5 November 2025

# Notification of Intent to Invite Bids

*Method: International Competitive Bidding (ICB)*

## Procurement of Ultra High Frequency (UHF) Tactical Satellite (TACSAT) Radios – Ancillaries and Installation for Static Sites

## NCI Agency Reference #: IFB-CO-15571-TACSAT

## Amendment N° 1

| | |
|---|---|
| **Estimated Amount to include O&M**: | **€ 9,142,952.00 MEUR** |
| **NOI Closing Date**: | 05 December 2025 |
| **Solicitation Release Date**: | Anticipated on QTR. 4, 2025 |
| **Solicitation Closing Date**: | Anticipated on QTR. 2, 2026 |
| **Contract Award Date**: | Anticipated on QTR. 3, 2026 |
| **Competition Type**: | ICB Lowest Priced Technically Compliant |

The NCI Agency hereby notifies the NATO Nations of its intent to invite bids for the procurement of Ultra High Frequency (UHF) Tactical Satellite (TACSAT) Radios – Ancillaries and Installation for Static Sites.

*****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**
Kenya Elise Armbrister, Contracting Officer

**Email:** IFB-CO-15571-TACSAT@ncia.nato.int

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**To** : Distribution List

**Subject** : **Amendment N° 1 - Notification of Intent to Invite Bids for the Procurement of Ultra High Frequency (UHF) Tactical Satellite (TACSAT) Radios – Ancillaries and Installation for Static Sites**

**References** :

- **A.** AC/4-D/2261 (1996 Edition), NSIP Procedures for International Competitive Bidding
- **B.** NATO Investment Committee Decision Sheet, AC/4-DS(2022)0021, AC/4(PP)D/27633-ADD3
- **C.** NATO Investment Committee Decision Sheet, AC/4-DS(2025)0014, AC/4(PP)D/27633-ADD4
- **D.** Notification of Intent - NCIA/ACQ/2024/06825 dated 23 May 2024

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**1.** In accordance with References A through D, 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 the Procurement of Ultra High Frequency (UHF) Tactical Satellite (TACSAT) Radios – Ancillaries and Installation for Static Sites, hereafter referred to as the "Project".

**2.** Notice of Intent for this requirement was originally released through Reference D, with a required date for National Authorities to forward a list of their nominated firms by 27 June 2024. The original expected date for issuance of the Invitation for Bid (IFB) was scheduled for 1 July 2024.

**3.** Through the present Amendment N˚ 1 to the Notification of Intent, the forecasted dates for issuance of the IFB and contract award are revised as follows:

- **a.** IFB Release Date: QTR. 4, 2025
- **b.** Solicitation Closing Date: QTR. 2, 2026
- **c.** Contract Award Date: QTR. 3, 2026

**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.** The NCI Agency reserves the right to review the above schedule further if required.

**6.** Accordingly, the required date for the provision of the Declarations of Eligibility is extended to **Tuesday, 09 December 2025**.

**7.** Attached herewith please find the Prospective Bidders List at Annex B for the subject Project that includes firms that were nominated by their Embassies/Delegations of origin, received as of the date of this letter. NATO Delegations are encouraged to review the List for accuracy and

to ensure that no omissions have been made. The final date to confirm the list or nominate new firms is **Tuesday, 09 December 2025.**

**8.** 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 **Tuesday**, **09 December 2025**, which is 35 calendar days after the date of this letter.

**9.** If there are any modifications to the List requested by the National Authorities, a Final Bidders List will be issued as part of the IFB package. Otherwise, the List attached to this letter should be regarded as the Final Bidders List for the IFB in subject.

**10.** 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

**11.** The information above is critical to enable prompt and accurate communication with prospective bidders. Please send all correspondence directly to IFB-CO-15571-TACSAT@ncia.nato.int.

**12.** 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.

**13.** Requests for participation in this competition received directly from individual companies will not be considered.

**14.** 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.

**15.** 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 RΞSTRICTΞD.

**16.** The successful bidder will be required to handle and store classified information up to the level of NATO RΞSTRICTΞD. 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.

**17.** 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.

**18.** A high-level updated 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.

Your assistance in this procurement is greatly appreciated.

**For the Chief of Acquisition:**

*[Original Signed By]*

Tiziana Pezzi Digitally signed by Tiziana Pezzi Date: 2025.11.05 11:31:11 +01'00'

Tiziana Pezzi
Principal Contracting Officer

**Annexes**:
A. Summary of Requirements
B. Prospective Bidders List
C. Distribution List

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# Annex A – Summary of Requirements

**Project No. 2016/0CM03117, CP9A0130**

## 1. Project Objective

NATO has identified a requirement to replace UHF TACSAT radios and associated terminal equipment to support the tactical network requirements. The required capability is intended to be acquired through three different contracts, i.e. three Work Packages (WP) as defined below. This NOI is only for WP2.

