

No.	Question	Authority Response
1	Please can the Authority confirm the Security Classification of this tender/contract.	Security Classification is Official-Sensitive - Security Aspect Letters (SAL) have been added to the attachment area in DSP
2	Please can the Authority provide an attachment area on the DSP for the upload of the Custom Import duty statement in support of the DEFFORM 47 and the same for the Form 1686 if the contract is above OFFICIAL.	If required, please include forms as part of the DEFFORM 47 attachment
3	One of the pass/fail criteria in the ITT is that the system must be passive. Please could you confirm if that is that correct, or whether active radar systems will be considered (as was implied at the industry day)?	The ITT is correct, the system must be able to be passive. However, please refer to the response to question 5 which details systems that have an active component
4	Is there still the aspiration to move forwards with a Community of interest at a later date in this space to offer a framework (not related to the UCR directly) for further C-UAS capabilities into RN and wider MOD	Yes, we hope to do so in the next financial year.
5	<p>In the tender documentation the implicit choice for RF-based technology seems too contradictory to the requirements (R1.1-1.3) to detect various drone types and models, explicitly including self-build hobbyist's drones. The way the tender is currently phrased suggests that a CUAS-radar-only solution will not be compliant. Can clarify whether:</p> <ol style="list-style-type: none"> <li>1. (active) radar-only solutions are eligible,</li> <li>2. a solution based on a combination of radar and RF is eligible</li> </ol> <p>The justification for eligibility solutions based on radar technology are well-prepared to address the whole spectrum of UAS threats, including self-build hobbyist's drones (and radio-silent drones)</p>	<p>To avoid mutual interference on deployed platforms and to meet the timescales of the UCR, the system must be passive. If there is an active element on the system proposed to be fielded in respect of this ITT then that active element must be disabled for the duration of the trial, further the vendor shall describe and validate how the active component has been disabled and provide evidence on each day of the trial.</p> <p>There is currently a core C-UAS programme being stood up between now and the end of FY22/23 that will be a vehicle for the consideration of the slightly longer-term view of integrated solutions.</p>
6	The timeline to deliver a response by 4 Jan 23 is not something we can achieve due to our internal processes. Is there any chance that an extension can be given due to Christmas etc between now and the deadline?	Due to the time constraints of the UCR and the timeframes for the follow-on activities, we are unable to extend the deadlines.

7	<p>Section B, key dates table, last line, states "Delivery of Additional Systems if contract option exercised" with a date of "By 31 March 2023".</p> <p>Para D49 Stage One Tech Eval Criteria, R12.1 states "The 10 off systems shall be able to be supplied by March 2023 to support immediate deployment".</p> <p>Schedule 2, line 3 states "Option to purchase up to 11 further systems on successful completion of the Sea Trial... February 2023 through to February 2025".</p> <p>Therefore, can you please confirm that the quantity required is 1 + 11 = 12?</p> <p>And that the delivery profile is as per the Schedule 2, commencing in March 2023 to complete no later than February 2025 so 1 system every 2 months? Or that is an error and you want them all in March 2023?</p> <p>Given the scoring criteria of pass/fail for 10 systems (should probably be 11 systems) for delivery in March 2023 it would imply you know someone has these systems on the shelf and therefore the competition is simply being run as a formality. We ask because we do not have that full quantity on the shelf for such a fast delivery, but we are confident our solution will outperform anyone else at the demonstration which we could support, to be followed by additional systems 6 to 9 months later (due to supply chain lead times)</p>	<p>The total quantity of systems required is: 1 + 11 = 12.</p> <p>The delivery of systems to theatre is gated by the velocity that DE&amp;S complete the safety cases and ship fit work on a per platform/vessel basis which in turn is gated by identifying which system is selected. Therefore, whilst all units must be contracted for, the systems must be delivered up as follows - this is the latest date the systems can be delivered:</p> <p>March - 2 systems April - 4 systems May - 2 systems June - 2 systems July - 2 systems</p> <p>Please note that DE&amp;S, given this is a priority UCR, may complete the safety case work and ship fit work in advance of these dates so an accelerated delivery ahead of the above dates is highly desirable.</p>
8	<p>Please can the Authority confirm the exact quantity of systems that will be purchased under the option buy?</p>	<p>Please refer to the response to question 9</p>
9	<p>There is conflicting information with regards to the delivery of the Option systems.</p> <p>Schedule 10 – 7.1 states delivery of multiple systems by 31/03/23.</p> <p>Section B, Key Tendering Activities states - Delivery of Additional Systems if contract option exercised by 31/03/23.</p> <p>Schedule 2 – SOR states – Option to purchase up to 11 Further systems – delivery date Feb 2023 to Feb 2025.</p> <p>Please can the Authority confirm the delivery requirements for the Option systems.</p>	<p>We confirm the total delivery is 1 (for sea trial and onward shipping to theatre) +11 (for shipping to theatre) = 12.</p>

