

i- CALL FOR TENDERS

Call for Tenders No.: 21-110345-A

Title: Automatic Safety Monitoring Tool (ASMT) Software Development v6

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: This new version of ASMT will provides Users with the most up-to-date technical capabilities and new operational modules that the tool can offer, also providing features to comply fully with EC Regulation (EU) 2019/317.

Main selection, assessment and award criteria:

TECHNICAL CAPACITY CRITERIA
ISO 9001:2015 certified
2a. Software quality and security assurance standard specific for the development of software-Standards and Best Practices.
2b. Use of Agile development software methodologies, continuous integration and continuous deployment strategy
Technical and Professional Capacity to deliver on the project, including experience with similar projects and sufficient resources
TECHNICAL ASSESSMENT CRITERIA
1a. Master in Aerospace engineering and/or Air Navigation or Air Traffic
1b. Master in computer science
1c. English fluent (writing speaking, reading)

* EUROCONTROL – European Organisation for the Safety of Air Navigation
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, Moldova, Monaco, Montenegro, Netherlands, North Macedonia, Norway, Poland, Portugal, Romania, Serbia, Slovakia, Slovenia, Spain, Sweden, Switzerland, Turkey, Ukraine, United Kingdom.



NETWORK
MANAGER



2a. Knowledge in Operational Safety Principles
2b. Other European Languages than English could be an asset
3a. Proven record in implementation of SW development methodology acquired within industry and delivery of SW for similar tools
3b. 8-10 years knowledge of ASTERIX data format and decoding process
3c. 5-7 years knowledge of Java, Spring Boot, Angular
3d. 5-7 years of knowledge of big data analysis. Data collection strategy and statistical analysis also with other modes of transportation than Aviation
3e. ATM Safety and ATC operations expertise in more than 1 centre and more than one type of ATC (En-route, Approach, Tower)
3f. 10 year minimum experience in working with International Organisations or industries to manage project in safety domain
3g. Knowledge of EC Regulatory framework in particular the performance regulation
4a. Familiar with ANSPs Operational Data Processing principles in particular for safety occurrence reporting
4b. Good knowledge (user level) of SAFTTOOLS: eTOKAI and RAT, and with Microsoft Power BI Tool would be an asset
5a. Strong skills (See skills required in section 3.2 of technical specs and length of experience 8-10 years) in development of SW for tool similar to ASMT, in particular their application to ATM-Safety acquired within the Company core business
5b. Relevant experience (in similar projects and in length of experience 8-10years) in application of statistical methods
5c. Proven experience (8-10 years) of Project Management for similar tools
Frontline experience with similar tools, human machine interface, and safety performance evaluation are highly desired.
7a. Understanding of the assignment, tasks and deliverables
7b. Clarity of the technical approach 7c. Overall quality of the tender and commitment in its realisation

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: 27-09-2021 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, 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.