

OS Supplier Engagement Event for Bespoke Optical Sensor Development

The Requirement

Ordnance Survey is looking for a supplier, or suppliers, to develop a small, lightweight, bespoke optical sensor capable of operation on an airborne platform. Several prototype camera and lens combinations have been tested to date and we have a good idea of the dynamics that the sensor will need to withstand to meet the needs of the specific application.

We are looking for a camera manufacturer to help us build an operational sensor to deploy. There are several challenging aspects to the project which will need to be overcome and will require a dedicated R&D approach to developing a prototype, and then an operational system. The sensor should be capable of producing an ortho-rectified image of the ground, using an imaging system which can resolve at an angular resolution of 1.5 arc seconds. The image should have at least three bands – in the red, green and blue areas of the spectrum, and would ideally also have a near infra-red band. Ideally the sensor will have a minimum angle of view of 5.8 degrees. An ongoing relationship to develop future enhancements is required. These may include the development of multi-spectral sensors and the capability to produce stereo imagery.

OS is holding an information day to share further details around the proposed contract, the way in which we are looking to engage with potential suppliers and to gain the markets feedback on our proposed approach. OS are keen to encourage engagement from groups of companies with complementary skillsets to submit joint proposals.

Date and Location

Date: Thursday 13th September 2018

Time: 13:00 – 16:00

Location: Ordnance Survey, Explorer House, Adanac Drive, Nursling, Southampton, SO16 0AS

Attendance Confirmation

If you are interested in attending, please email Procurementgroup@os.uk to confirm your attendance and the names and titles of your attendees by Friday 31st August 2018.

We require all attendees to sign and return a non-disclosure agreement prior to attending the event, which is attached to this notice. Please return this to Procurementgroup@os.uk by Friday 31st August 2018.

Ordnance Survey Limited

Explorer House, Adanac Drive, Nursling, Southampton SO16 0AS

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