# STATEMENT OF REQUIREMENT FOR THE PROCUREMENT OF HEAVY ARMOURED AUTOMOTIVE IMPROVEMENT PROGRAMME (HAAIP) MAIN ENGINE COOLING FANS

#### Issue

1) The Authority has identified a requirement as part of the Heavy Armoured Automotive Improvement Programme (HAAIP) to procure 294 centre Fans, 294 left-hand (LH) Fans, 294 right-hand (RH) Fans with associated drive and mounting components. HAAIP Fans are needed to increase cooling performance across the Heavy Armoured fleet via improved air flow across the cooling group. The current Fan solution is dated and by exploiting improvements in technology the Authority can improve performance of the engine cooling group via simple upgrades to new components. Securing an improved build standard of HAAIP Fans will support the Heavy Armoured Fleet through addressing automotive obsolescence and improved reliability.

#### **Background**

2) HAAIP is a key component of the Challenger 2 Life Extension Programme (CR2 LEP), providing modern automotive components to improve platform manoeuvrability and stability which is seen as fundamental in the testing and balancing of the LEP main armament to improve first hit ratios. HAAIP will deliver five component improvements: engine upgrade to include electric cold start, hydraulic track tensioners (HTT) with in line accumulator, upgraded 3rd Gen Hydrogas suspension units (Hg3), new updated cooling Fans and updated high efficiency radiators. HAAIP will compliment CR2 LEP to produce an integrated platform solution capable of operating on the battlefield currently out to 2035 (aspired out to 2040).

# Requirement

- 3) The Contractor shall manufacture and supply 294 Centre, 294 Left Hand (LH) and 294 Right Hand (RH) main engine cooling Fans for HAAIP with associated drive and mounting components. The Contractor shall undertake the Design, Test, Manufacture and Supply of the Fans in accordance with the technical specification and drawings detailed within Appendix 1 (Heavy Armour CV12 Power pack Main Engine Fan Specification document).
- 4) The successful contractor shall validate its Fan design to the Specification at Appendix 1 in its entirety, via testing and verification of stated design parameters, and provide an Evidence Data Pack mapped to each individual requirement to allow acceptance of the design by the Authority. The Evidence Data Pack must include sufficient data/information/evidence to allow the Authority to determine that the design of the Fans and associated drive and mounting components meet the requirements stated within Appendix 1.
- 5) The Evidence Data Pack must be provided to the Authority electronically in MS Office or PDF, by the Contractor, within 20 business days of Contract Award. The Authority will formally notify the contractor of its acceptance of the Evidence Pack in writing within 10 business days of receipt. If the Authority requires modification of the Evidence Pack, this shall be completed by the Contractor and returned to the Authority within 10 business days.

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- 6) Where this evidence is insufficient the Authority will first seek clarification from the Contractor to remedy this. If sufficient evidence is not subsequently forthcoming to allow the Authority to accept the design of the Fans, then is it the responsibility of the Contractor to remedy this. If the Contractor is ultimately unable to provide evidence which validates the design of the Fan system in accordance with the requirements stated within Appendix 1, and within a reasonable timescale determined by the Authority, then the Authority reserves the right to invoke the Dispute Resolution process Condition 39 of the Terms and Conditions.
- 7) The Authority must approve the design interfaces with the CV12 Power pack without issue prior to the start of production. This will be achieved by the Contractor, under Authority supervision, fitting the Fan solution to a CV12 power pack at a location and date to be agreed by both parties following acceptance of the Evidence Pack.
- 8) If the design does not initially fit to the Power pack then minor alterations (fettling) can be carried out by the Contractor during the test fitting to rectify the issues. If major rework is required, the Contractor must rectify the issues and update the Evidence Data Pack, if applicable, within 20 business days. The full design acceptance process can be seen below at Figure 1. If the Contractor cannot rectify the issues identified during the Trial Fit, then the Authority reserves its right to invoke the Dispute Resolution process at Condition 39 of the Terms and Conditions.
- 9) Following successful completion of the Trial Fit and if no further re-work is required the Authority will provide written acceptance within 5 business days that the Contractor can proceed to the manufacture stage.

