

## i- CALL FOR TENDERS

**Call for Tenders No.:** ECTL\_SRC\_230143

**Title:** Flight Data Collection and Airborne GNSS Radio Frequency Interference Detection (FAGRID)

**General:** EUROCONTROL\* is an intergovernmental organisation with 41 Member and 2 Comprehensive Agreement States. We are committed to building, together with our partners, a Single European Sky that will deliver the air traffic management (ATM) performance required for the twenty-first century and beyond.

**Technical subject matter:** As Europe's skies and major airports become increasingly congested, there is need for Air Traffic Management (ATM) technologies to evolve from ground-based infrastructures to more advanced systems based on new technologies – including European GNSS programmes like EGNOS and Galileo.

Both EUROCONTROL and the European Union Space Programmes Agency (EUSPA) have a shared objective of developing and exploiting European GNSS technology to improve accessibility, efficiency and safety to European operators, pilots and airports. EUROCONTROL activities in this field complement those of the EUSPA to ensure that the development and implementation of satellite-based navigation provides an optimal solution for European airspace users.

In this context, a fourth specific grant agreement has been concluded between EUSPA and EUROCONTROL for the period 2022-2025. Work Package 3 of that agreement focuses on supporting and providing advice on Regulatory and Standardisation aspects, with particular emphasis on the development of aviation GNSS RFI mitigation capabilities.

This tasking contract aims to validate DFMC MOPS (ED259revA) RFI detection requirements and to investigate interference events in aviation by conducting flight data collection and analysis.

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### 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.

**Main selection, assessment and award criteria:**

TECHNICAL SELECTION AND CAPACITY CRITERIA	
<u>Subject</u>	<u>Proof required</u>
Technical requirements compliance matrix	Compliance matrix fully filled in
Available equipment and operational capability	Aircraft documentation (Aircraft airworthiness certificate, pilot qualification, description of the aircraft capabilities, description of the cabin ....), previous test flights recording signal in L band
Previous experience with similar projects	Examples of previous projects or publications, current or past obtained transmission licence within the last 5 years
Readiness to perform the tasks	Offered aircraft's base airport, Aircraft type, Distances/Required time to reach the areas of interest, possible timeline for the flights, aircraft approval for operations or description of the intended approach and timeline
Test scenarios and equipment installation	Description of test scenarios and available equipment to carry out the tests, Intended installation description, description of intended operations

SCORING TECHNICAL ASSESSMENT CRITERIA
<u>Criteria</u>
Project management
Availability and quality of the testing capabilities to be allocated to the project
Proposed test scenarios
Transmission licences
Aircraft installation approval
Flight planning lead time

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

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

**Tender closing date:** 01-02-2024 at 15:00 CET

**Point of Contact:**

If you wish to receive the Call for Tenders please see the “Important Notice” below and if you have any other related questions, please contact:

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DCF/AFS/PROC

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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 print-outs 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.