



**Expression of Interest Notice for TSK087 - Potential UAS Providers**

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 <20kg Rotary Wing;
- Class 1 <20kg Fixed Wing
- Have a UAS Operating Capability.

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

**Provision of Operators for Counter UAS Trial**

The UAS CDC has received an initial requirement to supply of UAS and operators to a trial of counter SUAS technologies in a controlled environment.

The demonstration is expected to take place between 15<sup>th</sup> January 2018 and 2<sup>nd</sup> February 2018. Trial will take place at RAF Spadeadam.

A summary of the basic requirements are as follows:

*\* Note: supplier can respond to either or both Requirements.*

<b>Requirement 1 : Provision of Fixed Wing Services</b>	
Platform 1	(5 off, to be customer owned after trial). Should ideally be the same as or similar to (in terms of flight control, size, design make up, INS, FPV): <ul style="list-style-type: none"><li>• Skywalker X8</li><li>• Origin Sky hunter</li><li>• RV Jet</li><li>• X-UAV Talon.</li></ul>
Platform 2	(2 off, to be supplier owned) The secondary platform can be the normal operating platform that the supplier is familiar with, but roughly the same size as the main (preferably different wing configuration).
Flight Limits	<ul style="list-style-type: none"><li>• Flying height: 1000 ft AGL.</li><li>• Flying range from GCS: 4 km.)</li></ul>
Operators	Ability to have two platforms airborne at the same time.



<b>Requirement 2 : Provision of Quadcopter services</b>	
Platform 1	(5 off, to be customer owned after trial). <ul style="list-style-type: none"><li>DJI Phantom 3 standard or Pro.</li></ul>
Platform 2	(5 off, to be customer owned after trial). <ul style="list-style-type: none"><li>DJI Phantom 3 Adv or 4K, or Phantom 4.</li></ul>
Platform 3	(5 off, to be customer owned after trial). <ul style="list-style-type: none"><li>Bebop 2</li></ul>
Flight Limits	<ul style="list-style-type: none"><li>All flying to be done with VLOS (500 m and 400 ft).</li></ul>
Operators	Ability to have three platforms airborne at the same time.

If you are interested in this opportunity, should the trial go ahead, please confirm your availability to support.

Proposed Timelines

EOI Responses Due	22/11/17
Issue RFP	22/11/17
RFP Responses	01/12/17
Down Selection Process	4-8/12/17
Contract Award	w/c 18/12/17
Trial Commencement	15/12/17

Responses should be forwarded to the UAS CDC email address below by close of play Wednesday 22<sup>nd</sup> November 2017.

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