

i- CALL FOR TENDERS

Call for Tenders No.: ECTL_SRC_230142

Title: Development and delivery of the Weak Signals – Structured Exploration of Complex Adaptations Course

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:

ANSPs invest heavily in investigating unwanted events, striving for continuous safety improvements and the regulatory frameworks provided by ICAO, EASA and other international and national authorities have significantly supported the steady enhancement of safety levels. National (local) systems for mandatory and voluntary reporting are well established but they typically focus on a traditional root cause analysis. However, the challenges of dynamic and complex situations arising in ATM and aviation in general, require a more nuanced approach to learning, involving human adaptation, in the face of unanticipated complexity.

The course is planned to be designed primarily for ATM and aviation stakeholders; however, it could have an extended benefit for other safety-critical industries (railway, maritime, nuclear, offshore, healthcare). The course is seen as highly valuable for practitioners working in safety, human factors/ergonomics, project and change management, as well as for front-line operators (pilots, controllers, ATSEPs/engineers, AIS/MET, etc.). It is envisaged to be structured into two different modules:

1. Module one: Theoretical Foundation (SAF-WS-INTRO) - to offer an outline on systems thinking, resilience engineering and weak signals management, while introducing the SECA method.
2. Module two: Practical Application (SAF-WS-APPL) - to provide a hands-on experience on the usage and implementation of SECA to capture and analyse weak signals.

The effort required for the provision of the course is split between the two modules. It involves the preparation of the training material, the delivery of the courses (2 days for each module), as well as the processing of any related training material that the participants might need to deliver in between the two courses.

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.

The objective of this Call for tenders is to select a supplier for the upcoming 36 months with possible yearly extension for 2 additional years.

Main selection, assessment and award criteria:

TECHNICAL ASSESSMENT CRITERIA
At least 5 years of work experience demonstrating knowledge and practical applicability of coding strategies and machine learning algorithms.
Potential to deliver the work specified in section 3.3 of the TechSpecs.
Knowledge and a minimum of 5 years practical experience on subjects such as: systems thinking, resilience engineering, weak signals management.
Knowledge and a minimum of 3 years practical experience with coding strategies and machine learning algorithms.
Minimum level of English (writing/speaking) C1 (CEFR)
Proven experience (at least 2 years) in delivering training courses in an international environment.

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

For the Technical tender, a weighting of 70% is applied, for the Financial tender, a weighting of 30%.

Tender closing date: 25-01-2024 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:

DUPUY, Armelle

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.