

Any contract award is subject to the availability of funds and the finalisation of the relevant grant agreement(s)

Request for Offers

Introduction

The Geneva International Centre for Humanitarian Demining (GICHD) invites qualified providers to submit proposals for the design, development, and delivery of an Ammunition Inventory Management System (AIMS) and a Surveillance Information Management System (SIMS). The GICHD will retain the right to deploy, implement, and operate to permit use of AIMS and SIMS by partner states donors, and implementing partners, either directly or through sublicences granted by GICHD in any state or country as required for its operational needs, in accordance with the requirements outlined in this Request for Offers (RFO).

Reference number	RFO/2026/KIB/04
Project number	91023
Posting date	03 July 2026
Deadline for submission of the offer	4 September 2026, 00:00 (Geneva time)
Currency	The quotation shall be presented in Swiss Francs (CHF)
Language	The quotation shall be submitted in English
Submit to	J.CARAPIC@GICHD.ORG AND I.RASHAD@GICHD.ORG

RFO Terms

By participating in this RFO (e.g., by submitting an offer), you agree to the following terms:

- This RFO is not a contractual offer and does not create any obligation on the part of GICHD to award a contract or to accept any offer. GICHD reserves the right to reject any or all offers, to withdraw or amend this RFO at any time, or to cancel the procurement process without providing reasons and without incurring any liability towards the participants.
- GICHD shall not be liable for any costs or expenses incurred by the participants in connection with the preparation or submission of an offer.
- GICHD is under no obligation to provide feedback or explanations regarding the selection or rejection of any offer.
- Offers will be evaluated on the basis of best value for money, taking into account both the quality of the technical offer and the financial offer. GICHD reserves the right to reject offers that do not meet the minimum technical, legal, security, intellectual property, data protection, or donor compliance requirements set out in this RFO.
- GICHD may evaluate and award the development, deployment, implementation and support components separately where this is considered to provide the best value for money and to meet GICHD's operational and donor compliance requirements.

- GICHD may, where necessary, seek clarifications from bidders regarding their offers. Any such exchanges shall be conducted in a transparent and documented manner and shall not result in a material modification of the offer submitted or undermine the equal treatment of bidders. This RFO and any related process shall be governed by the laws of Switzerland and subject to the exclusive jurisdiction of the courts of Geneva, Switzerland.
- All documents, information, and materials provided by GICHD in connection with this RFO, including any technical documentation, system requirements, or clarifications, shall be treated as confidential, shall not be copied, reverse engineered, or retained beyond the procurement process and shall not be disclosed to third parties or used for any purpose other than the preparation of an offer, unless required by law or with GICHD's prior written consent.
- Grounds for exclusion from participation in procurement:
 - Candidates or tenderers, in observance of the principle of proportionality, will be excluded from taking part in a procurement procedure if: they are bankrupt or being wound up, are having their affairs administered by the courts, have entered into an arrangement with creditors, have suspended business activities, are the subject of proceedings concerning those matters, or are in any analogous situation arising from a similar procedure provided for in national legislation or regulations;
 - they have been convicted of an offence concerning their professional conduct by a judgment which has the force of res judicata;
 - they have been guilty of grave professional misconduct proven by any means which the Beneficiary(ies) can justify, including misrepresentation;
 - they have not fulfilled obligations relating to the payment of social security contributions or the payment of taxes in accordance with the legal provisions of the country in which they are established or with those of the country of the Beneficiary(ies) or those of the country where the contract is to be performed;
 - they or persons having powers of representation, decision making or control over them have been the subject of a judgment which has the force of res judicata for fraud, corruption, involvement in a criminal organisation, money laundering, terrorist offences or offences linked to terrorist activities, child labour and other trafficking in human beings, or any other illegal activity detrimental to the GICHD's and or EU's financial interests.
 - Candidates or tenderers must certify that they are not in one of the situations listed above. The right of defence and the remedial measures put in place by the tenderer to demonstrate the tenderer's reliability shall be taken into account when deciding on exclusion from funding on the above-mentioned situations.
- Any contract award remains subject to the availability of funding and the finalisation of the relevant grant agreement(s)