- WP1 will facilitate new generation UHF TACSAT radios and ancillary equipment for On-The-Pause (OTP), On-The-Move (OTM) and Deployable Headquarters operation. This is out of the scope of this NOI.
- WP2, subject of this NOI, will cover design, procurement, installation, and testing of the static site equipment such as static antenna, matrix and ancillaries for NATO static sites.
- WP3 will facilitate data transmission solution. This is out of the scope of this NOI.

## 2. Scope of Work

NATO currently operates the AN/PRC-117F/G UHF TACSAT radios, which is a multi-band, multi-mission radio supporting VHF/UHF LOS, Havequick, Dedicated Satellite, and IW communications modes. NATO is currently procuring new generation UHF TACSAT radios in the scope of WP1.

The selected WP2 Contractor will be responsible for delivering the complete and fully integrated UHF communication system, in terms of attaining the required system-level functionality and performance. This work covers provision of static site ancillary equipment and system integration / installation at static sites for UHF TACSAT radios. This equipment will be operated by Fixed NATO Headquarters CSU and Operations room personnel at eleven (11) static installations.

### 2.1. General Requirements

[1] Contractor shall ensure that the installed UHF TACSAT systems encompass the seamless integration and operation of the UHF TACSAT radio elements (provided as Purchaser Furnished Equipment, PFE) with all the other Static site antenna and Matrix subsystems, furnished, integrated and installed at the sites. The main subsystems are defined as follows:

- Antenna Subsystem,
- Out Door Unit (ODU) Subsystem,
- In Door Unit (IDU) Subsystem,
- Human Machine Interface (HMI) Subsystem.

[2] The ancillary components and services shall include Fixed Site UHF antennas, power supplies, matrix switches, cables, power amplifiers, loudspeakers, carry cases and mounting kits to support the static installations.

[3] The system shall work as stand-alone.

[4] The system shall only connect to other UHF TACSAT terminals over SATCOM/LOS Services.

[5] For voice communications, connection to a handset and/or for data communication connection to a dedicated laptop shall be configured and available.

### 2.2. Functional Requirements

[1] Each terminal (and subsequently the equipment chain) shall be able to receive and transmit one half-duplex UHF channel simultaneously. Each channel is half duplex (can only transmit or receive at any one time), both channels shall be able to operate on different frequencies simultaneously.

[2] The technical solution provided by the future Contractor shall allow the routing of any radio channel to any antenna. Simultaneous multiple channel operation per antenna will NOT be required.

[3] The TACSAT radios, to be provided as PFE, are dual channel radios with two separate UHF SATCOM antenna connection interface. Antennas shall be separated by minimum 6 metres.

[4] In the UHF channel switching/routing solution provided by the future Contractor, Purchaser shall be able to connect (without disabling the communication link and interrupting the terminal operation) test and measurement equipment to any of the antennas via the patch panel or UHF routing switching matrix (e.g. two additional inputs at switching matrix).

[5] The TACSAT radios, to be provided as PFE, support the below listed UHF SATCOM waveforms:

- Single channel per carrier (SCPC) (MIL-STD-188-181B),
- Integrated Waveform (IW) (MIL-STD-188-183C).

[6] The infrastructure provided by the future Contractor shall not limit, prevent or restrict the usage of any of the above listed waveforms.

### 2.3. Performance Requirements

[1] The system shall be interoperable with NATO's current UHF radios, AN/PRC-117F/G.

[2] The UHF TACSAT terminals, to be procured through WP1, will be capable of using the UHF space segment capability to NATO through NATO SATCOM Services 6th Generation (NSS6G) programme and UHF SATCOM Services project (serial 0CM03103 under the CP 9A0130). The WP2 equipment shall support these terminals.

[3] The system shall exhibit no performance degradation in the defined environmental conditions.

[4] In order to minimise the negative impact of co-site interference, the terminal shall be equipped with elements providing significant out of band and Tx-to-Rx signal rejection. The reception quality of the terminal shall not be degraded to result in a loss of service due to a transmission performed by an adjacent terminal, or by terminal itself.

[5] Antenna type shall be helical. Helical and dual helical solutions are accepted.

[6] The antenna polarization shall be right-hand circular polarization (RHCP) both for Tx and Rx.

[7] The Maximum power rating of the antenna shall be minimum 200 W continuous.

[8] Antenna VSWR shall be 1.5:1 or better.

[9] Antenna impedance shall be 50 ohm.

[10] Antenna mounts shall be non-penetrating.

[11] Antenna mounts shall be provided suitable for both roof and ground installation as per site requirements to be defined during the site surveys.

