

## i- CALL FOR TENDERS

**Call for Tenders No.:** ECTL\_SRC\_230054

**Title:** Prototype Platform FlyingGreen

**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:** Contract relating to the development of a realistic prototype of a new platform of services, called FlyingGreen, to support European Civil Aviation Conference (ECAC) States (44 member States) and operational Stakeholders in their decarbonisation as well as climate adaptation initiatives.

**Main selection, assessment and award criteria:**

TECHNICAL CAPACITY CRITERIA
Tenderers (Company) must have successfully dealt with previous projects that included handling of massive amounts of data potentially spread out across many systems. This covers multiple sources, multiple deliverables, multiple formats for data.  (please refer to data feed in section 3 of the technical specifications).
Tenderers (Company) must have successfully dealt with previous similar projects in the following areas covered by the technical specifications (The experience gained on the different projects listed must cover all the points below without exception): <ul style="list-style-type: none"><li>• agile software development (scrum / sprint methodology)</li><li>• agile project / programme management incl. interfaces with external stakeholders</li><li>• data integration, management and governance</li><li>• development &amp; deployment of complex software</li><li>• web based hosting and web based application development</li><li>• advanced Human-Machine Interface developments</li></ul> (please refer to section 3.1, 3.2 and in particular section 3.3 of the technical specifications)

### 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.

<b>TECHNICAL ASSESSMENT CRITERIA</b>
<p>Technical requirements (as driven by Sections 3 and 4 of the Technical Specifications)</p> <ul style="list-style-type: none"> <li>• Demonstrable technical ability in the following: <ul style="list-style-type: none"> <li>- agile software development methodologies based on iterative development</li> <li>- handling huge amount of aviation data / information, of multiple formats and sources</li> <li>- specifying and implementing fit for purpose software system architecture</li> <li>- developing application programming interfaces (APIs), to access to different infrastructure / systems / warehouses) <i>i.e.</i> privileging loosely coupled facilities</li> <li>- configuring and deploying web-based and cloud based solutions</li> <li>- developing interfaces for data extraction and analysis capabilities offering a fully interactive environment</li> <li>- developing custom data visualisation</li> </ul> </li> </ul>
<p>Resources:</p> <ul style="list-style-type: none"> <li>• Provide qualified staffing: <ul style="list-style-type: none"> <li>- with at least 10 years experience in: <ul style="list-style-type: none"> <li>* agile software development</li> <li>* designing, specifying and developing high performance scalable enterprise data management / distribution and data intelligence solutions for data analytics and metrics</li> </ul> </li> <li>- excellent ability in developing technical specifications, reports, presentations etc</li> <li>- Excellent analytical skills</li> <li>- Excellent communication skills (in English) also in interaction with stakeholders.</li> <li>- comprehensive understanding of environmental matters</li> <li>- certain level of understanding of aviation</li> </ul> </li> <li>• Provide commitment with respect to both stability and availability of staffing in the proposed team</li> </ul>
<p>Organisation of the service provision:</p> <ul style="list-style-type: none"> <li>• Provision of an Initial Project Management Plan (PMP) included in the technical proposal</li> <li>• Provision and maintenance of a Project Management Plan to be adapted in close collaboration with EUROCONTROL to provide a road-map to describe how the project will be executed</li> <li>• Availability on the tenderer side of a software platform for agile project management, action tracking (backlog), bug management, etc.</li> <li>• Organisation and provision of regular reporting and follow-up of list of actions</li> </ul>

<ul style="list-style-type: none"> <li>• Provision in the technical proposal and maintenance throughout the duration of the project of a risk management including risks, challenges and proposed mitigation actions</li> </ul>
<p>Quality of the Tender</p> <ul style="list-style-type: none"> <li>• Presentation of the Company and overall material and resources available to support the contract</li> <li>• Overall understanding of the contract requirements and context</li> <li>• Added value of the technical approach in addition to the technical description as it appears in the Technical Specifications</li> </ul>
<p>Familiarity with the following environment, platforms / models used at EUROCONTROL:</p> <ul style="list-style-type: none"> <li>• IT environment</li> <li>• PRISME</li> <li>• Network Manager business-to-business web services</li> <li>• Environmental models and methods: Advanced emission model (AEM), Open-ALAQs, IMPACT, EMIS</li> </ul>

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:** 12-06-2023 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.