Requirements

Software Development Specification for Ammunition Inventory Management System (AIMS) and Surveillance Information Management System (SIMS) for States	The GICHD requires the services of competent system developers to develop an Ammunition Inventory Management System and Surveillance Information Management System for states to classify, quantify and account for conventional ammunition under national ownership. Inventory management and accounting is a foundational requirement for safe, secure, and sustainable through-life conventional ammunition management, as well as for strengthening arms control and preventing diversion and proliferation. This will be achieved
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by providing a comprehensive, user-friendly, secure system compatible with even low-capacity state computing infrastructure, thus not requiring costly upgrades.

The system developed shall meet the following minimum requirements:

Stockpile data requirements

- The system shall hold a nation's inventory of ammunition natures in an auditable account
- For each ammunition article record the system shall hold:
 - Ammunition nature
 - A nationally defined unique identifier for each nature
 - Quantity
 - NEQ per round
 - Stock holding or depot facility where held
 - Lot/Batch
 - Condition code
 - Pack quantities – as an optional field
 - Ban field that indicates a ban is in place
 - Text field – why ban applied, when ban applied and who was notified in depots/store holding units
- The system shall hold and facilitate searches on the following information for each ammunition holding unit or depot:
 - Natures held
 - Quantity of each nature
 - Quantity of nature by condition code
 - Total NEQ for each nature
 - Stock holding unit or depot's name or identifier
 - Detail of updates including date
 - Detail of stock-taking activity
- The system shall allow the inventory to be updated from information provided by the nation's stock holding unit or depot accounts, recording the date and user making the update.
- The system shall hold a transaction history for each change in account that will include:
 - Location (Stock holding unit or depot)
 - Ammunition nature
 - Change in condition code
 - Transaction type (receipt, issue, transfer, stock-take, disposal)
 - Receipt & issue unique identifiers for transactions
 - Date
 - Quantity
 - Authority
- The system shall enable planned receipts to be scheduled on depots or stock holding units and will match the actual receipt record from the depot/stock

