

i- CALL FOR TENDERS

<u>Call for Tenders No.:</u>	ECTL_SRC_240122
<u>Title:</u>	SESAR3 FCDI WP5 LDACS end-to-end integration with Military systems

General:

The goal of this Call for Tenders (CfT) is to support the EUROCONTROL activities in the area of COMMUNICATIONS (COM) solutions in SESAR3 Future Connectivity and Digital Infrastructure (FCDI), in the Civil Military Cooperation Division (CMC).

Technical subject matter:

The purpose of the present Call for Tenders is to assist EUROCONTROL in its planned commitment to the SESAR3 WA3.1 FCDI WP5 in the area of LDACS compatibility testing with JTIDS/MIDS and testing compatibility of LDACS with airborne DME/TACAN interrogator and optionally SSR/IFF equipment. Unit-to-Unit variation and environmental aspects are out of scope for this Call for Tenders.

There are two tasks identified as follows:

1. FCDI WP5 LDACS vs JTIDS/MIDS Compatibility in the airborne environment: Support the ECTL contributions in the SESAR3 WA3.1 FCDI WP5 Task 1 LDACS Compatibility testing with Military CNI systems.
2. FCDI WP5 LDACS and with TACAN equipment. SESAR3 WA3.1 FCDI WP5 Task 6 LDACS Compatibility testing with TACAN beacons serving civil aircraft (VORTAC) and asses compatibility with the military use of TACAN (Air-to-Air TACAN optionally Maritime mobile TACAN).

Main selection and assessment criteria:

TECHNICAL CAPACITY CRITERIA
Team with minimum two qualified members with University degree, showcasing proof and evidence on achieved and applied knowledge, knowhow and analytical skills.
Minimum two team members with minimum 5 years each of working experience in Military Environment (National and/or International) in relation to JTIDS/MIDS technical activities.

SUPPORTING EUROPEAN AVIATION

Member States: Albania, Armenia, Austria, Belgium, Bosnia and Herzegovina, Bulgaria, Croatia, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Georgia, Germany, Greece, Hungary, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Monaco, Montenegro, Netherlands, North Macedonia, Norway, Poland, Portugal, Republic of Moldova, Romania, Serbia, Slovakia, Slovenia, Spain, Sweden, Switzerland, Türkiye, Ukraine, United Kingdom.

Comprehensive Agreement States: Israel, Morocco.

Military environment to be understood in broadest sense, either within Military organisations or in direct support of Military organisations however relevant to the aspects of Military CNI-systems.

Ability to operate the proposed technical resources able to generate the appropriate (foreground/background) signals.

Equipment ownership or guaranteed access to a minimum of 1 high fidelity JTIDS/MIDS signal emulator (or authentic equipment) and LDACS transceiver prototype equipment as described in the Technical Specifications Chapter 3 to cover the technical resources (e.g. specific equipment) to carry out the contract.

TECHNICAL ASSESSMENT CRITERIA

Understanding of CFT: Clarity of the Proposal (interpretation of the work including objectives and scope).

Understanding of the dependencies and deliverables: the Tenderer shall demonstrate in the tender that all elements of the testbed are available and operational to them in the timeframe of the intended work.

Experience in carrying out measurement as highlighted in the [Test Plan]: Experience in carrying out laboratory RF compatibility measurements, data evaluation and analysis and corresponding quality and calibration procedures.

The Tenderer shall demonstrate the following:

- Experience in working in Military Environment (National or International) JTIDS/MIDS activities
- Experience in how to develop frequency assignment planning criteria

Experience in JTIDS/MIDS Frequency Clearance Agreements (FCA).

The economically most advantageous offer will be established in accordance with the following Award criteria:

For the Technical tender, a weighting of 60% is applied, for the Financial tender, a weighting of 40%.

Tender closing date:

31 January 2025 at 15:00 Brussels time

Point of Contact:

Please see the “Important Notice” below and if you have any other related questions, please contact:

CFT Internet Notice I-IN-E via iSourcing Vers.2.12

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If this Call for Tenders should interest you, please read the important information below:

IMPORTANT NOTICE

The full i-Call for Tenders documentation is in electronic format (.pdf).

If you wish to obtain the i-Call for Tenders documentation, please read and follow carefully the instructions below:

1. If you are already registered in the EUROCONTROL Supplier Portal, you can search for this Call for Tenders, and its relevant documentation, in the “*View Active Negotiations*” section of the Supplier Portal.
2. If you are not yet registered as a EUROCONTROL supplier, please follow the process described on the following link: <https://www.eurocontrol.int/portal/new-supplier-portal>.
3. EUROCONTROL accepts no responsibility whatsoever for the completeness, accuracy and/or timeliness of the transmission of the electronic documents (nor for the electronic documents themselves).
4. Submission of tenders shall be made electronically and shall be exclusively made in strict accordance with the instructions given in the tendering documentation.
5. You may:
 - a) print out the documents;
 - b) forward the documents further on a strictly need to know basis (always fully acknowledging the source, i.e. EUROCONTROL), and
 - c) use printouts of the electronic i-Call for Tenders documents for the submission of tenders (especially the Price Offer Form ref: I-TSF-E).
6. You may not:
 - a) modify, edit and/or change the electronic documents other than to submit the required info and to sign/stamp where required;
 - b) transmit such documents to any third person who has no need to know them;
 - c) post such documents on any private or public website;
 - d) alter the originating source (EUROCONTROL) and or copyright signs etc., and
 - e) transmit the documents without indication of the source.

An environmental notice:

With a view to reduce the exponential growth of paper consumption, we would invite you only to print out electronic documents received and/or request paper copies of the price enquiry documentation if you are actually considering to submit a tender.