10	Please can the Authority confirm when and what training is to be provided by the winning bidder in support of the Sea Trials.	None - the sea trial is to evaluate the system in a similar way to the land trial. The equipment will be operated by the supplier.
11	Please can the Authority confirm how, where and what technical support is required during the sea trials and how many days this support will be required for.	The sea trial will be 1-2 days (tbc). Technical support will be as the land trial, that is, one operator and one maintainer
12	<p>Schedule 10 Statement of Requirement – R3.1 &amp; R3.2.</p> <p>Does the &lt;3m mast that we intend to use at the land-based demonstration event need to be supplied with the system for the Sea Trial and each of the any subsequent systems procured?</p>	The 3m limit is for the land trial given the nature and constraints of the site. For the sea trial the antenna is perhaps likely to be fitted on top of the ships bridge, bridge wing or they may be more than one antenna fitted to the platforms guard rail to address any wooding issues. The sea trial plan is currently being composed and vessel sourced, further, a preferred system is yet to be selected. A combination of those elements is required to understand the sea trial constraints on the vendor. As soon as information is available on the sea trial and platform this will be shared
13	<p>Schedule 2 Schedule of Requirements Items 1 &amp; 3.</p> <p>Does the delivery of either of these require the prime contractor to provide bespoke antenna mounting brackets, cables, control station mounting or conduct any form of installation activity on board a platform?</p>	DE&S are currently delivering up the ship fit work. Until Navy Dev have selected a system then DE&S will be unable to complete this work. We expect the selected system vendor to work very closely with DE&S with regards to ship fit. However, it is highly likely that DE&S/Royal Navy will perform the actual install in theatre and not the vendor.
14	Can the Authority please confirm the number of Business Days which shall apply to Condition 20 in Schedule 3 'Contract Data Sheet' with respect to the time period within which the Contractor must provide the Deliverable Quality Plan following Contract Award.	30 days after contract award
15	<p>Can the Authority please confirm that the following paragraph under 'Performance Management' in clause 46 of the MOD Terms and Conditions shall only apply following a failure by the Contractor to deliver the goods/services on the agreed/contracted date:</p> <p>"If, in order to deliver the goods/services, the Contractor sources anything through their supply chain subcontractors they shall not charge any additional mark up or profit, on those costs they have paid, when calculating prices to be charged to the Authority."</p>	Yes

16	<p>Can the Authority confirm JSP 440 was detailed incorrectly at R8.3 and that Government Functional Standards GovS 007: Security should have been claimed in its stead.</p> <p>For normal day-to-day protective security requirements UK Defence Contractors (FSC (ListX)) that are undertaking contracts that include DefCon 659A are required to comply with the national security provisions contained in the GovS 007: Security issued by the Cabinet Office in its capacity of UK National Security Authority.</p> <p>There is, therefore, normally no need for JSP 440 to be provided to FSC (ListX) contractors for protective security reasons. Indeed, the GovS 007: Security is specifically referenced in DefCon 695A Ed 09/21 as the security regulations with which contractors must be legally compliant.</p>	Confirmed
17	Authority requested to confirm that they will be providing target UAS for the Demonstration event, including arranging any clearances required to operate a UAS from the site?	Confirmed
18	Authority requested to confirm that they will be providing target UAS for the Demonstration event, including arranging any clearances required to operate a UAS from the site?	The EO sensors will not be activated, the radar will be activated but not manned. We are not cross referencing the system performance against what a radar can detect, rather we are assessing performance within a typical ships environment - a high RF environment. Therefore, there will be no data to share.
19	Authority requested to confirm if access to radar and EO sensor data installed at PTP will be available for the Demonstration event?	Due to the availability of Naval assets, we cannot confirm this until closer to the event.
20	Authority requested to confirm that they will be providing target UAS for the Sea Trial, including arranging any clearances required to operate a UAS from the ship?	Confirmed
21	Authority requested to confirm that the Authority will be responsible for all platform integration and certification requirements for the Sea Trial in Feb 2023?	In the time between the land trial completion and sea trial start we will work together to understand the integration requirements which we expect the vendor to provide input to. The successful system is likely to be temporarily fitted to the platform and therefore the burden is expected to be low/negligible. Any certification requirements outside the information previously provided by the vendor will be led by Authority although it should be noted that input will be required from the vendor.

