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## Winchperson Communications Top Level Requirement

### 1. Introduction

- 1.1 Puma 2 Gazelle Delivery Team (P2G DT) ("the Authority") requires the Contractor to provide and support an airworthy winch person wireless radio communication system to connect and operate with Puma HC Mk2 Air System Inter-Communication System (ICS).
- 1.2 The contractor shall provide/deliver the required goods/services to the site listed at Table 1 below.

Site Name	Site Representative if not Project Lead	Address
RAF Benson	JHC-AWB-22SqnPu Crewman	Receipt and Despatch FAO JHC-AWB-22SqnPu Crewman RAF Benson Wallingford OX10 6AA

Table 1 – Recipient for deliverables

- 1.3 The duration of this Contract shall be for 2 years from Contract Award until 31/03/2025. The contract award is anticipated to be on or before 31/03/2023 (Subject to Change).
- 1.4 The Statement of Requirements will be sent to the successful suppliers at the Invitation To Tender (ITT) stage.

### 2. Core Service

- 2.1 Provision of an airworthy winch person wireless radio communication system to connect and operate with the Air System Inter-Communication System (ICS). Each System shall be composed of 1 (one) base station wirelessly connected to minimum 1 (one) deployable transceiver with a minimum capable range of 500m.
- 2.2 Total quantity will be 12 (twelve) base stations and 18 (eighteen) transceivers.
- 2.3 Minimum of 2 (two) base stations and 2 (two) transceivers and associated chargers to be delivered as per Table 2 Batch 1 (c) for trial post Contract Award.
- 2.4 If successful, Contract Option to be exercised in accordance with any agreed Contract Amendment procedure, delivering in a single consignment the:
- 2.4.1 Remaining 10 (ten) mobile wireless Air System base stations without need to integrate to Air System with 7 (seven) associated charger devices (for ground use only) as per Table 2 Batch 2 (d); and
- 2.4.2 Remaining 16 (sixteen) deployable transceivers with 10 (ten) associated charger devices (for ground use only) as per Table 2 Batch 2 (d).

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Description	Total Quantity Required	Breakdown for trial and delivery purposes	
		Batch 1: Quantity required for trial and assessment purposes	Batch 2 (Contract Option – Subject to Contract): Quantity to be provided after successful completion of trial and exercise of Contract Option.
(a)	(b)	(c)	(d)
Base Station	12	2	10
Base Station Chargers (Ground use only)	9	2	7
Transceivers	18	2	16
Transceivers Chargers (Ground use only)	12	2	10

Table 2 - Full deliverables

- 2.1. The Contractor shall demonstrate the system can achieve compliance against the following standards:
  - 2.1.1.Def-Stan 00-035.
  - 2.1.2.Def-Stan 00-051.
  - 2.1.3.Def-Stan 00-056.
  - 2.1.4.Def-Stan 00-970.
  - 2.1.5.Def-Stan 05-135.
  - 2.1.6.DEFCON 627.
- 2.2. The System shall not cause degradation of any system or sub-system of the Air System.
- 2.3. The System allows communication with the Air System ICS with comparable features and audio quality.
- 2.4. The System shall be compatible with in-service Air System Aircrew Equipment Assemblies (AEA).
- 2.5. The System base station and deployable transceiver shall operate seamlessly from cold start.
- 2.6. The System shall operate within environmental limits of minus 10°C and at 50°C
- 2.7. The System shall be powered independently from the Air System.
- 2.8. Certification documents shall be provided by the OEM.

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### **3. Technical Support**

- 3.1. The Contractor shall provide support at least until 31 March 2025. This shall include but not be limited to:
  - 3.1.1. Publications provided with the system.
  - 3.1.2. Provision for publications amendment.
  - 3.1.3. Functional testing to be carried out by user.
  - 3.1.4. Scheduled maintenance requirements.
  - 3.1.5. Maintenance and repair arrangements.
  - 3.1.6. Provision of Post Design Services support.
  - 3.1.7. Support helpline available for technical support during UK office hours 0800 to 1700 Monday to Friday.
- 3.2. A Certificate of Design which certifies that the system meets the requirements detailed within this SOR, along with any Limitations or Exceptions.
- 3.3. Provision of Field Service Representative for up to 4 days to support introduction into service trials, UK only, normal working hours 0800 -1700.
- 3.4. User documentation for the equipment.
- 3.5. Maintenance documentation for the equipment.
- 3.6. Recommended maintenance regimes for the equipment.