

NCIA/ACQ/2020/6423

16 March 2020

Notification of Intent to Invite Bids

Project Title:

NCI Agency Ballistic Missile Defense - System Engineering and Integration (SE&I)

Serials 2005/OVA03019 and 2005/OVA03020

IFB-CO-15575-BMD

Estimated Value: € 59,145,057

This is notification of an International Competitive Bidding for the provision for System Engineering and Integration (SE&I) Support for the Agency's Ballistic Missile Defence (BMD) Programme.

The support to be provided by prospective bidders encompasses:

- the definition of the BMD Architecture,
- the derivation of the NATO system requirements,
- the provision of strategic and governance support to the NCI Agency BMD-related implementation projects
- the integration of the BMD capabilities,
- the verification that NATO BMD capabilities are interoperable within the NATO Enterprise and with national systems and
- the operation and maintenance of the BMD Integration Test Bed (ITB).

The IFB is planned to be issued on 30 April 2020, with a Bid Closing Date in July 2020 and Contract Award in second quarter of 2021.

NCI Agency Point of Contact (POC):

Mr. Martin Steenwege

Senior Contracting Officer

E-mail: Martin.Steenwege@ncia.nato.int



Closing Date for Nominations of Firms by their national delegations is 22 April 2020

To : Distribution List

Subject : Notification of Intent (NOI) to Invite Bids for the provision for System Engineering and Integration (SE&I) support for the Agency's Ballistic Missile Defence (BMD).

Reference(s) : A. AC/4-2261 (1996 Edition)
B. AC/4-D/2261-ADD2 (1996 Edition)
C. AC/4-D(2008)0002-REV1 and AC/4-D(2008)0002-REV2
D. AC/4 (PP)D/25601-ADD23(INV)
E. C-M(2013)0038-AS1

1. The NATO Communications and Information Agency (NCI Agency) , intends, in accordance with paragraph 6 of Reference A, to issue an Invitation for Bids (IFB) for the provision for System Engineering and Integration (SE&I) Support for the Agency's Ballistic Missile Defence (BMD).
2. Note that this IFB is subject to prior authorisation from the Investment Committee.
3. The evaluation method used for the selection of the successful bidder under this solicitation will follow NATO's Best Value Procedures set forth in Reference B and C. The successful bid pursuant to this IFB will be that bid that is determined to offer the best value for money in accordance with predefined bid evaluation criteria as set forth in the IFB. The Top level criteria are 40% Price and 60% Technical.
4. In accordance with Reference D, the not-to-exceed investment cost for bids submitted shall be €73,931,321.25 (125% of the estimated value as stated in the cover page), or the equivalent expressed in any other allowed currency calculated in accordance with the currency conversion principles expressed in the IFB.
5. The scope of this project is to continue work as outlined in the NATO Capability Package (CP) at reference E. The NATO capability will be composed of NATO Command, Control and Communications (C3) Systems components, and the NATO sensors and National C3, sensors and interceptor systems. National components are to be provided by the nations and will be linked to NATO's Battle Management, Command, Control, Communications and Intelligence (BMC3I) Capability.
6. A single contract will be awarded spanning an eight year period with an initial period of 4 years (January 2022 – December 2025), and four additional years (January 2026 – December 2029) as options. No partial bidding will be allowed.

7. The contract will be executed in two phases:
 - a Transition Phase – A period of maximum 6 months for a smooth transition from the current SE&I contractor to a new contractor (if required) and to maintain the continuity needed to implement the BMD Programme on schedule.
 - b Programme Support Phase – To provide the required system engineering and integration support to the BMD Programme.
8. A summary of the requirements of the IFB is set forth in Annex A attached to this letter.
9. The formal IFB is planned to be issued 30 April 2020 with a Bid Closing Date in July 2020 and Contract Award in the second quarter of 2021. These dates are subject to confirmation.
10. Under separate correspondence following the release of this Notification of Intent, prospective bidders nominated by their national authorities will be invited to attend a BMD SE&I Bidder's Conference. The purpose of this event is to provide the latest available technical information, update the status of the IFB release and give industry a forum to ask preliminary questions. While this remains subject to confirmation, NCI Agency intends to hold this event in May 2020 dependent on developments concerning the current health crisis.
11. Funding for this Project is provided by the Investment Committee "at 29", thus firms from the 29 NATO Member Nations may respond to future solicitation once issued. Pursuant to paragraph 6 of Reference A, national responsible authorities are kindly requested to provide to the Agency a Declaration of Eligibility, not later than **22 April 2020**, of qualified and certified firms (including personnel security certification at the NATO SECRET level) that are interested in receiving the IFB. Requests for participation received directly from firms cannot be considered.
12. In addition to the certifications required under this NOI, the Declarations of Eligibility shall include the following information for each of the nominated firms: **NAME of the FIRM, the TELEPHONE NUMBER, E-MAIL-ADDRESS and POINT OF CONTACT**. This information is critical to enable prompt and accurate communication with prospective Bidders and should be sent to the following address:

NCI Agency

Acquisition Directorate

Boulevard Léopold III

1110 Brussels, BELGIUM

POC: Mr. Martin Steenwege, Senior Contracting Officer

TEL: +32 2 707 8335

E-mail: Martin.Steenwege@ncia.nato.int

13. Bidders will be required to declare a bid validity of twelve (12) months from closing date for receipt of bids, supported by a Bid Guarantee of €1,000,000 (one Million Euro). Should the selection and award procedure exceed the Bid Closing Date by more than twelve (12) months, firms will be requested to voluntarily extend the validity of their bids and Bid Guarantee accordingly. Bidders may decline to do so, withdraw their bid and excuse themselves from the bidding process without penalty.
14. The IFB will be NATO UNCLASSIFIED. National authorities are advised that the Bidders Library is expected to contain information classified up to NATO RESTRICTED. Bidders must therefore handle this information according to national/NATO security regulations. Further performance of the contract will require contractor to have personnel at a level of NATO SECRET and in specific cases NATO Cosmic Top Secret (CTS).
15. Note also that the contractor, sub-contractors, and their respective staff involved in the execution of the Contract shall be liable to preserve and not divulge any information related to the performance of the Contract without the express written approval of the Purchaser.
16. The reference for the Invitation for Bid is **IFB-CO-15575-BMD (BMD SE&I Support Contract)**, and all correspondence concerning it should reference this number.
17. Your assistance in this procurement is greatly appreciated.

FOR THE DIRECTOR OF ACQUISITION:

Mr. Martin Steenwege

Senior Contracting Officer



Enclosure: Annex A (Summary of Requirements)

ANNEX A

Summary of Requirements

PROJECTS OVA03019 AND OVA03020, CP 0A1303REV1

NATO is planning to procure System Engineering and Integration and Testing (SE&I) Support to the continued development and fielding of NATO Ballistic Missile Defence capabilities from January 2022 (with a prior transition period) to December 2029.

The BMD Programme defines the BMD Architecture, derives the NATO system requirements, provides strategic and governance support of BMD related NCI Agency implementation projects, integrates BMD capabilities and verifies that NATO BMD capabilities are interoperable within the NATO Enterprise and with national systems. The BMD Programme uses the BMD Integration Test Bed (ITB) facility to plan and execute tests, analyse results to support technical verification and integration of NATO BMD capabilities and support the validation of the BMD operational capability by the Bi-Strategic Commands (Bi-SCs).

The successful Bidder will support the BMD Programme in these areas and in particular:

- to provide expertise to augment the Agency's staff team in support of the System of System (SoS) Requirements Management, Architecture maintenance, Architecture Requirement Specification (ARS) and interface maintenance and possibly some specialty engineering domains;
- to provide support for monitoring and reporting of the Implementation Project verification and validation events, including review of the test plan, delivery of inputs during test preparation, witnessing the tests and analysis of test results for Systems contributing to the BMD architecture;
- to provide technical support to the BMD Programme Integration, Test and Transition activities, including support to ITB related activities, i.e, maintenance, business continuity (e.g., installation of HW, network and SW updates), ITB service delivery (e.g., test event execution), ITB security accreditation, training and operations;
- to provide planning, execution, analysis and reporting for BMD events (e.g., bi-lateral tests, Ensemble Tests, System Integration Tests, operational tests & exercises, and live fire events), including integration of new NATO and national BMC3I, collaboration, communications, sensor, simulation and weapon systems, and support to BMC3I transition to operations. In addition, support of documentation of test results into the Verification Cross Reference Matrix (VCRM), and entry of test observations in the BMD Programme Observation and Issue Data Base (OIDB);
- to provide an issue manager responsible for verification event issue management and reporting on issue resolution status. Verification & Validation issues include e.g. Problem Trouble Report (PTR), new requirements leading to Engineering Change Proposals (ECP). The issue management shall be carried out in accordance with the BMD Observation and Issue Management process;



- to test and analyse the (lack-of) regression on the operational deployed NATO BMD BMC3I to verify that newly developed versions of BMD systems do not cause performance regression of the operational baseline.

This IFB excludes the upgrade of the BMD ITB from Build 5 to Build 6, which is the subject of a separate IFB (IFB-CO-14974-BMD).