

i- CALL FOR TENDERS

Call for Tenders No.: ECTL_SRC_230104

Title: Support to NEST Tool modernisation

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 European Route Network Design function is one of the tasks of the Network Manager set out in the Commission Implementing Regulation (EU) 2019/123 [RD2]. In line with the purpose of the ERND, EUROCONTROL has developed the Demand Data Repository, the NEST airspace and capacity simulation tool and the ERNIP Tool. This contract is aiming to support the airspace data validation activities and their implementation and development in the NEST airspace design and capacity tool.

Main selection, assessment and award criteria:

TECHNICAL CAPACITY CRITERIA
The successful tenderer shall be providing its services on the domain like IT, software/database development, software/database maintenance, at least 3 years
The successful tenderer shall be able to provide its services/candidates in Belgium and on-site of Eurocontrol
The tendering company shall have recent knowledge on Air Traffic Management (ATM) or Airspace Design in Europe.

TECHNICAL ASSESSMENT CRITERIA
Good command of English. The proposed candidate shall be able to work and draft technical documentations in English
Proven experience C++ and Visual C++ as a developer
Proven experience with SQL as a developer and analyst

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.

Proven experience with shell scripting and associated commands (awk, grep, sed....)
Proven experience with MFC applications
Good knowledge of Subversion (SVN) source code control operations (update, commit ...)
Good knowledge of the BADA database
Good knowledge of parallel processing on different servers/processes/threads
Good knowledge of Wiki (for technical documentation)
Good knowledge of NM B2B services in terms of airspace data
Good knowledge of AIXM
Proven practice using Agile development methodology
Ability to draft technical documents, requirements and validation test cases
Ability to write automated test cases
Knowledge and experience of operational concepts RAD, FUA, FRA, FRA Point usage
Knowledge of the NM CACD system architecture
Knowledge of the NM CACD operational airspace data structure (points, traffic volumes, restrictions, routes, reference locations, SIDs, STARS,)
Knowledge of the Git version control system
Knowledge of the JIRA issue and requirement tracking system
Knowledge of the Qt application development framework
Knowledge of Cygwin Windows shell environment
Knowledge of Windows Subsystem for Linux
Knowledge of the NEST Tool
Experience with Microsoft Windows packaging tools
Knowledge of Help & Manual tool (for user's documentation) or any other html documentation tool

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: 28-11-2023 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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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.