

**Acquisition Directorate**

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19 February 2021

Notification of Intent to Invite Bids**Project Title:**

**'NATO Transportable Satellite Ground Terminals Third Generation (TSGT3G) and
Upgraded Transportable Satellite Ground Terminals (UTSGT)
In-Service Support Activities'**

IFB-CO-115401-TSGT-ISS**Estimated Value: € 1.5M Euro annually****Period of Performance: 2 year base period + 3 option years (1+1+1)**

This is a notification of an International Competitive Bidding for the provision of In-Service Support of the NATO Family of Transportable Satellite Ground Terminals (TSGTs). This contract will provide for a fixed number of scheduled services, executed at the Peace Time Location (PTL) of the systems throughout NATO.

The Invitation for Bid (IFB) is planned to be issued by the end of April 2021, with a Bid Closing Date not later than July 2021. The Contract Award is envisaged to be concluded not later than December 2021, subject to the Budget Committee (BC) authorization.

Closing Date for Nominations of Firms by their National Authorities/ Delegations is

26 March 2021

NCI Agency Point of Contact (POC):

Principal Contracting Officer: Mrs. Tiziana Pezzi

Action Officer: Mrs. Irina Barabancea

E-mail: IFBCO115401TSGTISS@ncia.nato.int

NATO Communications
and Information Agency
Agence OTAN d'information
et de communication

Boulevard Leopold III
1110 Brussels, Belgium

www.ncia.nato.int



To : Distribution List

Subject : Notification of Intent to Invite Bids for International Competitive Bidding for the implementation of the Project
 'NATO Transportable Satellite Ground Terminals Third Generation (TSGT3G) and Upgraded Transportable Satellite Ground Terminals (UTSGT) In-Service Support Activities'

IFB-CO-115401-TSGT-ISS

References : A. Budget Committee Budget Procurement Guidance, document BC-D(2018)0004-FINAL dated 29 January 2018;
 B. NCIO Financial Rules and Procedures, document AC/337-D(2016)0014 dated 16 March 2016;
 C. NATO Security Policy, document C-M(2002)49.

1. In accordance with References (A) through (C), notice is hereby given of the intent of the NATO Communications and Information Agency (NCI Agency), acting as a Host Nation responsible of implementing the subject requirement, to issue an Invitation for Bids (IFB) for the provision of In-Service Support of the NATO Family of Transportable Satellite Ground Terminals (TSGTs). This contract will provide for a fixed number of scheduled services, executed at the Peace Time Location (PTL) of the systems throughout NATO.
2. A summary of the requirements of the future IFB is set forth in Annex A attached to this letter.
3. The Prospective Bidders are invited to carefully review the requirement summary in Annex A and provide, on a voluntary basis, any comments that the industry might have regarding the planned schedule, commercial conditions, options or any other aspects of the requirement. Any such comments shall be provided to the Purchaser prior to the closing date of the nomination period under Para. 11. However, the Prospective Bidders shall note that this is not a formal clarification requests process, and the Purchaser is under no obligation to respond to any of the comments received from industry during the notice period. This is just an additional opportunity the Purchaser is giving to the Industry to provide any comments that may be taken into account ahead of the formal IFB.
4. The reference for the Invitation for Bid is **IFB-CO-115401-TSGT-ISS**, and all correspondence concerning the IFB should reference this number.
5. The estimated annual cost for the services and deliverables included within the scope of the intended service provision contract is EUR 1,500,000 yearly, for a minimum of two years of the base contract period of performance, and subsequent optional years. The NCI Agency reserves the right to amend the envisaged base contract duration throughout the IFB stage, as may be directed by the Budget Committee.



