarding this RFP, please contact:

Secretariat Office

 030 226 1525

 info@ghanet.net

9. CONFIDENTIALITY

All information submitted in proposals will be kept confidential.

We look forward to receiving your proposals.