

06 August 2021

**Notification of Intent to Invite Bids**

**Ballistic Missile Defence Increments 1&2 Functions  
for NATO Common Operational Picture  
Delivery**

**Short Title: NCOP BMD Delivery**

**IFB-CO-115461-NCOPBMD**

**Estimated Value: 24.24 MEUR**

The NCI Agency is seeking a Contractor to deliver BMD Functionality for NCOP (WP1), associated In-Service Support (WP2), and Operation and Maintenance Services.

The Agency anticipates issuing the formal Invitation for Bid (IFB) in Quarter (Q)4 2021 with an anticipated Contract Award by Q4 2022.

**NCI Agency Point of Contact**  
**Senior Contracting Officer, Ijeoma Ike-Meertens**  
[CO115461NCOPBMD@ncia.nato.int](mailto:CO115461NCOPBMD@ncia.nato.int)

**To:** Distribution List

**Subject:** **Notification of Intent to Invite for Bids**  
**NCOP BMD Delivery**

**IFB-CO-115461-NCOPBMD**

Reference(s): **A.** AC/4-D/2261 (1996 Edition), Procedures for International Competitive Bidding  
**B.** AC/4-D(2008)0002-REV2, dated 15 July 2015, Best Value Evaluation Methodology  
**C.** NATO Investment Committee Decision Sheet, AC/4-DS(2021)0015, dated 09 July 2021

1. In accordance with Reference A, the NCI Agency, as the Host Nation, hereby gives notice of its intent (NOI) to issue an Invitation for Bid (IFB) for Ballistic Missile Defence Increments 1&2 functions for NATO Common Operational Picture Delivery (NCOP BMD Delivery).
  - a. **WP1: Deliver NCOP-BMD Functionality:** This work package comprises the activities for developing and delivering the NCOP BMD functionality and interfaces, including transition of support.
  - b. **WP2: Provide NCOP-BMD In-Service Support:** This work package comprises all the activities to provide in-service support to the fielded baselines prior to Final System Acceptance (FSA).

2. A high-level summary of the technical requirements of the Invitation for Bid is set forth in  
NATO UNCLASSIFIED

Annex B of this letter. The NCI Agency will include all of the technical details in the Invitation for Bid.

3. The reference for the Invitation for Bid is **IFB-CO-115461-NCOPBMD**, and all correspondence concerning this IFB should reference this number.
4. For planning purposes:
  - a. the estimated cost of the project is 24.24 MEUR.
  - b. the period of performance of the resulting contract is expected to be 13 years, broken down as:
    - i. 8 years from Date of Contract Award until Final Systems Acceptance (FSA). Embedded within these 8 years is 5 years of "WP 2: In-Service Support" beginning from Provisional System Acceptance (PSA) until FSA, and;
    - ii. 5 years of Operation and Maintenance (O&M) support.
5. The NCI Agency will use the International Competitive Bidding (ICB) Procedure, best value (BV) evaluation. The successful bid for the NCOP BMD Delivery, pursuant to the IFB following this NOI, will be the bid which is deemed to offer the **best value** in accordance with predefined bid evaluation criteria, which for the contract will be detailed in the IFB. The top-level criteria weightings will be 60% Technical and 40% Price.
6. National Responsible Authorities are kindly requested to provide a Declaration of Eligibility (DoE) to the NCI Agency, **not later than 13 September 2021**, which is 35 days after the date of this letter, of any qualified and certified companies that may be interested in receiving an IFB for this project.
7. The DoE shall have the following information for each of the nominated company:
  - a. Company Name
  - b. Company Address
  - c. Point of Contact (POC)
  - d. POC E-mail address
  - e. POC Telephone Number
8. This information is critical to enable prompt and accurate communication with prospective Bidders. The DoE shall be sent by email to the following point of contact:

NATO Communications and Information Agency  
Attention: Ijeoma Ike-Meertens, Senior Contracting Officer  
E-mail: [CO115461NCOPBMD@ncia.nato.int](mailto:CO115461NCOPBMD@ncia.nato.int)
9. Please note that requests for participation in this competition received directly from individual companies shall not be considered.
10. The NCI Agency anticipates issuing an IFB in Q4 2021 with a bid closing date of 84 days following the IFB release. A Contract award is anticipated for Q4 2022. No partial bidding will be accepted.
11. Bidders will be required to declare a bid validity of twelve (12) months from closing date for receipt of bids. If the selection and award procedure exceed the bid closing date by more

than twelve (12) months, the NCI Agency may request firms to voluntarily extend the validity of their bids and the bid guarantee accordingly. Bidders may decline to do so, withdraw their bid and excuse themselves from the bidding process without penalty.

12. The National Authorities are advised that most of the IFB package will be NATO UNCLASSIFIED; a small set of Annexes to the Statement of Work will be NATO RESTRICTED.
13. The successful Bidder may be required to handle and store classified information up to the level of "NATO RESTRICTED". In addition, execution of the proposed contract may require, in accordance with NATO Security Policy C-M(2002)49, personnel of the successful Bidder to be required to hold individual security clearances of "NATO SECRET". Only firms maintaining such cleared facilities and the appropriate personnel clearances will be able to perform the resulting contract.
14. The NCI Agency point of contact for all information concerning this NOI is the undersigned at email: [CO115461NCOPBMD@ncia.nato.int](mailto:CO115461NCOPBMD@ncia.nato.int)
15. Your assistance in this procurement is greatly appreciated.