6. For source selection, the NCI Agency is planning to use the International Competitive Bidding (ICB) procedures, with Lowest Priced Technically Compliant Bid evaluation methodology, governed by NATO Financial Rules and Procedures.
7. It is planned to award a single contract for the entire scope of work. No partial bidding will be allowed. Award of the contract is planned to be made on a Firm Fixed Price Basis.
8. The IFB is planned to be issued by the end of April 2021, with a Bid Closing Date not later than July 2021. The Contract Award is expected not later than December 2021. Contract Award is subject to BC authorization and funding priority and availability as determined by the NATO Budget Committee. The NCI Agency reserves the right to amend the requirements and schedule as may be directed by the Budget Committee.
9. 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 Euro 300,000 (three hundred thousand Euro). Should the selection and award procedure exceed the twelve (12) months after Bid Closing Date, firms will be requested to voluntarily extend the validity of their bids and Bid Guarantee accordingly. Bidders may decline to do so, however they shall withdraw their bid and excuse themselves from the bidding process without penalty.
10. Firms from all 30 NATO Member Nations may respond to future solicitation once issued. Firms that wish to participate in this procurement must be nominated to the NCI Agency through their national authority/ delegation to NATO and such nomination must be accompanied by a **“Declaration of Eligibility”** (DoE) and certification of their security clearances executed by their national authorities. Requests for participation received directly from firms shall not be considered.
11. The closing date for additions/ nominations to the Bidders List of qualified and certified firms which may be interested in receiving an Invitation for Bid for this Project is **26 March 2021**. The Declarations of Eligibility shall include the following information for each of the nominated firms: the NAME of the FIRM, the TELEPHONE and FAX NUMBERS, E-MAIL ADDRESS and POINT OF CONTACT. This information is critical to enable prompt and accurate communication with prospective bidders.
12. National Authorities/ Delegations are requested to provide the prospective bidders list to the NCI Agency Point of Contact (POC) at the following address:

NATO Communications and Information Agency
Acquisition Directorate
Boulevard Léopold III
1110 Brussels, Belgium

Attn: Tiziana Pezzi, Principal Contracting Officer
Cc: Irina Barabancea, Contracting Officer (Contractor)

E-mail: IFBCO115401TSGTISS@ncia.nato.int



13. The participating National Authorities are advised that the IFB package will only contain “NATO UNCLASSIFIED” material. However, execution of the proposed contract will require unescorted access and work of contractor personnel at NATO Class II security areas and in accordance with reference C, personnel of the winning bidder will be required to hold individual security clearances of “NATO SECRET”. Only companies maintaining appropriate personnel clearances will be able to perform the resulting contract. Bidders are to note that contract award will not be delayed in order to allow Contractor personnel to obtain missing clearances.
14. Your assistance in this procurement is greatly appreciated

FOR THE DIRECTOR OF ACQUISITION:

Digitally signed by Pezzi
Tiziana
Date: 2021.02.19
11:49:26 +01'00'

Pezzi Tiziana
AGENCY

Mrs Tiziana Pezzi
Principal Contracting Officer

Enclosures:

Annex A (Summary of Requirements)



**Distribution List for Notification of Intent (NOI) to Invite Bids
IFB-CO-115401-TSGT-ISS**

NATO Delegations (Attn: Investment Adviser):

Albania	1
Belgium	1
Bulgaria	1
Canada	1
Croatia	1
Czech Republic	1
Denmark	1
Estonia	1
France	1
Germany	1
Greece	1
Hungary	1
Iceland	1
Italy	1
Latvia	1
Lithuania	1
Luxembourg	1
Montenegro	1
Netherlands	1
North Macedonia	1
Norway	1
Poland	1
Portugal	1
Romania	1
Slovakia	1
Slovenia	1
Spain	1
Turkey	1
The United Kingdom	1
The United States of America	1
<u>Belgian Ministry of Economic Affairs</u>	1

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

Albania	1
Belgium	1
Bulgaria	1
Canada	1
Croatia	1
Czech Republic	1
Denmark	1
Estonia	1
France	1
Germany	1
Greece	1
Hungary	1
Iceland	1
Italy	1
Latvia	1
Lithuania	1
Luxembourg	1
Montenegro	1
Netherlands	1
North Macedonia	1
Norway	1
Poland	1
Portugal	1
Romania	1
Slovakia	1
Slovenia	1
Spain	1
Turkey	1
The United Kingdom	1
The United States of America	1

ANNEX A

Summary of Requirements

1. Description of Project Background

- 1.1. NATO purchases deployable satellite communications systems to support a fleet of NATO Response Force (NRF) Deployable Communications and Information Systems (DCIS). These satellite systems provide transportable gateways for multiple satellite links and in the case of TSGT3G DSO variants, dual satellite operations.
- 1.2. The NCI Agency Centralized Support and Sustainment Center (CSSC) located in Brunssum, NL, currently provides both logistical support and maintenance support for the deployable satcom service. This contract will augment the service provided by the CSSC.
- 1.3. As per NATO acquisition rules, NATO seeks to expand availability of the opportunity through an International Competitive Bid.

