

## i- CALL FOR TENDERS

**Call for Tenders No.:** 21-120325-A

**Title:** ASTERIX Specification Migration to JSON

**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:** In order to facilitate the implementation into an ASTERIX Encoder/Decoder the specifications – currently available in PDF format – shall be transferred into JSON format.

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

<b>TECHNICAL CAPACITY CRITERIA</b>	
	The Tenderer <b>shall</b> demonstrate in the Tender to have at least 2 years of experience in the processing of JSON structured data and XML formats and/or any machine-oriented structured data format.
	The Tenderer <b>shall</b> demonstrate in the Tender to have at least 2 years of experience in software development (e.g. Java, Python, C, C++ languages)
	The Tenderer <b>shall</b> demonstrate in the Tender to have at least 2 years of experience in requirement definition and documentation (i.e. Requirements and User Manual)
	The Tenderer <b>shall</b> demonstrate in the Tender to have at least 2 years of experience in software development, testing and validation activity
	The Tenderer <b>shall</b> demonstrate in the Tender to have at least 1 year of experience in the provision of Training courses
	The Tenderer <b>shall</b> demonstrate in the Tender to have at least 6 months experience of ASTERIX or justify when and how they plan to be able to work with ASTERIX.

\* EUROCONTROL – European Organisation for the Safety of Air Navigation  
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, Moldova, Monaco, Montenegro, Netherlands, North Macedonia, Norway, Poland, Portugal, Romania, Serbia, Slovakia, Slovenia, Spain, Sweden, Switzerland, Turkey, Ukraine, United Kingdom.



NETWORK  
MANAGER



<b>TECHNICAL ASSESSMENT CRITERIA</b>
The Tenderer shall provide a description of the proposed solutions accompanied by the explanations required for a proper understanding of the technical solution.
(REQ1) The Tenderer <b>shall</b> carry out the activities of this project in strict cooperation with the EUROCONTROL ARTAS Team.
(REQ2) The Tenderer <b>shall</b> define the JSON format that is compatible with the format used by the EARCO project (for this purpose, the Agency provides in an Annex to this document an extract of the EARCO JSON representation of ASTERIX CAT021).
(REQ3) The Tenderer <b>shall</b> extend the suggested initial JSON structure in order to achieve a loss-less conversion from PDF to JSON (i.e. all information in the PDF format has to be transferred to the JSON representation).
(REQ4) The Tenderer <b>shall</b> provide in the Tender a high-level description of the structure of the JSON file.
(REQ5) The Tenderer <b>shall</b> provide in the Tender a proposal (i.e. High level description) of the convertor product that will convert the ASTERIX Specification from the PDF (or MS Word) to the agreed JSON format.
(REQ6) The Tenderer <b>shall</b> provide in the Tender a proposal (i.e. High level description) of the generator product that will convert the ASTERIX Specification from the JSON to the PDF format.
(REQ7) The Tenderer <b>shall</b> provide in the Tender a proposal for the JSON file of one extract of one of the ASTERIX Category (e.g. CAT021) including the full description of all Item types (please refer to ASTERIX Part 1 ed. 3.0).

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:** 14-10-2021 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:

Stanila DIMITROVA  
 DCF/AFS/PROC  
 E-mail: [Stanila.DIMITROVA@eurocontrol.int](mailto:Stanila.DIMITROVA@eurocontrol.int)  
 Tel. : +32 2 729 3825

**If this Call for Tenders should interest you, please read the important information below:**

CFT Internet Notice I-IN-E via iSourcing Vers.2.2

### **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, please send an e-mail to the Point of Contact mentioned above to get access to the documentation.
2. If you are not yet registered as a EUROCONTROL supplier, please follow the 3-step process described on the following link: <https://www.eurocontrol.int/portal/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.