

## i- CALL FOR CANDIDATURE - INNOVATIVE PARTNERSHIP PROCEDURE

**Call for  
Candidatures No.:**

**20-120501-V**

**Title:**

Automatic Speech Recognition (ASR) in Air Traffic Control Simulation

**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:**

EUROCONTROL is aiming at automatizing part of the simulation facility by introducing virtual pseudo piloting functions. Speech recognition and Text to speech engines will have to interface with the simulator. Context sensitive recognition or other solutions might be necessary. As the matter is complex, a stepwise approach is preferred.

The selection phase aims at identifying companies with the appropriate technical expertise, experience and resources in order to propose and develop innovative solutions to the requirement.

The research and development phase shall provide a first prototype for automatic context sensitive speech recognition as well as Text To Speech functionalities. The prototype shall demonstrate optimized runtime and recognition performances as well as accessibility for interfacing with Voice Communication System and complex ATC simulators at EEC.

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

<b>TECHNICAL ASSESSMENT CRITERIA</b>
<b>Summary of the Candidature, Quality of the proposal, relevance to the technical specifications, completeness</b>

\* 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.



<b>Experience with Speech recognition, performance and interfacing capabilities, past projects</b>
<b>Reference/Experience with Text To Speech, past project</b>
<b>Interconnectivity/Interfacing of the reference projects</b>

The three Candidatures having the highest final score using the technical assessment criteria will be considered for contract awarding, provided that no factors or risks to EUROCONTROL would justify a different recommendation

**Candidature closing date:**

**11 January 2021** at 15:00 CET

**Point of Contact:**

If you wish to receive the Call for Candidatures please see the “Important Notice” below and if you have any other related questions, please contact:

Stanila DIMITROVA  
CF/AFS/PAR/Procurement  
E-mail: Stanila.DIMITROVA@eurocontrol.int  
Tel. : +32 2 729 3825

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

### **IMPORTANT NOTICE**

The full i-Call for Candidatures documentation is in electronic format (.pdf).

If you wish to obtain the i-Call for Candidatures 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 candidatures shall be made electronically and shall be exclusively made in strict accordance with the instructions given in the candidatureing 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 Candidatures documents for the submission of candidatures (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 candidature.