[12] Antenna Azimuth and Elevation adjustment range shall be minimum as given below:

| | |
|---|---|
| Azimuth | -60 to +60 degrees |
| Elevation | 0 to 90 degrees |

[13] Antennas shall be re-point able by 2 operators and in less than thirty (30) minutes within the azimuth and elevation adjustment range defined above.

[14] Each site shall be provided with QTY 2 of compass and inclinometer (2-in-1).

[15] All software (including licenses) and/or hardware tools (if any), required for antenna pointing hall be provided by the future Contractor.

### 2.4. Security Requirements

[1] The UHF TACSAT system shall be equipped with a cryptographic device to secure the Orderwire (OW) transmissions between the user terminals and the control station.

[2] The UHF TACSAT system shall be designed to allow future selection of multiple cryptographic algorithms and to allow a future upgrade of the cryptographic algorithms.

### 2.5. Physical Requirements

[1] Eleven NATO static sites in Germany, Spain, Italy, Türkiye, Netherlands, UK and Iceland.

[2] For each site, the physical requirements special to each site shall be defined separately. Contractor shall perform site surveys to define these requirements.

[3] For each site, indoor equipment shall include FO/RF Converters, Matrix Switch or Patch Panel, Radios, Internal Rack, Ethernet Switch and Consoles (Desktop).

[4] For each site, procurement and installation of non-penetrating antenna mounts and UHF Dual Helical antenna shall be done.

[5] For each site, procurement and installation of the indoor CIS Cabinet shall be done.

[6] For each site, installation of cabling and cable ducting for the Antenna to ODU (Coax), ODU to Building Access Point (Fibre), ODU to PDP (Electrical) shall be done.

### 2.6. Environmental Requirements

[1] The system shall be compliant with the environmental conditions given in MIL-STD-810 F/G.

[2] The equipment shall be compliant with the MIL-STD-461F/G.

[3] The system shall withstand the following temperature ranges:

- Between -32 ºC and +49 ºC for operation (0 °C to 49 ºC for indoor equipment),
- Between -34 ºC and +71 ºC for transport and storage.

[4] The system shall withstand humidity levels ranging from 5% to 95% for operation, storage, transport, and handling.

[5] The system shall have a CE marking as compliant with EU health and safety requirements and directives as applicable, including but not limited to:

- Radio Equipment Directive (RED) 2014/53/EU,
- Low Voltage Directive (LVD) 2014/35/EU.

## 3. Period of Performance

[1] The Period of Performance is anticipated to start Q3-2026 through Q3-2027. It is important to note that this timeline represents the anticipated duration of the Project, and adjustments may be made as per the requirements of the solicitation process and subsequent contractual agreement.

## 4. Warranty and O&M Support

[1] Following Final System Acceptance, the Contractor shall provide one-year warranty and in service support during this warranty period.

# Annex B – Prospective Bidders List

**Project No. 2016/0CM03117, CP9A0130**

| |
|---|
| **Canada** |
| ROCK Networks Inc |
| **Belgium** |
| Eviden Belgium |
| Brevco Services |
| **Bulgaria** |
| “LIREX BG” OOD |
| **Italy** |
| IES Srl |
| Telegi Srl |
| Telespazio S.p.A. |
| Telebit S.p.A. |
| **Netherlands** |
| Network Innovations B.V. |
| **Norway** |
| Airbus Defence and Space |
| **Romania** |
| Metropolitan Services Srl |
| **Türkiye** |
| ASELSAN ELEKTRONİK SANAYİ VE TİCARET ANONİM ŞİRKETİ |
| ANTENSAN ELEKTRONİK SAN. İÇ VE DIŞ TİC. AŞ |
| **United States** |
| Mission Solutions Group, Inc. |
| ViaSat, Inc. |
| Hyperion, Inc. |
| L3 Harris Global Communication Inc. |

# Annex C– Distribution List

**NATO Delegations:**

| | | |
|---|---|---|
| Albania | Greece | Poland |
| Belgium | Hungary | Portugal |
| Bulgaria | Iceland | Romania |
| Canada | Italy | Slovakia |
| Croatia | Latvia | Slovenia |
| Czechia | Lithuania | Spain |
| Denmark | Luxembourg | The Republic of Türkiye |
| Estonia | Netherlands | The United Kingdom |
| France | Norway | The United States |
| Germany | | |

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

| | | |
|---|---|---|
| Albania | Greece | Poland |
| Belgium | Hungary | Portugal |
| Bulgaria | Iceland | Romania |
| Canada | Italy | Slovakia |
| Croatia | Latvia | Slovenia |
| Czechia | Lithuania | Spain |
| Denmark | Luxembourg | The Republic of Türkiye |
| Estonia | Netherlands | The United Kingdom |
| France | Norway | The United States |
| Germany | | |

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