2. Description of Project Scope

- 2.1. This contract shall provide support for the following X-band transportable satellite communications systems:

TSGTs

- 2.2. The TSGT3G is a military pattern vehicle-mounted electronics and antenna platform comprising of an integral structure platform called a 'Container'.
- 2.3. The TSGT3G fleet has been acquired, augmented, and upgraded over the years via multiple projects. The TSGT3G system was initially procured by the Purchaser under the contract CO-11790-TSGT and its contract amendments 1 through 8.
- 2.4. Under this contract, the Contractor provided 16 T1 Configurations (including 16 T2 Configurations), two different T2 Configurations, 2 Dismounted T2 Configurations, 1 Dismounted T2 Configuration (which was later converted into a set of depot-spares), 1 separate T1 Extension, 18 Spectrum Monitoring System (SMS) Kits and a set of depot-level spares.
- 2.5. Some of the TSGT3G equipment was provided to the Contractor Purchaser Furnished Equipment (PFE), such as the Alternative Military Vehicle T2 Extensions, consisting of T2 Trailers and Power Generator Sets (PGS), EPM Modem Systems (EMS), and Advanced SATCOM Network Monitoring and Control equipment (ASNMC).
- 2.6. This TSGT3G part of the fleet is under-going DSO Upgrade under CO 14574-TSGT, which is adding additional equipment and completes by the end of 2020.
- 2.7. The fleet has been augmented with four additional Deployable Air C2 Centre DACCC (already DSO) T2 TSGT3G's systems procured by the Purchaser from the Contractor, under the Purchaser's contract CO-14038-TSGT.
- 2.8. The TSGT3G container contains Satellite Communications (SATCOM) equipment as required, such as High Power Amplifier (HPA), Solid State Power Amplifier (SSPA), X-band frequency transceivers, Low Noise Amplifiers (LNA's), filters, satellite modems, baseband termination unit, Antenna Control Units (ACU's), GPS disciplined time and frequency reference, patch panels, and other equipment to fulfil the system requirements.
- 2.9. The system also includes the Alternative Military Vehicle T1 Extensions, consisting of T1 Trailers and PGS's, EMS, and ASNMC.

- 2.10. The TSGT3G can be used in two different configurations, the T1 Configuration and the T2 Configuration. The T2 Configuration is a sub-set of the T1 Configuration. The T1 Configuration consists of four distinctive elements (of which the first two elements (a & b) comprise a T2 Configuration):
- a) T2 Primary Military Vehicle with a T2 Container, including a 2.4m antenna on top
 - b) T2 Extension consisting of a T2 Trailer and a PGS
 - c) T1 Alternative Military Vehicle
 - d) T1 Extension consisting of a T1 Trailer with 4.6m antenna
- 2.11. The TSGT3G also exists as a Dismounted T2 Configuration and is used for training and depot-level testing. A Dismounted T2 Configuration is essentially the same as a T2 Container but has more space, more accessible rack configuration, no intrusion alarm sub-system, a top cover, and weather canopy.