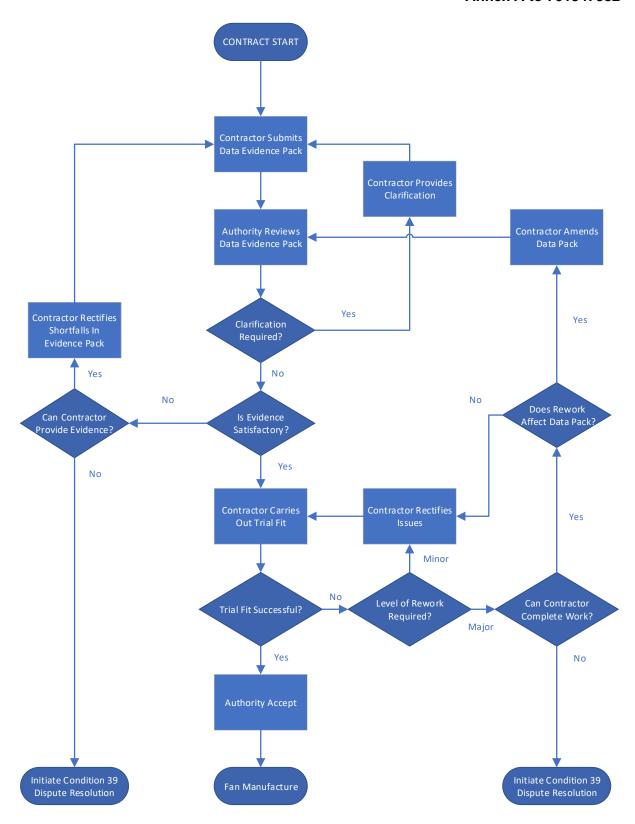


Figure 1: Acceptance Flow Chart.

10) The Contractor shall ensure each Fan Set and associated components have a Certificate of Conformity (CoC) that is serialised and linked to batches, confirming that each piece of Fan Set complies to the technical specification.

- 11) In accordance with DEFFORM 315 (Annex E to the ITT) the Contractor shall provide a Technical Data Pack (TDP) within 20 business days following the conclusion of the Acceptance Procedure. This is required to facilitate codification and update of support publications. The TDP must be delivered to the Authority's Project Manager (see DEFFORM 111) by email in PDF format and will include as a minimum:
  - a) Top level drawings and technical information
  - b) Repair information to facilitate repair by a 3rd party
  - c) Balancing criteria
  - d) Sufficient information to facilitate condemnation during maintenance, to include:
    - i) Maximum allowable end float
    - ii) Maximum allowable rim rock measured at the blade tip
    - iii) Minimum maximum allowable clearance Fan blade tip to cowl
    - iv) Drive belt tension
    - v) Drive belt pully condemnation criteria
    - vi) Minimum / maximum allowable Fan tip clearance
    - vii) Drive belt tension
    - viii) Drive belt pully wear criteria

# **Delivery and Packaging**

- 12) The Fans shall be delivered to the Authority in accordance with the Delivery Timeline specified at Appendix 2. Fan Sets no later than 45 weeks of Contract Award in accordance with the timescales provided at Appendix 2 (Delivery Profile)total quantity must be delivered with the contracted delivery profile at Appendix 2.
- 13) The Contractor shall be responsible for arranging delivery of all Fan Sets under the Contract to Defence Fulfilment Centre (DFC) Donnington, unless otherwise specified. All Fan Sets are to be delivered with Certificate of Conformity (CoC) and a fully completed DEFFORM 129J.
- 14) All Fans delivered as sets shall be delivered in suitable Commercial packaging (Level A) of a suitable design, to the level stated in the Delivery Schedule (Appendix 2) and Schedule 2 (Schedule of Requirements), to protect the Sets which is to be agreed with the Authority prior to bulk manufacture. This packaging shall include the entire Fan set, which shall be codified separately to the individual components, as a single kit of parts which includes all components to facilitate embodiment straight onto platforms. This packaging will be used to store these Sets for a maximum period of up to two years in dry storage.
- 15) Fans delivered as spares shall be individually packaged in accordance with Military SPIS level N as detailed in the Delivery Schedule (Appendix 2). Where Military Packaging is specified, it must be in accordance with Def Stan 81-041 Para 6 and delivered to DFC Donnington.

#### **Project Management - Contract Meetings**

16) The Contractor shall facilitate two Project Review Meetings (PRMs) for the first Contract Year: 1 within the initial 3 months of contract placement followed by a second at the start of production. PRMs shall then be held annually at the start of yearly production or as requested by the Authority with dates to be agreed by both parties.