For the Director of Acquisition:



Ijeoma Ike-Meertens  
Senior Contracting Officer

**Attachment(s):**

Annex A- NOI Summary Information  
Annex B- Summary of the Requirements

## ANNEX A – NOI Summary Table

1	<b>Reference#</b>	IFB-CO-115461-NCOPBMD
2	<b>Description</b>	Ballistic Missile Defence Increments 1&2 Functions for NATO Common Operational Picture Delivery
3	<b>Period of Performance</b>	<ol style="list-style-type: none"> <li>1. 13 years, broken down as follows: <ol style="list-style-type: none"> <li>a. 8 years from Date of Contract Award until FSA. Embedded within these 8 years is 5 years of “WP 2: In-Service Support” beginning from Provisional System Acceptance (PSA) and;</li> <li>b. 5 years of Operation and Maintenance (O&amp;M) support.</li> </ol> </li> </ol>
4	<b>Estimated Value to include O&amp;M</b>	24.24 MEUR
5	<b>IFB Release</b>	Anticipated in Q4 2021
6	<b>Proposal Phase</b>	84 days
7	<b>Contract Award</b>	Anticipated in Q4 2022
8	<b>Competition Type</b>	<p>ICB Best Value</p> <p>Evaluation Weightings: 60% Technical / 40% Price</p>

## **Annex B – Summary of the Requirements**

### **1. Background**

- a. The Ballistic Missile Defence (BMD) Programme has been established to provide a verified architecture with the capability to defend NATO allies and deployed forces against the full range of Ballistic Missile (BM) threats. This BMD capability is provided by a system-of-systems that is composed of a NATO common-funded Battlefield Management, Command, Control, Communications and Intelligence (BMC3I) system, and interoperable with sensors and weapons systems provided by Allies. The BMD development involves the transition from this Baseline Capability TBMD/BMD, to a full BMD capability. Some key areas for this expansion are: full coverage of NATO European territory and population centres under threat; full integration of upper layer weapon systems and the consequent need to plan and execute pre-planned responses; the need to consider Consequence of Intercept (COI)/Consequence of Engagement (COE); greater focus on passive defence (military and civilian) and Support for Education, Training, Exercises and Evaluation (ETEE) for the BMD capability. NCOP-BMD will provide Situational Awareness (SA) related functions resulting from these key areas of expansion in the BMD capability.
- b. As a summary, NCOP-BMD will include the following main functions:
  - i. Monitor resource status, weapon system engagements; and display engagement start and end alerts.
  - ii. Display Ballistic Missile consequence estimations for force protection, in support of Passive Defence.
  - iii. Associate surveillance and planning data; compile the NATO Common Operational Picture (COP); include warnings in the NATO COP; provide rolling summaries; display the NATO COP with BMD enhancements; and provide access to the enhanced NATO COP.
  - iv. Calculate and display track trajectory extrapolation.
  - v. Provide separate user sessions for operations and exercises; mark exercise related information; initialise with geospatial information; and develop, initialise with and disseminate components of exercise specific settings and scenario.

### **2. Estimated Schedule**

- a. The release of the IFB is anticipated for Q4 2021 with Contract Award in Q4 2022.
- b. Following Contract Award, the first operational baseline of NCOP-BMD is anticipated to be released in Q3 2025, followed by a second baseline in Q3 2027 and a final baseline in Q2 2029.

### **3. Agile Methodology**

- a. It is planned that the contract will follow an agile methodology, using sprints and baselines to provide regular deliveries of working software. Generally speaking, it is expected that each sprint will last approximately two months, with 4 to 6 sprints in each baseline. The project will be covered by three baselines and each baseline will conclude when Approval to Operate (ATO) will be declared. Then, the baseline will be rolled-out on the authorised sites.

#### 4. Scope

- a. The scope of this project is split within two work packages:
  - i. **WP1:** Deliver NCOP-BMD functionality: This work package comprises the activities for developing, delivering and initially supporting the NCOP-BMD functionality. The major tasks to be carried out include Project Management, Requirements Analysis, Application Design, Coding, user involvement activities (such as user validation events), Testing and Verification, Security Accreditation and Transition.
  - ii. **WP2:** Provide NCOP-BMD in-service support: This work package comprises all activities to deliver In-Service Support to fielded baselines until FSA is achieved. In-Service Support activities will include resolution of any deficiencies reported by production sites, or by BMD Programme during PVS events and the delivery of any required software patches or updates to a future baseline.

#### 5. Key Personnel

- a. It is expected that the IFB will include requirements for the following Key Personnel:
  - iii. Project Manager
  - iv. Technical Lead
  - v. Test Director
  - vi. Quality Assurance Manager
  - vii. Integrated Logistics Support (ILS) Manager

#### 6. Technical Constraints

- a. NCOP-BMD will be deployed on multiple domains (i.e., NATO SΞCRET, NATO Unclassified, and Mission SΞCRET).
- b. During the deployment phase, patches may have to be applied. No more than two patches per baseline are expected.

#### 7. Warranty and O&M Support

- a. Following acceptance of the final operational delivery, the contract will require warranty for any software delivered.
- b. The contract is expected to include O&M support following acceptance of the final operational delivery.