

i- CALL FOR TENDERS

Call for Tenders No.: ECTL_SRC_240035

Title: Support to NM Airport Performance Analysis and Runway Improvements

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: The EC Regulation 2019/123 mandates EUROCONTROL NM to conduct planning and reporting activities for the European Airports. An essential element in the planning and reporting process is relying on the analysis of different performance indicators, building the comprehensive picture of airport performance, both in a local but also in the network context. The analytics creates an in-depth statistical picture of the airports and their operations, which, enhanced with current operational information, leads to improved strategic, pre-tactical and tactical handling of the traffic, limiting the airports' potential negative impact on the network. This contract is aiming to contract external support, which would be able to use the existing Network sources for collecting, processing, and presenting the information for consumption by the NM. Moreover, the externalization of the service would allow more flexible management of resources since the planning and reporting processes are characterised by the seasonal fluctuations.

Main selection, assessment and award criteria:

TECHNICAL ASSESSMENT CRITERIA
In-depth understanding of local airport and network factors impacting the performance of the European ATM network, and ability to provide initial quantitative and/or qualitative assessment of airport performance indicators (as per §3.1.1 of the Technical Specification)
Expertise and ability in conducting data analysis and processing of very large datasets (e.g. local Radar Traffic, Weather,...), with appropriate techniques, and in characterising, from surveillance traffic recordings, arrival and departure spacing,

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.

runway occupancy time, traffic patterns, airborne approach or climb trajectories, and related 'time-to-fly' in a range of wind conditions
In-depth understanding of runway throughput influence factors and available runway throughput solutions, focusing on SESAR solutions ('TBS-ORD', 'ROCAT') and EUROCONTROL solution 'BRETSEP') and ability to derive, for given solution, design criteria for safe application to a selected airport environment, as well assessing related runway throughput benefits (e.g., based on fast-time simulation)
In-depth understanding of wake vortex physics, access to a validated wake behaviour modelling tool, capability of wake behaviour modelling for use in approved safety cases by competent authority
Skills, knowledge and capability for AI/ML model selection, training and learning assurance development for ATM/ATFM applications.
Knowledge of application of EASA Guidelines for AI/ML safety assurance, working understanding of the EU Regulation 2019/123, and ICAO PANS-ATM 4444 provisions for separation minima on final approach

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: 12-04-2024 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:

DRAGOMIR, Anca

DCF/AFS/PROC

E-mail: anca.dragomir@eurocontrol.int

Tel. : +32 2 729 3228

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.