i- CALL FOR TENDERS

Call for Tenders No.:	ECTL_SRC_230109
Title:	Middleware and development support
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 objective of this Call for Tender is to sign a a contract in order to achieve the goal of modernisation activities related to the ESCAPE simulator, with a focus on the middleware capabilities to be performed independently and gradually on each ESCAPE component

Main selection, assessment and award criteria:

TECHNICAL CAPACITY CRITERIA
Level of expertise on Kubernetes across the company
Pool of Java developers across the company
On site work arrangement description

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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.

TECHNICAL ASSESSMENT CRITERIA
Company and team presentation
Overall understanding of CFT specified optional task 'Code generator'
Overall understanding of CFT specified tasks 'Refactoring of IAS'
Recent experience in developing, testing and debugging C++ applications on Linux
Recent experience in developing, testing and debugging ADA applications on Linux
Recent experience in developing, testing and debugging ADA applications on Linux
Recent expert experience in developing, testing and debugging distributed applications on Linux, with o any IP-based middleware, o complex structured data flows, o involving multiple agents, both emitting and receiving data flows, o demonstrated exposure and resolution of distributed computing common issues such as marshalling/unmarshalling, ordering, reliability, synchronous/asynchronous invocations, bottlenecks, deadlocks, etc…) o demonstrated experience on modelling static data models such as using CORBA IDLs
Recent experience in model transformation: o Demonstrated capacity to describe and implement transformation from model to model o Knowledge of UML metamodel and XMI representation, and UML compliant tools
Recent confirmed experience in DevSecOps o creating pipelines in Azure DevOps, o creating terraform scripts deploying Kubernetes based infrastructures
Recent confirmed experience in Redis and/or NATS programming Java clients
High level of ability to communicate effectively in English (at least equivalent to level B2 as defined by the Common European Framework of Reference for Languages (CEFR) of the Council of Europe

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

For the Technical tender, a weighting of 70% is applied, for the Financial tender, a weighting of 30%.

Tender closing date: 08-03-2024 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:

GRIESS, Steve

DCF/AFS/PROC
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If this Call for Tenders should interest you, please read   the important information below:

CFT Internet Notice I-IN-E via iSoucing Vers.2.8

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<u>IMPORTANT NOTICE</u>

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.