

REQUEST FOR INFORMATION

Ministry of Defense of Republic of Latvia

1.0 Description

1.1 The Ministry of Defense of the Republic of Latvia (MoD) is issuing this Request for Information (RFI) in seeking information on how an interested contractor could provide Battle Management, Command, Control, Communications, Computers and Intelligence (BMC4I) system.

1.2. THIS IS NOT A SOLICITATION FOR PROPOSALS. THIS IS A REQUEST FOR INFORMATION (RFI) ONLY. This RFI is for planning and informational purposes only and shall not be considered as a request for proposal or as an obligation on the part of the Government to acquire any products or services. No entitlement to payment of direct or indirect costs or charges by the MoD will arise as a result of contractor submission of responses to this RFI or the MoD's use of such information. MoD reserves the right to reject, in whole or in part, any contractor's input resulting from this RFI. No contract will be awarded from this RFI. Data submitted in response to this RFI will not be returned. Information is being requested as part of the process to identify the possible Communication and Information System (CIS) and Battle Management System (BMS) in order to create comprehensive Battle Management, Command, Control, Communications, Computers and Intelligence (BMC4I) system for National armed forces (NAF).

2.0 Statement of Objectives

The proposed systems will fulfill either one or all of the requested capabilities

- 1) Communication and Information System (CIS);
- 2) Command and Control Information System
- 3) Battle Management System (BMS).

The objective of this process is to assess current capabilities within your country's defense industrial base, particularly as they relate to BMC4I capabilities. As a result of issuing this RFI, the Government expects to receive technical data describing the proposed concept and innovative methodology information to assist in programmatic planning. This information will be used to: (1) Determine the ability of current and near term emerging technology to support a C4, CIS and BMS capabilities; (2) Identify feasible system concept alternatives; (3) Determine the approximate/relative cost information (given complexity) for each proposed concept and (4) Determine the estimated performance characteristics, goals, and/or projections associated with each proposed concept.

System demands include availability for all battle management echelons, mobility, manpower efficiency, capability to ensure robust, seamless high volume information exchange between HQ and units as well as interoperability with existing Communication and Information System equipment (HARRIS). Both systems from one supplier will be viewed as advantage. Future projects, and prototype or systems in testing phase will be evaluated as an option.

2.1 Requirements for BMC4I system are the following:

System must be capable of providing BMC4I functions for NAF needs in Latvian territory as well as to ensure seamless cooperation with coalition forces

outside Latvian borders. System must comply with existing NATO standards for BMC4I systems. The main BMC4I systems parameters are the continuity of communications, mobility, speed of the deployment, data transfer capacity and speed, security of information transfer, protection and redundancy. Specific capabilities for CIS, C4 and BMS systems are outlined below.

2.2 CIS system must provide following capabilities

- a) Battle management and operation of HQ;
- b) Voice, data, photos and video transmission;
- c) Internet access, e-mail, chat;
- d) Telephone and video conferencing;
- e) Ability to work in a single (shared) virtual environment;
- f) Dissemination of information between the command post and down to individual soldiers;
- g) "Network connected".

All CIS system capabilities are required for both stationary and mobile command posts.

2.3 Command and Control System must provide following capabilities

- a) Current situational awareness;
- b) "Blue force tracking";
- c) Geospatial information integration;
- d) Layer management;
- e) Management of plans and orders;
- f) ORBAT management;
- g) Messaging among users
- h) Reporting
- i) Friendly user interface
- j) Compatibility with COTS used computers;

2.4 BMS system must provide following capabilities

- a) „Blue force tracking”, including personnel, armaments, munitions and other parameters;
- b) Situational Awareness, incident and event collection and sorting depending on the weather, terrain category or sector, standardized reporting (*Reports and Returns*);
- c) Preparation and dissemination of Operational plans;
- d) Terrain analysis and visualization (vision lines, 2 and 3 dimensions);
- e) Movement and maneuver planning, tactical battle situation modeling, planning of fire coverage;
- f) Creation of tactical overlay layer, and transmission over the Internet or via radio;
- g) Convenient loading of maps from the internet or media;
- h) Compatibility with COTS used computers;
- i) Compactness of basic program package – program does not take up a large computer system memory resources;

- j) Option to install hand-sized computers.

3.0 Responses

3.1 Responses to this RFI should be written in ENGLISH. Responses to this RFI should not exceed fifty (50) pages for each system and must contain the following information:

- 1) Capabilities the system can deliver:
 - a) See bullet 2.2. and 2.3.;
 - b) Any additional information if deemed necessary.

- 2) Technical data:
 - a) All the information on the technical data company deem essential for the evaluation of submitted system or systems.

- 3) Pricing information:
 - a) Initial system cost;
 - b) System support cost (if necessary);
 - c) Personnel training and maintenance costs (training courses, manuals, simulators, etc.);
 - d) Price of additional capabilities according to requirements ;

- 4) Availability of maintenance/support;
- 5) Clearly mark any information that is proprietary;
- 6) Additional information if necessary.

3.2 Responses are due by 1 October, 2015 COB. Both e-mail and mail submittals will be accepted. Please send e-mail response to the kanceleja@mod.gov.lv. Mailed responses should be sent to: **Ministry of Defence of Republic of Latvia, K.Valdemāra Str. 10/12, Rīga, Latvia, LV-1473**. Please mark e-mails and letters with the words "BMC4P".

4.0 Contracting Office Address:

Ministry of Defence of Republic of Latvia,
K.Valdemāra Str. 10/12,
Rīga, Latvia,
LV-1473