



Request for Proposal # 2023-FF-001

Develop Single Sign On (SSO) system for Vietnam Administration of Medical Service - Ministry of Health

I. Summary of Deadlines

Release of Request for Proposal	May 13, 2023
Confirmation of interest due	May 17, 2023
Fact-finding questions received by	May 17, 2023 5:00PM Hanoi time
Response to fact-finding questions	May 19, 2023
Proposals due	May 26, 2023 5:00PM Hanoi time
Bidders notified of decision	May 30, 2023

Note that PATH reserves the right to modify this schedule as needed. All parties will be notified simultaneously by email of any changes.

II. PATH Statement of Business

PATH is the leader in global health innovation. An international nonprofit organization, we save lives and improve health, especially among women and children. We accelerate innovation across five platforms—vaccines, drugs, diagnostics, devices, and system and service innovations—that harness our entrepreneurial insight, scientific and public health expertise, and passion for health equity. By mobilizing partners around the world, we take innovation to scale, working alongside countries primarily in Africa and Asia to tackle their greatest health needs. Together, we deliver measurable results that disrupt the cycle of poor health.

Learn more at www.path.org.

III. Project Background

PATH is an international non-profit organization and leader in global health innovation. PATH works to accelerate health equity in more than 70 countries. For over 40 years, we have brought together public institutions, businesses, social enterprises, and investors to solve health challenges. With expertise in science, health, economics, technology, advocacy among other, PATH develops and scales solutions—including vaccines, devices, diagnostics, and innovative approaches to strengthening health systems worldwide. We collaborate with stakeholders from local healthcare providers, research institutes, central policymakers, and the private sector to strengthen health systems.

The Fleming Fund (FF) Country Grant is the first grant from the government of the United Kingdom of Great Britain and Northern Ireland (UK) funding for Viet Nam to address critical gaps in surveillance of antibiotic-resistant bacteria in Vietnam. It has been created in response to a Request for Support from the Government of Vietnam to tackle one of the public health priorities in the Global Action Plan on AMR. This grant aligns with the national antimicrobial resistance (AMR) policy framework and with the investments made by other donors and stakeholders in this area. The FF is a One Health initiative to fight AMR in low- and middle-income countries. The goal of the FF is to avert the human and economic burden of AMR. Through the Fleming Fund (FF) country grant for Vietnam, FHI 360 as a prime, PATH, OUCRU and local partners in Vietnam have been working hard to mitigate the threat of AMR with a focus on strengthening the national AMR surveillance system; to exchange AMR and AMU surveillance data between the HH and AH sectors following the “One Health” approach through strengthening AMR and AMU surveillance systems in each sector. The Fleming Fund Country Grant for Vietnam focuses on strengthening the antimicrobial resistance (AMR) and antimicrobial use (AMU) surveillance systems in both the human and animal health sectors towards the One Health Approach to bring together multi-sectoral stakeholders to share surveillance data and gain better understanding of AMR and AMU, contributing to the government’s efforts of developing national multi-sectoral AMR/AMU stewardship strategies and plans.

The Fleming Fund (FF) country grant for Vietnam is looking for a local IT firm to assist the PATH team to develop Single Sign On (SSO) system for Department of Medical Service Administration (MSA) - Ministry of Health, Vietnam.

Purpose of the RFQ: PATH seeks to obtain price and availability information on the services needed for this project as in the Scope of Work and Deliverables.

IV. Scope of Work and Deliverables

A. Location of work: Viet Nam

B. Scope of work and deliverables:

The selected IT vendor will be required to complete the specific tasks and to complete the

deliverables stated in the below Scope of Work (SOW).

Single sign-on (SSO) allows you to use your own provider of user account management, authentication, and authorization services to register and log in to SSO system.