	<p>holding unit with the scheduled receipt record. The schedule records that shall include:</p> <ul style="list-style-type: none">○ Receipt unique identifier○ Depot allocated to receive the receipt○ Notification date and operative in depot○ Scheduled delivery date○ Ammunition natures○ Ammunition quantity to be received <ul style="list-style-type: none">● The system shall enable planned issues to be scheduled on depots or stock holding units and will match the actual issue made from the depot/stock holding unit with the scheduled issue record. The schedule records that shall include:<ul style="list-style-type: none">○ Issue unique identifier (number)○ Depot allocated to make the issue○ Notification date/operative in depot○ Scheduled issue date○ Ammunition natures○ Ammunition BKI/manufacture dates○ Ammunition quantity● The system shall record updates to the account as time stamped transactions linked to the originating stock holding unit or depot with the reason for any amendment and the authority.● The system shall enable stocktaking activities to be recorded to authenticate the account that is held against a stock holding unit or depot.● The system shall allow amendments to be recorded against the account following stock-taking with details of stocktaking date, operative undertaking the stock-take, reasons for the amendment and a record of follow up actions instigated.● The system shall support the characterization of stock (by nature and by storage location) such as:<ul style="list-style-type: none">○ Operational○ War reserve○ Training○ Disposal● The system shall provide warnings if storage procedures are likely to be breached e.g. adding stock that would exceed the Explosive Limit Licence, and/or or contradict compatibility group mixing rules.● The system shall comply with the procedures and processes in the International Ammunition Technical Guidelines (IATG). Compliance with the IATG shall constitute a material requirement of the services and shall be addressed in the final contract.
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	<p><u>Surveillance Information Management System</u></p> <p>While AIMS operates independently, the selected provider should develop Surveillance Information Management System (SIMS). SIMS tracks the condition and stability of ammunition over time and should be integrated with AIMS, supporting risk-based decision making, planning and management.</p> <p>Developed in line with the IATG, SIMS should facilitate the systematic collection, storage, and analysis of data related to physical inspections, chemical tests, environmental exposure, other surveillance procedures, and condition coding. It captures critical information on ageing, degradation, and instability (including for high-risk items such as propellant-based munitions), allowing for early identification of unsafe ammunition.</p> <p>Key requirements:</p> <ul style="list-style-type: none"> • Ammunition Question Category Maintenance The system should support the creation, modification, and deletion of ammunition-related question categories for inspections and assessments. • Ammunition Inspection Question Management The system should allow authorized users to create and manage ammunition inspection questions, including adding new questions and organizing them by category or inspection type. • Ammunition Inspection The system must support the ammunition inspection creation, view completed inspections, edit the incomplete inspections and retest. • Laboratory Test Question Management The system must support creation, editing, adding the method of testing and categorization of questions related to laboratory tests for ammunition and propellants. • Lot Propellant Maintenance The system must provide capabilities to manage propellant lots, including advanced filtering options and support for opening, editing, and creating new records. • Sample Management The system must include add and edit of tested samples. • Laboratory Analysis Management The system must enable users to create, start, edit, and view tests. • Test Report Generation and Printing The system must allow generation, and printing of standardized test reports based on laboratory and inspection data. • Ban and Constraint Management with the ability to change ammunition conditions after testing. • Incident Reporting The system must include functionality for logging and managing incident reports related to ammunition, testing, or inspections.
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	<ul style="list-style-type: none"> • Historical Laboratory Analysis Access The system must allow users to access and query historical laboratory analysis data. • Defect Category Management The system must support the creation, editing, and management of defect categories used in inspections and reporting. • Sample Management The system must include add and edit of tested samples. • Laboratory Analysis Management The system must enable users to create, start, edit, and view tests. • Test Report Generation and Printing The system must allow generation, and printing of standardized test reports based on laboratory and inspection data. • Ban and Constraint Management with the ability to change ammunition conditions after testing. • Incident Reporting The system must include functionality for logging and managing incident reports related to ammunition, testing, or inspections. • Historical Laboratory Analysis Access The system must allow users to access and query historical laboratory analysis data. • Defect Category Management The system must support the creation, editing, and management of defect categories used in inspections and reporting. <p><u>Software requirement and wireframes:</u></p> <p>System Requirements, including detailed user requirements and wireframes have already been identified and developed. Accordingly, respondents are requested not to include these deliverables in their proposals.</p> <p>A hybrid development approach is encouraged, whereby the proposed AIMS solution leverages an existing, proven inventory management system as its foundation rather than being developed entirely from scratch. The solution should be compatible with the (IATG) and support the development of the (SIMS) software, as well as any required system integrations.</p> <p><u>Software Source code and Intellectual Property</u></p> <p>The provider shall deliver to the GICHD the full source code, technical documentation, and all intellectual property rights associated with the AIMS and SIMS software developed specifically for the GICHD under the contract (“Foreground IP”). Subject to applicable donor funding conditions, ownership of such Foreground IP shall vest in GICHD free of encumbrances.</p> <p>The provider shall ensure that GICHD has all rights necessary to use, modify, maintain, deploy, and permit use of the software, including rights to use any preexisting</p>
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intellectual property, tools, libraries, or components incorporated into the software, through a perpetual, irrevocable, royalty free licence fully sublicensable to partner states and implementing partners to the extent such elements are not owned by GICHD.

GICHD shall be entitled to use, maintain, modify, deploy, and permit use of the software for its internal operational needs and for the benefit of partner states, donors, and implementing partners, and shall not be required to commercialize or sell the software. The provider shall identify in its offer all Background IP and third-party or open-source components proposed for use, together with the applicable licence terms, and warrants that no such components will restrict GICHD's ownership, modification rights, or permitted state use.

