



To Whom it might concern

Market Survey for Battlefield Management Systems (BMS)

Request for Information (RFI) no 2-7/24/2818

Estonian Centre for Defence Investments (ECDI) is conducting a market survey to gather information on modern suite BMS application in Tactical Communications Networks (TCN) that can provide core capabilities for Command and Control (C2).

The aim is to acquire fast, accurate, secure and reliable system, supporting automatized operational tasks in the operational environment from tactical level to joint echelons.

The Goods and Services are financed in the framework of the European Peace Facility Contribution Agreements (including Contribution Agreements No. EPF/2022/27), signed by the Buyer and the European Commission as administrator for Assistance Measure under the European Peace Facility to support the Armed Forces of the Republic of Moldova.

End user: Armed Forces of the Republic of Moldova

Delivery terms and conditions: INCOTERMS 2000 DAP

Environment

The BMS will be used in co-existence with existing equipment and services and shall provide HQ, Brigade and Battalion, with the following services:

HQ/ Brigade

- Communications for Command, Logistic and Administration;
- Computerized Planning Aid;
- Collaborative Working Environment;
- Common Operational Picture;
- Real/near-real time BFSA (Blue Force Situation Awareness);
- Formatted messaging, requests and alerts;
- Data exchange within subordinate units.

Battalion

- Communications for Command, Logistic and Administration;
- Common Operational Picture;
- Real/near-real time BFSA (Blue Force Situation Awareness);
- Formatted messaging, requests and alerts;
- GPS reporting services;
- Voice communication.

Requested Information

1. Product information, such as:

- Comprehensive description of the Battlefield Management System offered.



- Technical specifications (a questionnaire can be found in Annex 1):
 - Hardware components (e.g. computers, sensors, communication devices);
 - Command and Control functionalities (e.g., situational awareness, decision support, real-time data processing);
 - Communication and interoperability with other systems;
 - User interface and ease of operation (incl. security features and protocols).
2. Performance Capabilities
- Data accuracy, processing speed, and real-time situational awareness capabilities.
 - Interoperability with existing allied systems (NATO, EU and or others) and multi-domain operations.
3. Support Details
- Available training and support services (incl. warranty and post-sales terms);
 - Compatibility with existing military infrastructure and systems.
4. Cost and Maintenance
- ROM per unit/ license;
 - Upgradability and future-proofing measures;
 - Total cost of ownership over a typical lifecycle of five (5) years.
 - Please fulfill the table 2 (SW and HW components)
5. Compliance and Standards
- Company background and experience in BMS development;
 - Certifications and compliance with industry, military and safety standards.

We kindly request your response and fulfilled tables by electronically via e-mail or other way electronically, but no later than **11 of JULY 2024**.

If you have any questions or require further clarification, please do not hesitate to contact Mr Priit Soosaar, Strategic Category Manager (C4I, Cyber & Radars), e-mail priit.soosaar@ecdi.ee.



	System Capabilities and Features Description	Demonstration of Compliance	Compliant / Not Found	Remarks
	Please specify whether the offered solution has the following capabilities:			
	Provision of Situational Awareness <i>Tool that provides real/near-real time BFSA (Blue Force Situation Awareness) and recognized ground picture (RGP)</i>			
	Operational Layers Management <i>Tool that allows create, delete, upload, export, import, and send operational layers</i>			
	Dissemination services <i>Tool that allows to generate operational documents in accordance with STANAG 2014 and STANAG 2199 and disseminate it over WAN/LAN and radio networks</i>			
	Course of Actions (CoA) management <i>Tool that allows generating / editing scenarios to support OPP / MDMP during mission planning process</i>			
	TASK management <i>Tool that allows create, edit, add, delete, merge ORBAT/ TASKORG structure and disseminate it over WAN/ LAND and radio networks</i>			
	Report management <i>Tool that enables to generate and disseminate reports and requests in accordance with ADatP-3 standards</i>			



Unit position and status management <i>Tool that enables to edit and configure reports, that are include information related to position and status changes</i>			
Route planning <i>Tool that generates routes in preparation of a marching mission between locations</i>			
Track history <i>Tool that records history of tracks and actions</i>			
After-action review <i>Tool used for debriefing after mission assessment</i>			
Geospatial data tool/ management <i>Supportability of georeferenced raster and vector maps used by NATO. Terrain analysis based on Line of Sight, Radial Sight and View shed Sight. Supportability of common coordinate and projection systems used by NATO</i>			
Tactical Chat <i>Chat tool with necessary accessories that allows to send and receiver files, attachments, text messages and alerts via WAN/LAN and tactical radio</i>			
NATO Joint Symbologie <i>Tool that generates all military symbols that are in accordance with APP-6</i>			



Network Service for Tactical Radios <i>Dedicated communication service that acts as a gateway in order to provide data exchange</i>			
NATO FFI <i>Supportability of ADatP-36 standard</i>			

TABLE 2 "PRICING INFORMATION

No	Equipment Description	Quantity	UNIT Price (EURO)	TOTAL Price (EURO)	Delivery time with weeks	Comments
1	USER WORKING STATION "Getac X600 Laptop Barebone: GETAC X600 TAA, Intel Core i5-11500H Max. 4.6GHz, 15.6" LCD FHD, 16GB DDR4 Memory, 512GB SSD, WIFI + BT, RS232, 2x RJ45, VGA, Thunderbolt 4, 2x Battery (75Wh) Notebook AC Adapter: AC Adapter 100/240V (Included) Operating System: Pre-installed Windows 11 Pro 64-bit Edition Warranty: 3-Year"	66				
2	MS Office 2021, Home & Business	66				
3	HQ CLIENT license	66				
4	Transport Case	66				
5	Friendly Force Tracking Service (FFT) server license	6				
6	Data Exchange Mechanist Service (DEM) server license	6				
7	Tactical Network Service (TNS) server license	6				
8	HQ SERVER license	6				
9	INTERACTIVE GEO SERVER	6				
10	TRANSPORTATION to MOLDOVA INCOTERMS 2000 DAP	1				
11	Other potential solutions what might be needed	TBD				