

NCIA/ACQ/2025/07200
08 September 2025

Market Survey – Request for Information

Project Title: CB Global Application

NCI Agency Reference: MS-424292-CBG

The NATO Communications and Information Agency is seeking information from NATO Nations and their Industry regarding the availability of solutions among all NATO Nations.

NCI Agency Point of Contact

Principal Contracting Assistant: Emira Kapetanovic

E-mail: MS-424292-CGB@ncia.nato.int

To : See Distribution List (Annex A)

Subject : **NCI Agency Market Survey
MS-424292-CBG**

1. The NCI Agency requests the assistance of the Nations and their Industry to identify potential Service Providers that can meet or exceed all requirements under the scope of this project.
2. NCIA requests the broadest possible dissemination by the NATO Nations of this Market Survey - Request for Information ("RFI") to their qualified and interested industrial base.
3. This is a Request for Information (RFI). It is NOT a solicitation for proposals nor a pre-solicitation notice.
4. A summary of the requirements is set forth in the Annex B attached hereto.
5. Respondents are requested to follow the instructions and reply via the questionnaire at Annex C. Other supporting information and documentation is also welcome.

6. The NCI Agency reference for this Request for Information is MS-424292-CBG, and all correspondence and submissions concerning this matter should reference this number.
7. Responses may be issued to NCI Agency directly from Nations or from their Industry (to the staff indicated at Paragraph 11 of this Request for Information). Respondents are invited to carefully review the requirements in Annex B to determine interest for MS-424292-CBG.
8. Responses shall in all cases include the name of the firm, telephone number, e-mail address, designated Point of Contact, and an UNCLASSIFIED description of the capability available and its functionalities. This shall include any restrictions (e.g. export controls) for direct procurement of the various capabilities by NCI Agency.
9. Non-binding product pricing information is also requested as called out in Annex C.
10. Responses are due back to NCI Agency no later than **17:00 Brussels time on 06 October 2025**.
11. Please send all responses via email to the following NCI Agency Point of Contact:

To Attention of: Emira Kapetanovic
E-mail: MS-424292-CGB@ncia.nato.int
12. At this stage, clarification requests or any further questions are not accepted in return. NCI Agency reserves the right to invite respondents to explain their proposed tools.
13. Respondents are requested to await further instructions after submission of their responses regarding any potential future bidding process, and are requested to contact only the NCI Agency POC identified above in Paragraph 11 above with any further requests for information or clarification.
14. Any response to this Request for Information shall be provided on a cost-free voluntary basis.
15. Not responding will not prejudice or cause the exclusion of companies from any future procurement that may arise from this Market Survey RFI. Responses to this request, and any information provided within the context of this survey, including but not limited to pricing, quantities, capabilities, functionalities and requirements will be considered as information only and will not constitute a commitment or obligation on the part of NCIA/NATO to enter into any procurement process or make any purchase.
16. Interested parties are responsible for adequately marking proprietary or competition sensitive information contained in their response.
17. NCIA reserves the right, at any time, to cancel this market survey, partially or in its entirety. No legal liability on the part of NCIA for payment of any sort shall arise and in no event will a cause of action lie with any prospective participant for the recovery of any costs incurred in connection with the preparation of documentation or participation in response hereto. All



effort initiated or undertaken by prospective market survey participants shall be done considering and accepting this fact.

18. Your assistance in this Market Survey request is greatly appreciated.

For the Chief of Acquisition:

Emira Kapetanovic
Principal Contracting Assistant

Enclosures:

Annex A (Distribution List)

Annex B (Request for Information Summary of Requirements)

Annex C (Request for Information Questionnaire)

ANNEX A

Distribution List for Market Survey
MS-424292-CBG

All NATO Delegations (Attn: Investment Adviser)
All NATO Members Embassies in Brussels (Attn: Commercial Attaché)
NCI Agency – All NATEXs
NCI Agency – (reserved)

ANNEX B

Summary of Requirements

MS-424292-CBG

B.1 Introduction

[1] The NCI Agency is issuing a market survey in order to identify available nowcasting of severe weather solutions (interactive portals) on the market that fulfil the requirements presented below. At this stage, NCIA is willing to evaluate all available solutions on the market which can provide a capable and cost effective solution to NATO in order to provide all essential aviation weather support.

Meteorological and Oceanographic (METOC) support is crucial for achieving mission success, which includes the reliable, resilient and flexible execution of missions whilst upholding high readiness. Meteorological Support for Operations includes a wide field of tasks and requirements in order to provide all essential aviation weather support. For the safety and operational efficiency of mission flights, it is crucial to provide nowcasting of severe weather, monitoring during flights, and assistance in the event of severe weather conditions.

Three examples of the requirement for METOC support are:

- In the NATO ACO METOC structure, the function of the NAEW&CF E-3A Airborne Warning and Control System (AWACS) is to provide prepared and agile Air Battle Management and Command & Control to NATO
- AIRCOM delivers operational METOC support tailored to air force operations
- ACO Strategic Warfighting Headquarters and subordinated commands are tasked to provide situational awareness for their respective commanders.

B.2 Project Scope

[1] The vendor will provide an efficient and mission-specific nowcasting and in-flight monitoring to NATO; the solution will also need to generate a data set which can be ingested and monitored on NATO Automated Meteorological Information System (NAMIS).