The provider is prohibited from using the GICHD's name, or the AIMS and SIMS names, logos, trademarks, or any proprietary GICHD materials for any commercial purpose, including references in marketing materials, client lists, or demonstrations.

Hosting requirements:

The software must be hosted entirely on premises within the states' secure infrastructure. All application components, databases, and data storage must operate on dedicated servers located in the states facilities, with no use of public cloud services. The software development company must detail the required hardware, software, and environmental conditions, as well as all operational responsibilities, to ensure reliable, secure, and compliant on-premises operation. Security is a critical component of the system and must be considered throughout its design, development, and deployment. The provider shall implement appropriate technical and organisational measures to protect the confidentiality, integrity, and availability of the software and any data processed throughout development, testing, deployment, and support, in accordance with internationally recognised information security standards as further specified in the final contract.

Prior experience developing ammunition inventory systems, along with solid familiarity with the IATG and related ammunition management and accounting practices, is highly desirable but not essential.

Data ownership:

All data generated, processed, or stored through AIMS and SIMS, including inventory, surveillance, inspection,

	<p>laboratory, audit, and user data, shall remain the property of the relevant State or, where applicable, GICHD acting on the State's behalf.</p> <p>The provider shall have no ownership rights in such data and shall act solely as a data processor. The provider shall not access, use, disclose, or reuse such data for any purpose other than the performance of the contract and shall comply with all applicable data protection and information security laws and obligations, as further set out in the final contract</p>
Timing	<p>Full software development expected to be completed by November 2027 and implementation by September 2028.</p>
Terms	<p>Suppliers must agree to comply with GICHD's Partner Code of Conduct and any donor-mandated compliance requirements. In particular, suppliers must be able to comply with the intellectual property, licensing, data ownership, information security and confidentiality requirements described in this RFO. Following the award decision, GICHD and the selected supplier will finalise a software development agreement setting out the detailed commercial, technical and legal terms applicable to the project.</p>
Other requirements	<p>Suppliers shall ensure that the performance of the services, including software development, delivery, and deployment to states, complies with all applicable export control, sanctions, and trade compliance laws and regulations. Any restrictions shall be clearly disclosed in the offer and shall not relieve the supplier of its delivery obligations unless expressly agreed in writing by GICHD.</p> <p>In your technical offer, please clarify and address the following points related to the system and the after-delivery services:</p> <ul style="list-style-type: none"> • What supporting documentation will the company provide for the system? • How does the company envisage providing a training package for users of the system? • Please provide a detailed plan for how you would support the system after implementation, including any requirements that GICHD/AMAT would be expected to facilitate. • A description of your proposed solution that explains how it will satisfy the requirements. • If you have a readymade system that can meet the above requirements, what development and modifications are required to meet the system requirements, with costs and timescales for each? • What software licences will be required to operate the system? <ul style="list-style-type: none"> ○ Please provide indicative software licence costs where possible.

	<ul style="list-style-type: none"> • Please indicate the programming languages to be used that should match our hosting requirements mentioned above in the RFO. <ul style="list-style-type: none"> ○ Please provide an indication of the sustainability/supportability of the programming language. • It is preferred that the system should operate as an Isolated Network, so please indicate how any software updates etc. will be distributed. • The system must operate as a minimum in the English language. Please indicate how you would include an ability to add additional languages. • What approach will the company adopt for change requests, collated and approved by GICHD/AMAT, that arise out deployment of the system?
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Proposal

The supplier shall provide a coherent, organized and clear proposal in response to the request. The proposal should at least cover the following items:

Section A: Technical offer:

- Name of company/individual
- Address, contact details
- Description on the company and personnel to be involved and experience in the sector.
- Description of how the requirements set out above will be met by the supplier.
- Relevant project references for the last 3 years.

