



Expression of Interest – Contested Urban Environment 2021 (CUE) 21 activity

Without commitment or prejudice.

Introduction

Contested Urban Environment (CUE) 21 is an activity set against the backdrop of world-wide urbanisation. CUE 21 is a Multinational experiment to demonstrate and assess the benefits of integrated Science & Technology capability, concepts and their associated technologies and will, this year, be held in the historic UK city of Portsmouth.

Integral to the CUE 21 requirement is the need to present representative targets against which technology performance may be assessed. These targets include small UAS, operating in a defined manner throughout the experiment.

The profile of the event and capabilities within is key to both UK and our international partners. The stretching nature of CUE 21 means that the small UAS target provision requires a professional approach from the UAS subject matter experts.

This UAS target provision requirement is a key enabler to the demonstration of attendant counter-small UAS (C-sUAS) technology at CUE 21 in its ability to detect, track and identify small UAS.

Requirement

The UAS CDC is supporting Dstl to help identify a UAS operator to supply and operate a variety of UAS platforms with Suitably Qualified Experienced Personnel (SQEP) pilots with all requisite permissions and authorisations. The supplier will be required to:

1. provide a minimum of four different multi-rotor UAS Platforms. The target set will comprise of 3 x DJI UAS and 1 x 'other' manufacturer UAS for the following categories:
 - a. C1 (<900g);
 - b. C2 (<4kg);
 - c. C3 (4kg <25kg).
2. to operate for at least five days over a three-week period between 27 September and 15 October 2021 (final dates tbc), which may potentially include weekends.
3. operate the requisite targets in an urban environment.
4. operate within Visual Line of Sight procedures at all times.
5. provide up to ten days support, ahead of the described experiment period engaging with the CUE 21 central planning team to integrate the flying programme into the wider experiment and to attend planning conferences. These activities will be UK based.



Registering Your Interest

If you wish to be considered for this opportunity, please register your interest to the UAS CDC (UASCDC@QinetiQ.com) by 25th March 2021, whereupon a Pre-Qualification Questionnaire will be issued to you.

This information will allow the UAS CDC and Dstl to assess your potential to provide support for this task and any applicants meeting the initial criteria will be issued with a detailed RFQ in due course.

If you have any queries please do not hesitate to contact the undersigned.

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