

06 August 2021

Notification of Intent to Invite Bids

**Ballistic Missile Defence Increments 1&2 Functions
for NATO Common Operational Picture
Implementation to NATO sites
Short Title: NCOP BMD Implementation**

IFB-CO-115462-NCOPBMD

Estimated Value: 2.33 MEUR

The NCI Agency is seeking a Contractor to implement NCOP BMD to authorized NATO sites.

The Agency anticipates issuing the formal Invitation for Bid (IFB) in Quarter (Q)1 2022 with an anticipated Contract Award by Q1 2022.

NCI Agency Point of Contact
Senior Contracting Officer, Mrs. Ijeoma Ike-Meertens
CO115462NCOPBMD@ncia.nato.int

To: Distribution List

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

IFB-CO-115462-NCOPBMD

Reference(s): **A.** AC/4-D/2261 (1996 Edition), Procedures for International Competitive Bidding
B. 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; Implementation to NATO sites (NCOP BMD Implementation).

1. **NCOP-BMD implementation:** This work comprises the activities, required to provide on-line training material, plan, deploy and provide Operational Test and Evaluation (OT&E) for NCOP-BMD implementation to identified sites.

2. A high-level summary of the technical requirements of the Invitation for Bid is set forth in 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-115462-NCOPBMD**, and all correspondence concerning this IFB should reference this number.

NATO UNCLASSIFIED

4. For planning purposes:
 1. the estimated cost of the project is 2.33 MEUR.
 2. the period of performance of the resulting contract is expected to be 12 years, broken down as:
 - i. 7 years from Date of Contract Award until Final Systems Acceptance (FSA). and;
 - ii. 5 years of Operation and Maintenance (O&M) support.
5. The NCI Agency will use the International Competitive Bidding (ICB) Procedure. The successful bid for the NCOP BMD Implementation, pursuant to the IFB following this NOI, will be the bid which is deemed to be the **lowest price and technically compliant** in accordance with predefined bid evaluation criteria, which for the contract will be detailed in the IFB.
6. National Responsible Authorities are kindly requested to provide a Declaration of Eligibility (DoE) to the NCI Agency, **not later than 13 September 2021**, 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:
 1. Company Name
 2. Company Address
 3. Point of Contact (POC)
 4. POC Telephone Number
 5. POC E-mail address
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: CO115462NCOPBMD@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 Q1 2022 with a bid closing date of 84 days following the IFB release. A Contract award is anticipated for Q1 2023. 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: CO115462NCOPBMD@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	Reference#	IFB-CO-115462-NCOPBMD
2	Description	Ballistic Missile Defence Increments 1&2 Functions for NATO Common Operational Picture Implementation
3	Period of Performance	<ol style="list-style-type: none"> 1. 12 years, broken down as follows: <ol style="list-style-type: none"> a. 7 years from Date of Contract Award until FSA. and; b. 5 years of Operation and Maintenance (O&M) support.
4	Estimated Value to include O&M	2.33 MEUR
5	IFB Release	Anticipated in Q1 2022
6	Proposal Phase	84 days
7	Contract Award	Anticipated in Q1 2023
8	Competition Type	ICB, Lowest Price Technically Compliant

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 scheduled for Q1 2022 with Contract Award in Q1 2023.
- 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 baselines to provide regular deliveries of working software. When Approval to Operate (ATO) will be declared, the baseline will be rolled-out on the authorised sites.

4. Scope

- a. The scope of this project is:
 - i. The rollout, activation, initial support and OT&E of NCOP-BMD to all authorised sites and nodes.

- ii. The technical activities required for operational transition and migration from NCOP-2 baseline to NCOP-BMD baseline.
- iii. The development of on-line training material for the NCOP-BMD user community.

5. Key Personnel

- a. It is expected that the IFB will include requirements for the following Key Personnel:
 - i. Project Manager
 - ii. Implementation Lead
 - iii. Training Lead

6. Technical Constraints

- a. NCOP-BMD will be deployed on multiple domains (i.e., NATO S~~E~~C~~R~~E~~T~~, NATO Unclassified, and Mission S~~E~~C~~R~~E~~T~~t).
- b. From a site, one or many operational node can be activated.
- c. During the deployment phase, patches may have to be applied. No more than two patches by 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.