22	Authority requested to confirm that platform integration, installation and assurance of the 11 systems is outside the scope of this tender?	Confirmed
23	Authority requested to confirm the target platform class for the optional 11 systems?	We are unable to provide this pre contract award. If this question is about integration, then this system will be a temporary fit given this is a UCR. Further information about the target vessels is sensitive and will not be provided pre contract award
24	The U.S. DOD has had significant success for similar requirements by leveraging Wide-Area Infrared Sensing systems for persistent surveillance (optical radar). Is the Authority considering the advantages of these capabilities for this requirement?	The ITT covers the UCR only. See response to question 5 paragraph 2 which describes the longer-term ambitions for Royal Navy
25	What architecture and networks is the Authority seeking to utilise for this capability requirement?	For the UCR this will be a stand-alone system with no networking. See response to question 5 paragraph 2 which describes the longer-term ambitions for Royal Navy
26	Is the total budget allocated against 11 systems (must the price of 11 systems be under this budget) or will the Authority consider fewer but more capable systems under this budget?	A total of 12 systems are required, the first system being the unit used for sea trial, which upon successful trial, will be shipped to theatre
27	Is the Authority expecting to be able to integrate CUAS effectors as a future uplift?	See response to question 5 paragraph 2 which describes the longer-term ambitions for Royal Navy
28	D49 R12.1 stipulates 10 off systems. Schedule 2 Items 1 and 3 total 12 off systems. Which is correct?	Please see answer to question 9.
29	D49 R6.1 Requirement is detailed as 'Power Supply'. However, the Criteria text details SAPIENT. Could the Authority confirm that this question relates to SAPIENT and interconnectivity rather than 'Power Supply'?	Confirmed
30	Where the Technical Response online questions give a drop-down list yes or no answer rather than a text box - is selecting yes where we comply) sufficient to gain the maximum mark for that question or should we upload additional evidence documents to supplement the yes/no answer?	Where evidence has been requested, please provide it. Where evidence has not been requested, please be aware that those elements will be tested at trial

31	D51 details the evaluation criteria for the demonstration event. This includes measures of effectiveness against system performance. It does not include any assessment of claimed library coverage (noting that D49 R10.1 and 10.2 identify the potential for library-based systems to be submitted). Can the Authority therefore confirm that, in order to assess performance at the demonstration event, that each planned launch location will utilise a UAS identified from a system's declared library?	No
32	R1.23. Does an accurate GPS location count as a bearing readout?	No
33	D51 Can the Authority also confirm whether the detection of a wide range of drones will be added to the weight of the score or rather than (for instance) a single drone type from each category is enough to get the applicable score?	There are specific tests for multiple drones (R1.8 - R1.16), the assessment and weighting are as specified in the ITT
34	D51 When assessing the ability to detect several drones simultaneously, does that include drones of different types? Does that include two or more drones of the same type and model? Would the scoring be influenced by the ability to detect a variety of such pairs of drones?	We will be flying a mix of drones and the scoring is as defined in the ITT. We believe this is clearly specified in the assessment criteria
35	D51 - regarding the need to discriminate between drones on different bearings, what separation angle is expected to be tested? Also, in the case the system creates an uncertainty range in the bearing, is an overlap between the two uncertainty ranges considered to be non-compliant?	We cannot confirm the separation angle as this would invalidate the testing at the land trial event. If there was an overlap between two uncertainty ranges, then this would not be non-compliant
36	R1.25 is there an expected number of true drones within the tested hour? Is there any data on the RF environment against which a low false alarm rate is tested?	We cannot confirm the number of true drones flown in advance as this would invalidate the testing at the land trial event. The RF environment is representative of a Royal Navy vessel emitter fit
37	Which platform will the sea trial be on?	Due to the availability of Naval assets, we cannot confirm this until closer to the event.
38	Please can you provide the platform types for installation for the rest of the orders.	Please see response to question 23
39	Will a schedule be provided for installations with locations and when will this be shared?	Installation will be carried out by the Authority; a delivery schedule is shown at the response to question 7

40	Currently the sea trial is to take place with 1 unit on the 27th of February. How many days are you allowing to carry out the trial and then to initiate Option 1, to allow delivery by 31st March 2023?	Between 1-2 days, to be confirmed
41	Could you please clarify what counts as delivered? Would you accept a testing certificate or a shipping receipt if there aren't enough days to deliver physical units between Option 1 being invoked and the 31st of March 2023?	Please see response to question 7