

i- CALL FOR TENDERS

Call for Tenders No.: ECTL_SRC_230084

Title: R-NEST Validation Platform Development and Maintenance

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: R-NEST (Research Network Strategic Tool) is a prototype tool owned by EUROCONTROL, dedicated to research activities for evaluating advanced ATM (Air Traffic Management) concepts, with a particular focus on ATFCM (Air Traffic Flow and Capacity Management). R-NEST is a stand-alone desktop application, derived from the NEST (NETwork Strategic Tool) toolset, which combines powerful airspace design capabilities and capacity planning analysis functionalities. This tasking contract aims at developing the R-NEST validation platform software according to the expected needs.

Main selection, assessment and award criteria:

TECHNICAL SELECTION AND CAPACITY CRITERIA

Subject	Proof required
An in-depth expertise in simulation software and modelling tool development	Confirmed experience, at least 5 years, in modelling tool and simulation software development, as demonstrated in the enclosed CV(s) and technical offer by list of projects and duration, description of relevance to the criterion and references that can be contacted by EUROCONTROL.
Domain Knowledge	Knowledge of ATM, at least 2 years, in particular network operations linked to ATFCM (DCB - flow management), and Airspace management, as demonstrated in the enclosed CV(s) and technical offer by list of projects, duration, description of relevance to the

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.

	<p>criterion and references that can be contacted by EUROCONTROL.</p>
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SCORING TECHNICAL ASSESSMENT CRITERIA

Criteria
Demonstrate a clear understanding of work packages 1-5 by providing added value in the solution proposed
Confirmed experience in Qt, QML and Cesium.js technology
High level of training and guidance capabilities.
Proven experience with operational concept and advanced research modelling activities with the NEST/SAAM tool.
Knowledge of EUROCONTROL Network Manager's operational data and processes (e.g. DDR2, Capacity planning)

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: 27-09-2023 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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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.