

## **APPEL D'OFFRES-i - VIA « I-SOURCING »**

### **No. 19-220550-A**

### **Drone Traffic Collision Risk Assessment Tool Demonstrator**

The purpose of the Contract to be let with the successful Tenderer is to undertake the definition, development and implementation of a Drone Traffic Collision Risk Assessment Tool Demonstrator enabling analysis of a drone-related separation events.

#### **Who should tender:**

The Contractor Personnel shall demonstrate :

- Experience of report/manual writing in English;
- Experience on Agent-based Conflict & Collision Risk modelling, preferably with application to ATM and aviation;
- Experience and capability to build and run Agent-based Conflict & Collision Risk models allowing rare event probability estimation;
- Experience with Monte Carlo simulation and with techniques for Monte Carlo acceleration;
- Experience on encounter modelling;
- Participation in research projects addressing drone traffic.

European  
Organisation for the  
Safety of  
Air Navigation

**Closing date: 10/10/2019, 15:00 Brussels time**

Organisation  
européenne pour la  
sécurité de la  
navigation aérienne

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#### **Point of Contact:**

If you wish to receive the call for tender please see the "important notice" below and if you have any other related questions, please contact:

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### 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 a EUROCONTROL supplier, please follow the 4-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 "NOTICE CONCERNING THE PRESENTATION OF TENDERS".
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 Form i-AF32CFT).
6. You may not:
  - a) modify, edit and/or change the electronic documents;
  - 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.
7. EUROCONTROL reserves the right not to send you the tender documentation, if your company is considered as incapable of submitting an offer to the i-call for tenders (size of the project, complexity etc.).

**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.