

## **ENQUETE DE PRIX-i - VIA « I-SOURCING »**

### **No. 17-220462-E**

#### **InCAS Porting to 64 bits**

To support the evaluation of aircraft encounters that involved Airborne Collision Avoidance System (ACAS) alerts, EUROCONTROL has developed the Interactive Collision Avoidance Simulator (InCAS). It is a Microsoft Windows operative software tool for analysis and diagnosis of ACAS performance during aircraft encounters. It uses radar track data of the encounters as a basis and allows for the analysis of a set of variations in systems settings and pilot performance. The InCAS tool has been developed in an incremental way during the last 25 years. InCAS has a 32-bit architecture.

In order to fulfill SESAR Pj11 commitments, there is an urgent need to port InCAS to become a 64-bit application. Further, the present version of ACAS X software ("Run 15") should be integrated to the ported version of InCAS, so that the version of ACAS can be evaluated in a European environment.

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

The Contractor Personnel shall possess :

- Knowledge of the InCAS product or equivalent
- Knowledge and experience in developing TCAS/ACAS related software
- Knowledge of the TCAS / ACAS logic
- Proven track record of successful software development, notably porting to 64 bits
- Capability to start immediately and complete the porting in the required timescale

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**Closing date: 04/08/2017 at 15:00:00 (Brussels time)**

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

If you wish to receive the price enquiry 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:

## ENQUETE DE PRIX-i - VIA « I-SOURCING »

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:

<http://www.eurocontrol.int/articles/supplier-portal-registration-procedure>

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.