Section B: Financial Offer (quotation):

Please copy and paste the information and tables from the RFO and ensure that the cost breakdown is followed exactly as specified.

GICHD reserves the right to award contracts for the development and deployment components separately.

Quotation A. AIMS/SIMS Software Development and Testing

This quotation shall cover all costs associated with the development, testing, and validation of the AIMS and SIMS software systems, based on the system requirements and existing wireframes provided by GICHD. This quotation should include:

- software architecture design
- software development
- internal testing and debugging
- technical validation
- preparation of technical documentation required for the implementation package

This quotation **should not** include deployment or implementation costs in partner countries. Please use the following breakdown for the quotation:

Table 1: Development Costs

Services	Description	Units	Rate (CHF)	Total (CHF)
Pre-development consultation and technical workshops	Technical consultations with GICHD to review requirements, architecture and integration approach			
Software development – AIMS	Development of Ammunition Inventory Management System based on provided specifications and wireframes			
Software development – SIMS	Development of Surveillance Information Management System, based on provided specifications and wireframes, and integration with AIMS			
System integration and internal testing	Functional testing, debugging and refinement of system components			
Technical validation	Technical validation of system functionality with GICHD			
Technical documentation	Preparation of architecture documentation, system documentation and developer documentation			
Development support visits (if required)	Optional development consultation visits, overall cost based on estimated number of visits (travel to be itemised separately, see Table 2)			
Other development costs	Any additional development-related costs. Please specify: _____			
Total (CHF)				

Table 2: Travel Costs Quotation A (if applicable)

If travel is required, suppliers must clearly itemise travel costs separately.

Travel Item	Description	Units	Cost per unit (CHF)	Total (CHF)
Flights	International travel for deployment missions			
Accommodation	Accommodation during missions			
Per diem	Meals			
Local transportation	Local travel during missions			
Total (CHF)				

Quotation B. AIMS/SIMS Deployment, Implementation and Support

This quotation shall cover all costs associated with deployment and implementation of the software systems in partner countries, including training, installation, and post-deployment support.

Deployment will initially be conducted in Bosnia and Herzegovina and Moldova and must be completed by Q3 2028.

Table 3: Deployment Costs

Services	Description	Units	Rate (CHF)	Total (CHF)
Pre-deployment consultation	Technical preparation meetings with GICHD and partner authorities			
Deployment / installation visits	On-site installation and configuration of AIMS/SIMS			
Training visits	Delivery of training for national users and administrators, overall cost based on estimated number of training visits (travel to be itemised separately, see Table 4)			
Go-Live support visit	On-site support during initial operational deployment, overall cost based on estimated number of visits (travel to be itemised separately, see Table 4)			
Remote technical support	Remote support during deployment and troubleshooting			
Early Life Support	Technical support during the first three months after implementation, overall cost based on the estimated number of in-country support visits (travel to be itemised separately, see Table 4)			
Maintenance and Support Services (3 years)	Ongoing system maintenance, bug fixes, technical support and updates following deployment, governed by a Service Level Agreement (SLA). Cost should be based on the estimated level of remote support and potential in-country support visits (travel to be itemised separately).			
Other deployment costs	Any additional costs related to deployment			
Total (CHF)				

Table 4: Travel Costs Quotation B (if applicable)

If travel is required, suppliers must clearly itemise travel costs separately.

Travel Item	Description	Units	Cost per unit (CHF)	Total (CHF)
Flights	International travel for deployment missions			
Accommodation	Accommodation during missions			
Per diem	Meals			
Local transportation	Local travel during missions			
Total (CHF)				

Quotation C: Service Level Agreement

Suppliers are also expected to propose a **Service Level Agreement (SLA)** covering:

- software maintenance
- bug fixes
- security updates
- technical support
- system upgrades

Table 5. SLA

Please indicate the cost of extending maintenance and support services to additional countries beyond the initial deployment locations.

SLA Service	Description	Annual Cost (CHF)
Maintenance and technical support		
Security updates		
System upgrades		