UTSGT

- 2.12. The UTSGT is an integrated system that provides a deployable satellite communication capability. This system enables the establishment of reliable and secure military communications in support of NATO command posts. The UTSGT is configured to operate in the X-band and is able to communicate with NATO satellites.
- 2.13. The UTSGT physically consists of five components: Military Vehicle (Renault Kerax 410) with mounted Container, Cable reels and Power Generating Set (PGS), and an antenna trailer with mounted 4.8m Cassegrain antenna.
- 2.14. The UTSGT system was an upgrade of 1st generation (which was procured in 2002 and integrated by Page Europa). The TSGT subsequently upgraded by Indra Sistemas S.A. Madrid, Spain, under the Purchaser's contract CO-12677-TSGT and its contract amendments 1 and 2. Under such contract, Indra provided 7 UTSGTs, 7 sets of on-site spares, and one set of depot-level spares.
- 2.15. For the upgrade, 7 UTSGT Upgrade Kits were provided by the Purchaser as Purchaser Furnished Equipment (PFE). The upgrade kits were procured from and manufactured by the Contractor.
- 2.16. The equipment provided with these kits is identical to the equipment provided for the TSGT3G configurations, procured under contract CO-11790-TSGT, to ensure commonality of equipment across the different generations of TSGT.
- 2.17. The kits included major components such as the SHF sub-system, the L-band modems sub-system, the Baseband and fibre optic sub-system, the Monitoring and Control Sub-system (MACS), the Beacon receiver and all additional materiel such as (fibre optic) cables, combiners, splitters, patch panels, and interconnections.
- 2.18. Additional PFE was provided to Indra to upgrade the TSGTs, such as the Military Vehicle (Renault Kerax 410), PGSs, EMS and ASNMC, as well as the Antenna trailers with mounted 4.8m Cassegrain antennas and associated equipment.
- 2.19. The scope of work supplied in this contract for both the TSGTs and the UTSGTs shall include:
- a) Developing and implementing an In-Service Support Plan;
 - b) Providing annual Preventative Maintenance Inspection (PMI) on TSGT and UTSGT systems (on average 31 sets per year).
 - c) Providing off-site corrective maintenance of failed equipment (repair on need);
 - d) Providing obsolescence monitoring and solutions proposals;

- e) Providing remote technical assistance;
 - f) Providing on call support;
 - g) Conducting In-service Support contract reporting including organising and conducting timely performance meetings either live or via private commercial collaboration platform;
 - h) Providing documentation support;
- 2.20. The contractor shall support configuration management activities through data entry, reporting and documented configuration changes if/when applicable.

3. Description of Operational/Functional Requirements

- 3.1. Field engineering support team(s) are required to perform the activities outlined in the Preventative Maintenance Instructions. (PMI).
- 3.2. Field engineering support team(s) may be required to perform off-site Corrective Maintenance activities outlined in the Corrective Maintenance Instructions (CMI). This effort will be contracted separately outside of the framework of this contract. This effort shall be provided on continental Europe.
- 3.3. Field engineering support may occur concurrently at no more than two locations at a time.
- 3.4. Field engineering support team(s) shall travel to locations within NATO nations to conduct PMI activities. The teams will carry all spares, maintenance supplies, tools and Automated Test Equipment (ATE).
- 3.5. Field engineering support team(s) shall be able to reschedule onsite interventions within 48 hours of notification.
- 3.6. The contractor shall make recommendations for engineering changes due to planned or unplanned obsolescence or non-availability of parts. This will include analysis and of internal thermodynamics of the closed container while in operation. The contractor shall ensure form, fit and function of recommended replacement/substitute parts.
- 3.7. The contractor shall be able to make physical changes to the container to accommodate equipment changes due to planned or unplanned obsolescence or non-availability of parts. This effort will be contracted separately outside of the framework of this contract. This effort shall be provided on continental Europe.
- 3.8. The contractor shall have the ability to make physical and software modifications to COTS equipment for adaptation to the existing systems.
- 3.9. The project scope may be increased through contract modifications when new projects are delivered in the near future (3-4 years).

4. Implementation Strategy

- 4.1. The Contractor shall provide the above services, starting from EDC (Effective Date of Contract) up to and including 31 December 2024 for the initial 2-year base period as listed in the Schedule of Supplies and Services with pricing for 3 x 1 option years.
- 4.2. The Contractor shall provide all necessary resources to include services, personnel, utilities, material, components, equipment, data and documentation needed to accomplish the CLS services requested in this SoW, unless stated otherwise in the requirements of this Contract.