



REPUBLIC OF LIBERIA

MINISTRY OF HEALTH

Expression of Interest for the Automation of the Community Based Health Information System

Reference #: IFB No: MOH/M&E/REOI/001/16/17 Released: January 6, 2017

REQUEST FOR EXPRESSION OF INTEREST

1. The Government of the Republic of Liberia through the Ministry of Health received a grant from the Global Fund to fight HIV/AIDs, Malaria and Tuberculosis and support to health system strengthening in Liberia. The Government of the Republic of Liberia intends to support the services of a consultancy firm that will provide Technical Assistant for the automation of a Community Based Health Information System (CBIS).
2. **Synopsis of Introduction and Background**

In the aftermath of the Ebola crisis, strengthening the National Health Information System (HIS) has been recognized by the Ministry of Health as one of the key interventions of the Investment Plan for Building a Resilient Healthcare System in Liberia. Indeed, during the Ebola epidemic it became clear that the fragmentation of the current health information system made it impossible to have the “right information at the right time and in the right place”. Many HIS subsystems, such as HMIS and DSIS were not interconnected, and various stakeholders did not coordinate and contributed even further to the fragmentation by setting up separate reporting systems.

A comprehensive HIS and ICT Strategy was developed, after a systematic assessment of the existing information capacities in the MoH and at the county level, which articulated the relevance of developing, strengthening and rolling-out to sub-national levels. Subsequently, operational plans were developed to guide the implementation process.

The Community Based Information System (CBIS) was one of such sub-systems to be developed to specifically provide information for community level programs, assess the health status and service delivery in communities, and monitor and evaluate the community health worker and volunteer programs. In the past year, a multi-sectorial CBIS technical Working Group has lead the process of developing this system. The CBIS data requirements have been defined and the flow of data clearly documented. The group has also finalized the data collection and reporting forms.

3. Consultancy overview

The Government of Liberia recently launched the Community Health Assistants Program (CHA) to expand access to health care and link the health facilities to communities in distant and hard-to-reach areas. The Global Fund has been actively supporting the Community Health Services Unit and has committed funds for the strengthening of the CHA program. A portion of the funds is targeted towards automation of the Community Based Health Information System (CBIS). To achieve this, the MOH is seeking an experienced firm (local or international); for the implementation of an automated Community Based Health Information System. The resultant database must have the ability to capture, process and store community based service data and generate real time dashboard to facilitate information use for management decision, policy formulation, modifying strategies and monitoring and evaluation.

4. Scope of the assignment

- The contractor will create both a back-end and web-enabled front-end data-tracking program in DHIS2. The data entry interface of the database must be user friendly, created in DHIS2 and must be based on the recently developed paper version of the community reporting tools.
- The contractor shall develop reporting templates in DHIS2 as well as the ability to create ad-hoc reports.
- The contractor will respond to feedback from HMER staff during the creation of the database.
- The contractor shall recommend, develop, and document a comprehensive backup and recovery strategy utilizing current and relevant backup methodologies.
- The contractor shall adhere to industry/security standards, best practices, and current security policies.
- The contractor shall recommend, develop, and document all necessary maintenance plans, automated monitoring, and threshold notifications as well as instruct key staff on the maintenance of the system.
- The contractor shall lead a complete walk - through of all mutually agreed - to deliverables and systems with HMER staff to ensure smooth transition and ongoing supportability.
- The contractor will create a user manual for the database. Additionally the developer shall provide training to staff on the use and navigation of the database.
- The contractors shall recommend, develop, and document a strategy for ongoing patching (application and security) of the database software.
- The contractor shall ensure that permission levels should define access to data and ability to perform specific actions within the database.
- The contractor shall ensure that the database incorporates the ability to track issues as recorded by users. This would enhance the understanding of the occurrence of issues as they arise.
- The database should be accessible from different browsers including Google Chrome
- Deploy database to MOH active server
- Ensure the database has mobile interface with SMS functionality that may provide feedback to front line health workers.

5. Deliverables

- Draft inception plans that layout the roadmap with clear milestones for the automation of the CBIS
- A strategy for ongoing patching (application and security) of the database software
- A manual for the database
- A comprehensive backup and recovery strategy utilizing current and relevant backup methodologies
- Standard reporting templates in DHIS2
- A back-end and web-enabled front-end data-tracking program in DHIS2
- Develop CBIS data dictionary with chronological index of variables and their respective attributes such as variable name, code, type, definition, length etc.

6. Time frame

This consultancy must be delivered in a month time and ready for deployment and use.

This is a one-time project. Ongoing management of the system will be determined upon the conclusion of the automation of the CBIS and development of the database.

7. Qualifications Criteria

- Company Profile
- Qualification in Field of Assignment(Similar Assignment)
- Experience in Similar Conditions; web-enabled front-end data-tracking program
- Technical and managerial organization of the firm(organic gram)
- General qualifications and number of key staff(appropriate skills and Staff-CVs required)

Interested firm may obtain further information from the address below and deliver their Expression of Interest (EOI) written in English, enclosed in an envelope clearly marked: **“Expression of Interest for the Automation of the Community Based Health Information System “Ref:IFB No: MOH/M&E/REOI/001/16/17 and drop in the tender box situated on the ground floor or electronically transmitted by the deadline specified below to: proumohsw@gmail.com no later than Friday, 27th January 2017 @ 2:00 PM/ 14: 00 GMT.**

Proposal must be clearly marked “Consulting Services: Community Based Health information System:”

The address is stated below:

Jacob L.N Wapoe
Director of Procurement
Ministry of Health
Congo Town, Room#140 or via email: proumohsw@gmail.com

This Expression of Interest can also be found on:

- www.emansion.gov.lr
- www.moh.gov.lr.

Signed by: _____

Director of Procurement

Approved by: _____

Deputy Minister for Admin.