

Statement of Requirement (SoR)

1.	Requirement
1.1	Title
	Installation of Roof Mounted Satellite Antenna to Mercedes Sprinter Vans
1.2	Summary
	There is a requirement to provide and install new satellite communications system onto new Mercedes Sprinter vans.
1.3	Background
	The supply and installation of a new satellite system on three Mercedes Sprinter Vans is required that will be connected to existing communications infrastructure. In addition, four external roof mounted antenna's will need to be installed and connected (antenna's provided by Dstl).
1.4	Requirement
	<p>The installation will need to be conducted incrementally i.e. one van at a time. There will need to be an agreed test & evaluation period on the first installation with the flexibility to make installation alterations to the subsequent installations (if required).</p> <p>The service provider will be required to:</p> <ol style="list-style-type: none">1. Provide and install Kymeta U8 flat panel satellite antenna (must be able to connect via Ethernet to the COTS system in the van) with a 12-month KU satellite airtime package, with unlimited usage (5Mbps down and 2Mbps up) on each vehicle.2. Install Ethernet bulkhead sockets provided by Dstl to each vehicle.3. Install four roof antennas and RF cables provided by Dstl (3 x cellular antenna 2x2 MIMO and 1 x wifi/cell/gnss antenna) to each vehicle.4. Install the systems in three vans by 31 January 2022 and the turnaround time should be no more than 15 - 20 working days.

	<ol style="list-style-type: none"> 5. The installation solution shall limit the extent of modifications to the structure of the vans and interior fittings – bespoke shelving¹, desks, electrics and linings are fitted in the cargo area that are under manufactures warranty. Work should seek to avoid invalidating vehicle and equipment warranties. 6. The providers should seek to address all of the requirements listed and if possible offer a solution(s) or alternatives where requirements cannot be met². 7. The service provider shall have a customer facing single point of contact who will manage and coordinate our requirements. 8. The service provider must be cleared for work up to OFFICIAL. 9. Associated installation certifications shall be provided e.g. electrical safety certificate, equipment warranties etc. 10. All documentations for the installed equipment e.g. user manuals, guides, safety information etc shall be provided. 11. The contractor should have the ability to conduct all aspects of the installation on-site at Porton.
1.5	Options or follow on work <i>(if none, write 'Not applicable')</i>
	<p>Proposals are to include costed options for the following:</p> <ol style="list-style-type: none"> 1. To install: <ol style="list-style-type: none"> a. Excell cellular antenna. b. Kymeta U8 upgrade for access to OneWeb LEO network.

¹ A bespoke configuration of [Edstrom shelving system](#), linings, electrics etc were fitted under a Ricardo contract and the vehicles is new with a standard Mercedes manufacturers warranty.

² Provided that the supplier has the necessary clearance (up to official) then there will be the opportunity for potential suppliers to inspect the vans before submitting final quotes.

1.6	Deliverables & Intellectual Property Rights (IPR)						
Ref.	Title	Due by	Format	TRL*	Expected classification (subject to change)	What information is required in the deliverable	IPR DEFCON/ Condition <i>(Commercial to enter later)</i>
D1	Requirements meeting	Start of contract	Virtual Meeting	N/A	O	<ul style="list-style-type: none"> • Present installation solutions. • Discuss and confirm sequencing of works. • Agree timelines. • Identify risks, issues and opportunities. • AOB. 	705
D2	Delivery Progress Update	Weekly	Email	N/A	O	Update to include: <ul style="list-style-type: none"> • Any risks/issues that may impact on delivery. Any other relevant information.	705

***Technology Readiness Level required**

Notes- IPR should be inserted / checked by commercial staff before sharing with the supplier(s) to ensure accuracy.

1.7	Standard Deliverable Acceptance Criteria
	The providers should seek to address all of the requirements listed and if possible offer a solution(s) or alternatives where requirements cannot be met.
1.8	Specific Deliverable Acceptance Criteria
	<ul style="list-style-type: none"> • Inspection of the vehicles to confirm work is as agreed and no damage has been caused to the vehicle incl fixtures and fittings. • Check that any work carried out has not invalidated existing warranties i.e. Edstrom shelving system (fitted under Ricardo contract) and Mercedes vehicle warranty. • Function test of all fitted equipment to confirm it works in accordance with original equipment manufacturers (OEM) standards. One week should be allowed for Test & Evaluation of the new equipment with any reported faults rectified by the contractor within 5 working days.

2.	Quality Control and Assurance
2.1	Quality Control and Quality Assurance processes and standards that must be met by the contractor
	<input checked="" type="checkbox"/> ISO9001 (Quality Management Systems) <input type="checkbox"/> ISO14001 (Environment Management Systems) <input type="checkbox"/> ISO12207 (Systems and software engineering — software life cycle) <input type="checkbox"/> TickITPlus (Integrated approach to software and IT development) <input type="checkbox"/> Other: (Please specify below)
2.2	Safety, Environmental, Social, Ethical, Regulatory or Legislative aspects of the requirement

3.	Security	
3.1	Highest security classification	
	Of the work	Official
	Of the Deliverables/ Output	Official
3.2	Security Aspects Letter (SAL)	
	Not applicable If yes, please see SAL reference- <i>Enter iCAS requisition number once obtained</i>	
3.3	Cyber Risk Level	
	Not applicable	
3.4	Cyber Risk Assessment (RA) Reference	
	RAR-782960184 If stated, this must be completed by the contractor before a contract can be awarded. In accordance with the Supplier Cyber Protection Risk Assessment (RA) Workflow please complete the Cyber Risk Assessment available at https://www.gov.uk/guidance/supplier-cyber-protection-service	

4.	Government Furnished Assets (GFA)
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GFA to be Issued - No					
<i>If 'yes' – add details below. If 'supplier to specify' or 'no,' delete all cells below.</i>					
GFA No.	Unique Identifier/ Serial No	Description: <i>Classification, type of GFA (GFE for equipment for example), previous MOD Contracts and link to deliverables</i>	Available Date	Issued by	Return Date or Disposal Date (T0+) <i>Please specify which</i>

5.	Proposal Evaluation criteria
5.1	Technical Evaluation Criteria
	Supplier will be evaluated against their ability to meet the requirements outline at 1.4 and as detailed at in the Evaluation Criteria attached to the ITT.
5.2	Commercial Evaluation Criteria
	As above.