[2] NCIA hosts NAMIS to provide direct weather support to NATO-led operations by providing coherent, comprehensive, and harmonized weather information and products throughout the NATO Command Structure (NCS). There are three main apps in NAMIS Application Service:

- NAMIS X (the application for production and visualization of MetOc data)
- Moving Weather (Meteorological Data Transmission and Routing System) – responsible for feeding NAMIS X with data.
- NMD-Web (NATO Meteorological Data Web Viewer) - visualization tool for Meteorological products.

These data set will be gathered by Moving Weather tool and forwarded to NAMIS in order to ingest and visualize based on the configuration performed by NAMIS Team.

B.3 Requirements/Functionalities

[1] For efficient and mission-specific nowcasting and in-flight monitoring, the system has the following requirements for real time generating of situational awareness regarding severe weather:

1. Monitoring of developing Cumulonimbus Clouds (CB) /Thunderstorm cells.
2. Display of growing CB clouds and clusters on a graphical user interface which has map capability and this capability shall enable the user to scroll around the Area of Responsibility (AOR) and to zoom in and out.
3. Display of direction and speed of movement on an interactive map of growing CB clouds and clusters.
4. Display of direction and speed of movement on an interactive map of mature CB clouds and clusters with forecast positions for timesteps of preferably not more than 5 minutes.
5. Display of Lightning Cells on an interactive map with direction of movement.
6. Display of forecast of turbulence areas associated with growing or mature CBs on an interactive map.
7. Overlay of satellite images with possibility to adapt transparency.
8. Delay time for updated information should be kept to a minimum as far as technically possible: 5 minutes or less for CB's and Turbulence Cells; for lightning data an update cycle of 2 minutes.
9. "Mouseover" option to display geographical position, speed of movement and top of cloud.
10. Pop up with detailed information about the assigned area.
11. The severe weather information will be displayed on the NATO Meteorological Information System therefore this data with the compliant format (as GeoJSON (or other OGC Standards)) shall be provided by the vendor.

ANNEX C

NCI Agency Reference: MS-424292-CBG

MS-424292-CBG Instructions & Questionnaire

INSTRUCTIONS

- NCIA is conducting market research to identify potential sources and gather information regarding industry capabilities to support CB Global Application Project. This Request for Information (RFI) is issued solely for informational purposes and does not constitute a Request for Proposal (RFP), Request for Quotation (RFQ), or invitation for bid.
- This MS is an opportunity for NCIA to better understand the market and current industry capabilities for the requirements given in Annex B Section B.3. The answers to the following questions will be treated in confidence and kept internally for NATO use only. In this context, negative answers to these questions are as important as positive ones.
- Please answer the following set of questions for each requirement, as we are interested in gathering information for each requirement separately.
- You may either enter your responses under the questions on the following pages, or use a separate document to provide your responses.
- If any assumptions are made in your response, please ensure they are clearly stated and identified as such.
- Please do not enter any general company marketing or sales material as part of your specific responses within this Market Survey RFI. Please submit such material as enclosures with the appropriate references within your replies.
- Please do try and answer the relevant questions as comprehensively as possible, providing as much detail as necessary.
- All questions within this document should be answered in conjunction with the summary of requirements in Annex B.
- Cost details requested in the questions refer to Rough Order of Magnitude (ROM) Procurement & Life Cycle cost, not a binding offer. Please include all assumptions the estimate is based upon.
- There are no minimum or maximum page limitations.
- Use the following subject line for submission. "Response to MS-424292-CBG – [Company Name]"

QUESTIONNAIRE

General Questionnaire

- Do you have, in service, currently used and/or deployed (collocated) a portal that currently meets the current requirements as detailed in Annex B;

- Provide details of where it is used and deployed and number of users

- Is it deployed in the military environment, if so where?

- Is it currently operating in classified domain?

- If not, how can it be adapted to enable this?

- If adaptation is required, what is the adaptation schedule?

- How long has the system been in operation?

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- What is the current in service support package?

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- What is the current training available?

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- What is the current licencing policy, and how will it be modified for NATO usage?

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Detailed Questions

1. Solution

- a) Please indicate the requirements/functionalities given in Annex B Section B.3 that your proposed system/technology is compliant with (entirely or partially). For each of these, provide details how the requirement is fulfilled. Add as many lines as needed to the table below:

| Requirement Number | Compliant (Fully/Partially) | Details/Observations |
|--------------------|-----------------------------|----------------------|
| 1 | | |
| 2 | | |
| 3 | | |
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| 7 | | |
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| 9 | | |
| 10 | | |
| 11 | | |

- b) Is your proposed system/technology currently in active service as a COTS solution? If so, where and what types of support does your organisation currently provide for such a capability?

- c) Please provide an estimate of license and support fees for your current COTS solution.

- d) Commercial Aspects

- Are there any restrictions on the use and deployment (as a future capability) of the portal solution within NATO?
- Are there any supplementary agreements or export control requirements?

- e) ROM price data

- Please provide Rough Order of Magnitude pricing data for the proposed system,

- Please include separate pricing for the Life Cycle aspects of the proposed solution.

2. Previous NATO or Equivalent National Defence Experience

- a) Does your company have experience in achieving Security Certification and Accreditation in NATO or equivalent national defence process? Please list applicable past projects where such certifications were achieved.

- b) Does your company have experience in achieving approval through the NATO Request for Change (RFC) or an equivalent national defence process? Please list applicable past projects.

3. Data Formats

Please specify what type of data standards (i.e. GeoJSON) will be provided and how these data will be transferred to NATO Networks (i.e. connectivity via sftp etc.)