



### **Request for information**

Without commitment or prejudice.

Thank you for registering your capabilities on the Unmanned Air Systems Capability Development Centre (UAS CDC) Open Supplier Register (OSR). Based on the information submitted onto the OSR you have indicated to us that you have:

- Class 1 (Micro, Mini, Small) UAS capabilities;
- Have a UAS operating capability;
- Have an engineering capacity.

As such, you may be interested in receiving further details of a forthcoming UAS CDC opportunity.

### **Small Unmanned Air System Indoor Demonstration**

On behalf of several UAS CDC Stakeholders, a capability demonstration is being planned to evaluate the potential use of Small UAS (SUAS) in an indoor environment.

To help an initial evaluation of SUAS capability and the technology available to support indoor operations, the UAS CDC is seeking potential SUAS operators, manufacturers or technology providers to undertake a limited demonstration.

The indoor demonstration is planned to take place over several days between the 1<sup>st</sup> May 2015 and the 30<sup>th</sup> June 2015 (actual dates TBC); a specific location in London has been earmarked for the event.

The UAS CDC is looking for commercial and bespoke SUAS platforms that can demonstrate the following criteria:

- a. The UAS must be able to operate and navigate in an indoor environment and land at a precise location;
- b. It is desirable that the SUAS platform has dual EO/IR payload options; single payloads and additional payloads (such as 3d mapping, microphones, etc.) will also be considered;
- c. It is also desirable that the SUAS platform demonstrates the ability to carry a 'dumb' payload in conjunction with a functioning optics payload;
- d. The SUAS platform shall demonstrate the ability to carry an optics (EO/IR) whilst carrying another payload;
- e. Real time imagery and data from the platform must be able to be disseminated to a remote "operations room" and up to two other end users outside of the operating (indoor) environment;
- f. The platform must be man portable, quick into action and easy to use in an operational environment;



- g. The SUAS platforms and technology must be either in production or sufficiently mature enough to be commercially available within 12-18 months.

Where you have capabilities which match the above criteria, please provide details of the platform and payloads you believe would be of interest for the demonstration and a recent case study of work that is relevant to the task. In the event that your company has not performed any indoor flying to date, but you believe your company is still able to provide such services, please outline the expertise and experience you would draw on to do so.

### **RFI Assessment**

The platforms you propose for this demonstration will be assessed by the UAS CDC stakeholders prior to issue of the Request for Quotation. The evaluation criteria has been prepared by UAS CDC for the evaluation of every submission. The evaluation criteria will be based upon items a. to g. above.

If you wish your capabilities to be considered for the demonstration and receive further information, you are asked to submit details of your proposed SUAS solution(s) to the UAS CDC by 3pm on Wednesday 1<sup>st</sup> April 2015.

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