SSO system minimized requirements:

- ***Types of Single Sign-On (SSO) Protocols:*** SAML, OAuth 2.0, OpenID Connect, CAS.
- ***User Sign-on Interface,*** The following functional objectives for the SSO in support of a user sign-on interface:
 - The interface shall be independent of the type of authentication information handled.
 - Change of user-controlled authentication information shall be supported. This is interpreted as initially being restricted to change of user password although capability for future extension shall not be precluded.
 - Support shall be provided for a caller to establish a default user profile. User selection from a set of available user profiles is not required to be supported but shall not be precluded as a future extension.
 - Support for the initiation of cleanup services on session termination, or sign-off, shall be supported.
 - Provision of a service to enable a caller to notify the SSO implementation of a change of user-controlled authentication information by an application other than the SSO implementation is an optional requirement and may be supported.
 - SSO shall not predefine the timing of secondary sign-on operations.
 - Note: This means that SSO shall not require that all sign-on operations be performed at the same time as the primary sign-on operation. This would result in the creation of user sessions with all possible services even though the user may not actually require those services.
- ***User Account Management Interface,*** the following functional objectives have been defined for the SSO in support of a user account management interface:
 - The creation, deletion, and modification of user accounts shall be supported.
 - The setting of attributes for individual user accounts shall be supported. The attributes to be supported shall include as a minimum those necessary to support the MSA business systems.
- ***Non-Functional Objectives,*** the non-functional objectives of the SSO are:
 - The SSO shall be authentication technology independent. The interface shall not prescribe the use of a specific authentication technology, nor preclude the use of any appropriate authentication technology.
 - SSO shall be independent of platform or operating system. SSO shall not preclude the integration of common desktops or common servers, including mainframes. There is no expectation that such desktops or servers shall be capable of integration within SSO without modification.
 - Ready to be integrated authentication with others Web applications at MSA
- ***Security Objectives,*** the security objectives to be met by an implementation of SSO are:
 - SSO shall not adversely affect the resilience of the system within which it is deployed.

- SSO shall not adversely impact the availability of any individual system service.
- SSO shall not provide access by principals to User Account Information to which they would not be permitted access within the controlling security domain for that information.
- SSO implementation shall audit all security relevant events which occur within the context of the SSO.
- SSO implementation shall protect all security relevant information supplied to or generated by the SSO implementation such that other services may adequately trust the integrity and origin of all security information provided to them as part of a secondary sign-on operation.
- SSO shall provide protection to security relevant information when exchanged between its own constituent components and between those components and other services.

Vendor roles and responsibility:

- Attend meeting with PATH, MSA, FHI360 during SSO development progress.
- Work with MSA and PATH technical staff to understand the details of requirement and outputs.
- Provide suggestion on technology stack and implementation plan.
- Develop SSO system as minimized requirements as above.
- Develop administration guidance and user manual.
- Provide 01-year contract for server to running SSO system and user support.
- Prefer to the vendor who has experience in developing and managing health information systems and has good in understanding the MSA information system both in working and providing technical support.

Deliverables and timeline

Item	Deliverables	Timeline
1	Provide and present the solutions both technology and implementation plan.	30 th June
2	Develop the system architect and business analysis requirements	5 th July
3	Developing MVP version and demo	25 th July
4	Integrated the AMR and HAI portal to SSO system	30 th July
5	The MSA's SSO is developed within AMR system authentication integrated.	10 th Sept
6	Handover documents: Implementation, administration, user manual, system architect and business analysis	15 th Sept
7	Share final source code on GitHub to PATH and MSA	15 th Sept

Implementation period

The vendor is expected to complete the scope of work in the duration of from June to August 2023

The vendor shall submit a development plan with a clear timeline and activities to ensure the progress and due date.

V. Proposal Requirements - Financial

Provide itemized costs for the total scope of this project, based on the scope of work and deliverables outlined in Section IV. The final scope of work may be subject to negotiation; however, bidder selection will be made against the original scope of work. Bids should include itemized costs for key elements of the scope of work, as follows:

- Estimated total level of effort and associated costs.
- Itemization of all other costs, e.g., service tax, etc.
- Estimated schedule of other anticipated expenses (e.g., delivery costs, additional resources, outside resources, etc.).

VI. Proposal Requirements – Technical

Provide information on your overall qualifications (If the information is available on your website, please provide the link), including:

- Profile of relevant corporate qualifications.
- Profile of relevant experience and examples of related work. (Company profile should be attached.)
- Qualifications of key members of the proposed project team (attach CVs and provide details of back-up/standby teams).
- Number of years in business. (Business Registration Certificate shall be attached.)

