

i- CALL FOR TENDERS

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| <u>Call for Tenders No.:</u> | ECTL_SRC_240092 |
| <u>Title:</u> | Support to NEST tool |

General:

EUROCONTROL has 41 Member States and is a civil-military intergovernmental organisation committed to building, together with its partners, a Single European Sky, i.e. arrangements allowing the air navigation management system in Europe to achieve the level of performance required for the coming decades.

The EUROCONTROL Agency, which was set up to carry out the Organisation's mission, provides sustained support for all its Member States, for the European Commission and for the European Aviation Safety Agency (EASA). This assistance is provided in numerous fields, in particular those of regulation, general oversight of air navigation management arrangements, and the environment. The EUROCONTROL Agency is also tasked with the permanent monitoring of the performance of the air navigation management system in place in Europe and of the associated civil-military coordination.

For more information on EUROCONTROL, please refer to the following link:

<https://www.eurocontrol.int/about-us>

Technical subject matter:

The purpose of the present CFT is to support the NEST tool. It includes the development of new functionalities, as well as updates of the technical and guidance materials, and testing activities. The present CFT also requests the provision of interactive support and training for users, and participate to the capacity planning and airspace structure development meetings.

This tasking effort will be located in EUROCONTROL premises, either in Brussels HQ (Belgium) or in EIH Brétigny-sur-Orge (France), to allow the required coordination with the operational experts and the secure testing of new 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, Türkiye, Ukraine, United Kingdom.

Comprehensive Agreement States: Israel, Morocco.

Main selection and assessment criteria:

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| TECHNICAL CAPACITY CRITERIA |
| The tenderer must prove experience in developing software tools for modelling aircraft traffic and scenarios, network capacity, airspace design proposals and ATFCM scenarios. |
| Each of the proposed resources shall have university degree in computer science |
| Each of the proposed resources shall have at least 5 years experience in software programming in C++ |
| The tenderer must prove capacity to work in English |
| Pool of expertise related to the required work |

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| TECHNICAL ASSESSMENT CRITERIA- Pass/fail |
| Company and team presentation |
| SCORING TECHNICAL ASSESSMENT CRITERIA |
| Proposal for delivering to work packages 1-6 |
| Confirmed skills in project management using Agile methodology |
| Confirmed ability to develop in C++, Confirmed skills in Cygwin environment and shell scripts (especially bash) and awk writing, High level of knowledge of ergonomics and HMI |
| Confirmed skills for technical documentation writing (in English); |
| Good knowledge of the standard library (STL) |
| Confirmed ability to develop with QT5 |
| High level of experience of chart director library or similar chart library |
| High level of experience of libXL library or functionally similar component |
| Confirmed skills in exporting data to various formats (such as XML, MS ACCESS, MS Excel formats), Confirmed ability to develop tools for the Windows environment, Confirmed skills in Adobe Photoshop or similar software (e.g GIMP, PaintShopPro) and Illustrator or similar software (for example CorelDraw), Confirmed skills in ROBOT-SOFT Automatic Mouse and Keyboard or similar, Confirmed skills in EC Software Help & Manual or similar software, Confirmed skills on INNOSetup 5 or 6 tool for automated distributed installation, Confirmed skills in SVN and Tortoise, Confirmed skills in Microsoft Development environment using Visual Studio 2017, Good knowledge of TRAC ticketing system, Good knowledge of TWiki or similar Wiki systems |

The economically most advantageous offer will be established in accordance with the following Award criteria:

For the Technical tender, a weighting of 60% is applied, for the Financial tender, a weighting of 40%.

Tender closing date:

15 November 2024 at 15:00 CET
CFT Internet Notice I-IN-E via iSourcing Vers.2.12

Point of Contact:

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 printouts 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.