

## Notification of Intent to Invite Bids

*Method: International Competitive Bidding (ICB)*

### Delivery of Reinforcement Enablement Simulation Tool (REST) to Joint Support and Enabling Command (JSEC)

**NCI Agency Reference #: IFB-423262-REST**

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**Estimated Amount:** 5.0M Euro

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**NOI Closing Date:** 29 November 2024

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**Solicitation Release Date:** Anticipated on 2 December 2024

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**Solicitation Closing Date:** Anticipated on 28 February 2025

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**Contract Award Date:** Anticipated on 1 July 2025

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**Competition Type:** ICB Lowest Priced Technically Compliant

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The NCI Agency hereby notifies the NATO Nations of its intent to invite bids for the procurement of Reinforcement Enablement Simulation Tool (REST) to Joint Support and Enabling (JSEC).

#### ***\*\*Neo eProcurement Registration\*\****

*Attention Suppliers,*

*The NCI Agency is stepping into a new era of procurement. We have launched an eProcurement tool, Neo, to make our collaborations smoother, faster, and more transparent. If you are keen to do business with us, you will need to register in [Neo](#). This tool will offer suppliers visibility into past, current and upcoming business opportunities, and streamlines the competition cycles, contract awards, and account management.*

#### **NCI Agency Point of Contact**

Tiago Brito, Contracting Officer

**Email:** [IFB-423262-REST@ncia.nato.int](mailto:IFB-423262-REST@ncia.nato.int)

#### **Annexes:**

- A. Summary of Requirements
- B. Distribution List

**To** : Distribution List

**Subject** : **Notification of Intent to Invite Bids for Delivery of Reinforcement Enablement Simulation Tool (REST) to Joint Support and Enabling Command (JSEC)**

**References** : **A.** BC-D(2018)0004-FINAL, BC Budget Procurement Guidance

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1. In accordance with Reference A, the NCI Agency, as the Host Nation responsible to implement the project in subject, hereby gives notice of its intent (NOI) to issue an Invitation for Bid (IFB) for Delivery of Reinforcement Enablement Simulation Tool (REST) to Joint Support and Enabling Command (JSEC), hereafter referred to as the "Project".
  2. A high-level summary of the Project's technical requirements is set forth in Annex A hereto. These requirements are being refined and will be included in further details as part of the IFB.
  3. The reference for this Project is IFB-423262-REST, and all correspondence concerning this NOI and subsequent IFB should reference this number.
  4. The NCI Agency plans to issue an IFB using the International Competitive Bidding (ICB) Procedure for Lowest Priced Technically Compliant (LPTC) evaluations. A single, firm-fixed price contract is planned for the entire scope of work.
  5. Eligibility to participate in the subsequent IFB is declared by national authorities. Hence, qualified and certified companies interested in receiving the IFB for this Project are hereby requested to provide a Declaration of Eligibility (DoE), **sent** by their Delegation/Mission to NATO to the NCI Agency contracting authority not later than 29 November 2024.
    - a. In addition to the certification of the company's security clearances required under this NOI, the DoE should include the following information for each of the nominated companies:
      - Company name
      - Company address
      - Point of Contact (PoC)
      - PoC email address
      - PoC telephone number
    - b. This information is critical to enable prompt and accurate communication with prospective bidders and should be sent electronically to [IFB-423262-REST@ncia.nato.int](mailto:IFB-423262-REST@ncia.nato.int).
  6. In order to maximize competition the NCI Agency may, at its discretion, accept nominations after the deadline, so long as the IFB has not been issued. The NCI Agency may even accept, at its discretion, nominations after the IFB has been issued under the condition that such late nomination will not be used as the basis to request an extension to the bid closing date.

7. Requests for participation in this competition received directly from individual companies will not be considered.
8. Bidders will be required to declare a bid validity of 6 months from bid closing date. Should the selection and award procedure exceed the bid closing date by more than 6 months, companies will be requested to voluntarily extend the validity of their bids accordingly. Bidders may decline to do so, withdraw their bid and excuse themselves from the bidding process without penalty.
9. National authorities are advised that the IFB package is anticipated to be NATO UNCLASSIFIED. However, the IFB and the contractual documents could contain references to other NATO documents classified as NATO SECRET.
10. The successful bidder will be required to handle and store classified information up to the level of NATO SECRET. In addition, contractor personnel will be required to work unescorted in Class II Security areas. Therefore, access can only be permitted to cleared individuals. Only companies maintaining such cleared facilities and the appropriate personnel clearances will be able to perform the resulting contract.
11. The NCI Agency reserves the right to cancel, suspend, or withdraw this NOI at its own discretion and at any time. The NCI Agency is not liable for any expenses incurred by companies in conjunction with their responses to this NOI and such responses shall not be regarded as a commitment of any kind concerning future procurement of the items or services described herein.
12. Your assistance in this procurement is greatly appreciated.

