

i- CALL FOR TENDERS

Call for Tenders No.: ECTL_SRC_220066

Title: SUR implementation monitoring, assessments and support

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:

In the context of the EUROCONTROL Surveillance Domain, the Surveillance System and Sensors activity supports the implementation, modernisation and optimisation of European ATM Surveillance, enabling Network performance improvements and global interoperability. This aims at the transition to a cost, spectrum and environmentally efficient Surveillance infrastructure meeting the performance needs of the European ATM Network. This activity supports the provisions of the relevant Regulation (EU) No 1207/2011 (Surveillance Performance and Interoperability Implementing Rule, "SPI IR") and its amendments, as well as Regulation (EU) No 1206/2011 (Aircraft Identification Implementing Rule, "ACID IR"). It includes support to the European institutions including EASA, the new SDM, EUROCAE as well as to other international organisations.

In the context of this activity, contractual support is required for implementation monitoring, assessments and support. This will provide more specifically the following:

- Ground and airborne SUR system implementation monitoring reports;
- Data processing, analysis and reports for operational and technical use cases;
- Operational Excellence Programme workstream support;

Main selection, assessment and award criteria:

TECHNICAL ASSESSMENT CRITERIA

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, Turkey, Ukraine, United Kingdom.

Comprehensive Agreement States: Israel, Morocco.

Quality of the overall documents provided to support the reply to the CFT.
University degree (Master level) in Engineering or Mathematics/Physics
Excellent knowledge of English (oral/written) and demonstrated ability to produce and to deliver presentations to international audiences in this language
Strong organisational, drafting and reporting skills based on previous projects
Experience in co-operation with stakeholders such as ANSPs, Airlines or Industry.
Experience with Surveillance systems in general and Radar, ADS B, WAM, and MLAT in particular
Knowledge of EUROCONTROL Surveillance Standards and in ADS-B, WAM and MLAT standards
Knowledge in Performance-based Surveillance
Experience with monitoring of surveillance systems (including ground systems and avionics)
Experience working with Surveillance data recordings in ASTERIX format
Experience with surveillance evaluation and validation analysis for sensors and end-to-end surveillance systems
Knowledge in Aircraft Derived data/Downlinked Aircraft Parameters (ADD/DAP)
Experience with Surveillance tools in general and recent SASS-C VERIF versions in particular
Knowledge in operational, safety and performance requirements relevant to surveillance applications
Experience with management of projects

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Experience with SQL databases, scripting and programming languages Java and Python
Experience in HTML, JavaScript and CS for data representation in web pages
Experience in big data analysis techniques

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: 21-12-2022 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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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.