

i- CALL FOR TENDERS

Call for Tenders No.: 22-210227-A

Title: SESAR PJ02 – Increased runway and airport throughput – ACAP Platform – Integration of ACAP Web Applications

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 development project of this Call for Tender will support the deployment of SESAR solutions for high-performing airport operations, considering that PJ.02 aims to improve the efficiency and resilience of arrival and departure operations at capacity-constrained airports and access to secondary airports by delivering operational and technical improvements to enhance infrastructure and increase traffic throughput whilst providing environmental benefits and preserving safety.

The SESAR PJ.02 Solutions, addressing in particular the enhancements for runway throughput, are targeted to deliver a desired output and improvement of runway performance indicators. The main airport operation's stakeholders, both Airport Operators and ANSP, need to have dedicated tools or instruments to assess, monitor, evaluate and roll-out corrective measures to improve runway/airport airside operations.

The ACAP Platform concept has been specifically tailored to accommodate these different stakeholder activities. A first phase was to individually design and develop the essential web-applications to accommodate the main aspects of airport capacity and runway throughput management: data collection, analysis and consolidation of data and performing various simulations and metrics.

In a second phase the integration of these stand-alone web-applications into a single platform will offer airport stakeholders an integrated suite of tools to support the implementation of various SESAR PJ.02 solutions including amongst others activities such as monitor the runway performance parameters, run statistical analysis and simulations in an automated way and with a high degree of configurability. The applications embedded within the web-based platform are conceptually designed to offer their functionalities

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.

according to the Software-as-a-Service (SaaS) concept and respecting a transversal cross-platform philosophy.

This web-based platform, through its SaaS-concept, will also provide its benefits to the environmental challenge clearly earmarked as one of the biggest challenges for the foreseeable future in aviation. The analysis of taxi-operations through the computation of time and distance on the taxi-in and taxi-out routes enhanced with on-ground track visualisation will support an accumulated learning concept for the differentiation between optimal and sub-optimal routes inducing cost-efficient and sustainable ground trajectories. The data-driven integration of ACAP Platform and stakeholder data repositories will offer on an even larger scale the capability to design the most optimum continuous climb & descent routes. The evaluation of track miles flown within the TMA will offer an improvement of “on-time” performance increasing predictability and the evaluation of the reduction of carbon dioxide and noise footprint overhead noise and emission sensitive areas (for example urban areas/natural reserves) surrounding the airport.

Main selection, assessment and award criteria:

Criteria	
1	Tenderer shall demonstrate professional experience of similar software implementation/development contracts within other organisations (e.g. EU Agencies; Joint Undertakings) and in general with international organisations in the private or the public sector
2	The Applicant understands the functionalities of each individual Web Application and their relationship.
3	The Applicant understands the cross-platform interaction and concept and how this will impact the required technical solution.
4	The Applicant adopts and applies a recognised method for software requirements analysis.
5	The Applicant provides a concise and effective software development methodology.
6	The Applicant has proven experience with the implementation of NM B2B Services.
8	The Applicant proposes the required team composition: Project manager, Business analyst, Web Application Developer and UI/UX designer.
9	The Applicant shall demonstrate that the allocated persons in the Tender will effectively execute the project.
10	Tender includes a detailed CV of each person that will be allocated for the project.

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: 02-06-2022 at 15:00 CET
CFT Internet Notice I-IN-E via iSourcing Vers. {UIVersionString}

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, please send an e-mail to the Point of Contact mentioned above to get access to the documentation.
2. If you are not yet registered as a EUROCONTROL supplier, please follow the 3-step process described on the following link: <https://www.eurocontrol.int/portal/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.