**For the Chief of Acquisition:**

Tiago Brito  
Contracting Officer

## Annex A – Summary of Requirements

### 1. Project Objective

SACEUR's ability to execute the Regional and Subordinate Strategic Plans is underpinned by Joint Support and Enabling Command (JSEC)'s establishment of a fit-for-purpose Reinforcement and Sustainment Network (RSN) and the optimal functionality of its components.

JSEC refers to this solution as the Reinforcement Enablement Simulation Tool (REST) Commercial off-the-shelf.

The purpose of REST is to model and develop the RSN, consisting of Physical and Functional elements, in order to ensure and facilitate the execution of the Reinforcement by Forces and Sustainment Flow. REST will be able to simulate plans, analyse the network and disseminate the result within NATO. It will make predictive analysis based on recent events, historical data and other parameters defined by users.

REST will be dependent on multiple sources of information and data (NATO sources and open sources) to be processed in real time with a minimum of manual tasks that will be reduced to validation or manual input to update or augment missing information. Therefore, interoperability with existing NATO Functional Area Services (FASes) like LOGFAS, TOPFAS, JOCWatch and automatic import from open data sources is extremely important.

REST will have the functionality to simulate a deployment plan, assess the feasibility/efficiency of it and produce an updated deployment plan based on this assessment. The simulation will be based on real data and scenarios. This tool must have a training capacity to enable the preparation of the forces.

Given the high volume of data that will be required to be processed in the simulation process, any proven technology already integrated or that could be easily integrated in the simulation tool would be considered as a key advantage.

Considering the timeframe and the results of the latest market survey, NCIA envisages REST to be derived from a Commercial off-the-shelf (COTS).

### 2. Scope of Work

Software acquisition (COTS) as a baseline for configuration and adaptation will mainly include the following:

- Deliver a capacity to model and develop the RSN and analyse the network;
- Deliver a capacity to simulate and assess the plans feasibility for movement, transportation and sustainment flow;
- Consume CoreGIS Geo map service and provide a visualization feature;

- Integrate NATO and public data as reference for “static” information;
- Integrate NATO and public data as event or environment information;
- Establish interoperability with LOGFAS, CoreGIS, JOCWatch and NCOP and other relevant NATO systems (existing or future);
- Upgrade Recognized Logistic Picture to interface with NCOP.

The Statement of Work (SOW) will include:

- Project management;
- Software design, development, testing, and integration;
- Validation and verification;
- Deployment, installation, and activation;
- Service and support;
- Training development and delivery.

Annex – User Stories of the SOW will describe the functional and non-functional requirements.

### **3. Period of Performance**

The Project is expected to start on 1 August 2025 and end on 31 December 2026.

Following Contract Award, the delivery of the initial baseline is expected in December 2025 (PSA), followed by a final baseline in December 2026 (FSA).

### **4. Agile Methodology**

The contract will follow the agile software development methodology.

### **5. Technical Constraints**

COTS with adaptations shall fit the user requirements and the enterprise network.

The contractor shall use the MS Azure development environment in NATO Software Factory.

REST shall be deployed on a classified network with limited access to public data sources.

Software engineering aspects of the Project will be specified in the IFB.

## 6. Warranty and O&M Support

Following acceptance of the final operational delivery, the contract will require one-year warranty for any software delivered.

Operation & Maintenance support is not in the scope of this project, but will be an evaluated option and may be activated post Final System Acceptance.

## Annex B – Distribution List

### NATO Delegations:

Albania	Greece	Poland
Belgium	Hungary	Portugal
Bulgaria	Iceland	Romania
Canada	Italy	Slovakia
Croatia	Latvia	Slovenia
Czech Republic	Lithuania	Spain
Denmark	Luxembourg	Sweden
Estonia	Montenegro	The Republic of Türkiye
France	Netherlands	The United Kingdom
Finland	North Macedonia	The United States
Germany	Norway	

### Embassies in Brussels (Attn: Commercial Attaché):

Albania	Greece	Poland
Belgium	Hungary	Portugal
Bulgaria	Iceland	Romania
Canada	Italy	Slovakia
Croatia	Latvia	Slovenia
Czech Republic	Lithuania	Spain
Denmark	Luxembourg	Sweden
Estonia	Montenegro	The Republic of Türkiye
France	Netherlands	The United Kingdom
Finland	North Macedonia	The United States
Germany	Norway	

### NCI Agency – All NATEXs