Preference/Advantages

- Experience working with local/international non-government organizations and health-related organizations.
- Experience designing, developing, and supporting the implementation of Single sign-on system.
- Competent in communicating in English.

VII. Proposal Evaluation Criteria

The following is a list of significant criteria against which proposals will be assessed. The criteria are listed in order of priority; however they are not weighted.

- A. Technical appropriateness of services
- B. Appropriate implementation plan
- C. Experience in the related areas
- D. Costs (as detailed in Section V).

Note: PATH reserves the right to include additional criteria.

VIII. Instructions and Deadlines for Responding

A. PATH contacts

Procurement Contact: Dam Tuyet Mai
Project Financial Analysis & Administrative Manager
mdam@path.org

Nguyen Thuc Hang
Procurement Associate
htnguyen@path.org

Technical/Program Contact: Ngo Sy Tuan
HIS Team Lead
tngo@path.org

B. Confirmation of interest

Please send a statement acknowledging receipt of this solicitation and your intent to respond or not respond by **May 17, 2023, Hanoi time**. Send the confirmation to the contacts listed above.

C. Fact-finding questions

Questions on this solicitation will be accepted via email to the contacts listed above no later than **5:00PM May 17, 2023 Hanoi time**. Questions and answers to all questions will be provided on **May 19, 2023** to all participants who confirmed interest. Please note that responses will not be confidential except in cases where proprietary information is involved. Inquiries after this date cannot be accommodated.

D. Proposals due: 5:00PM May 26, 2023, Hanoi time

Completed proposals should be submitted by email to the contacts listed above. The subject line of the email should read: RFP # 2023-FF-001 your company name.

E. Conclusion of process

Applicants will be notified of PATH's decision by **May 30, 2023**. The final award is subject to the terms and conditions included in this solicitation, as well as successful final negotiations of all applicable terms and conditions affecting this work.

IX. Terms and Conditions of the Solicitation

A. Notice of non-binding solicitation

PATH reserves the right to reject any and all bids received in response to this solicitation and is in no way bound to accept any proposal.

B. Confidentiality

All information provided by PATH as part of this solicitation must be treated as confidential. In the event that any information is inappropriately released, PATH will seek appropriate remedies as allowed. Proposals, discussions, and all information received in response to this solicitation will be held as strictly confidential, except as otherwise noted. Conflict of interest disclosure

Suppliers bidding on PATH business must disclose, to the procurement contact listed in the RFP, any actual or potential conflicts of interest. Conflicts of interest could be present if; there is a personal relationship with a PATH staff member that constitutes a significant financial interest, board memberships, other employment, and ownership or rights in intellectual property that may be in conflict with the supplier's obligations to PATH. Suppliers and PATH are protected when actual or perceived conflicts of interest are disclosed. When necessary, PATH will create a management plan that provides mitigation of potential risks presented by the disclosed conflict of interest.

D. Communication

All communications regarding this solicitation shall be directed to appropriate parties at PATH indicated in Section VIII. A. Contacting third parties involved in the project, the review panel, or any other party may be considered a conflict of interest and could result in disqualification of the proposal.

E. Acceptance

Acceptance of a proposal does not imply acceptance of its terms and conditions. PATH reserves the option to negotiate on the final terms and conditions. We additionally reserve the right to negotiate the substance of the finalists' proposals, as well as the option of accepting partial components of a proposal if appropriate.

F. Right to final negotiations

PATH reserves the option to negotiate on the final costs and final scope of work and reserves the option to limit or include third parties at PATH's sole and full discretion in such negotiations.

G. Third-party limitations

PATH does not represent, warrant, or act as an agent for any third party as a result of this solicitation. This solicitation does not authorize any third party to bind or commit PATH in any way without our express written consent.

H. Proposal Validity

Proposals submitted under this request shall be valid for 90 days from the date the proposal is due. The validity period shall be stated in the proposal submitted to PATH.