- 17) Unless otherwise agreed with the Authority, PRM meetings shall be held virtually or at the Contractor's premises.
- 18) The Contractor shall chair the PRM and shall be responsible for meeting preparation, including:
  - a) Staff, facilities and services to host and record these meetings.
  - b) The calling notice and agenda, which will be submitted to the Authority for review and approval, no later than 10 business days before the meetings in the first year, then 15 working days thereafter.
  - c) The recording of minutes of the meeting which shall be distributed to the Authority no later than 10 working days after the meeting for approval by the Authority. Minutes are to be delivered electronically via email in MS Word.
  - d) Issuing and distributing the final, agreed minutes within 5 working days of the agreement being reached.
  - e) The provision to hold these meetings remotely if required.
  - f) As a minimum the agenda items shall comprise the subject headings within the progress report:
    - i) Delivery Progress against schedule
    - ii) KPIs
    - iii) Supply Chain or Manufacture Issues
    - iv) Quality Issues including failure trends and defect investigations and progress of any resulting work
    - v) Safety issues that could affect users and operation of equipment
    - vi) Configuration Control Issues (list of S/Ns etc)
    - vii) GFA currently held
    - viii) Contract Finance
    - ix) Legislative Changes
    - x) Top five current risks to Project

#### **Project Management- Contract Reports**

- 19) The Contractor shall provide the following reports under the contract:
  - a) A monthly Financial Management Report in accordance with DEFCON 647 (Financial Management Information). First report is to be delivered within 20 working days of the placement of the contract and each subsequent report to be received by the Authority no later than the 10th of each month and delivered electronically via email in MS Word / Excel.
  - b) A monthly Work in Progress report, during production months only, until each yearly order is fulfilled, which shall give details of all work undertaken in the preceding period. To be received by the Authority no later than the 10th of each subsequent month and delivered electronically via email in MS Word / Excel.
  - c) The Contractor shall ensure the content of the Work in Progress report, as a minimum, includes updates on the following:
    - i) Delivery Progress against Metrics, including serial numbers of each Fan
    - ii) KPIs
    - iii) Supply Chain or Manufacture Issues
    - iv) Quality Issues including failure trends and defect investigations and progress of any resulting work

- v) Safety issues that could affect users and operation of equipment
- vi) Configuration Control Issues
- vii) GFA currently held
- viii) Current financial accrual position
- ix) Legislative Changes
- x) Top five current risks to Project
- xi) Warranty Issues

# **Project Management - Contract Plans**

- 20) The Contractor shall provide a Deliverable Quality Plan in accordance with Condition 21 of the Contract Terms and Conditions and AQAP 2105 Edition C Version 1 NATO Requirements for Quality Plans. A draft Quality Plan shall be required at Tender return and the final plan is to be delivered to the Authority's Quality Assurance Representative within 1 month of Contract Award. The final version is to be delivered electronically in MS Word/PDF format.
- 21) The Contractor shall provide a Manufacturing Project Plan. The Contractor shall ensure the schedule is realistic and meets the project timescales and requirements, demonstrating capability to fulfil the contracted delivery quantities and timescales. The plan is to include:
  - a) Work Breakdown Structure
  - b) Work Breakdown Structure Dictionary
  - c) Fan production master schedule
  - d) Material Lead times
  - e) Ramp-up times
  - f) Tooling production schedule
  - g) Machining schedule
  - h) Contingency planning for potential delays.
- 22) A draft Manufacturing Project Plan shall be required at Tender return and the final version delivered to the Authority's Quality Assurance representative within 1 month of Contract Award. The final version is to be delivered electronically in MS Project/PDF format.
- 23) A draft Risk and Opportunity Management Plan shall be required at Tender return and the final version delivered to the Authority's Project Manager within 1 month of Contract Award. Thereafter the Contractor shall maintain the plan to enable a formal risk process to be managed in conjunction with the Authority. The Contractor shall make it possible for the Authority to engage with the risk update process via regular risk reviews and formal risk reporting of the highest risks as part of the monthly Project Review Meeting. The plan shall be available to the Authority electronically in MS Word/PDF format upon request.

## Project Management - KPIs and Social Value

24) The Contractor shall ensure it complies with the Key Performance Indicators (KPI 1 and KPI 2) for this contract, as detailed in Annex C to the Contract (KPIs). The Contractor shall be responsible for collecting, monitoring, and reporting on its performance against the KPIs in accordance with the information contained here and at Annex C. KPI performance shall form part of the PRM agenda. The Authority

reserves the right to challenge within 10 Business Days the KPI data submitted by the Contractor in any meeting/report. The Authority has provided Performance Management Record templates for all contract years for use by the contractor at Annex D.

- 25) The Authority shall monitor the Contractor's on-time delivery of Fan Sets using KPI 1 (see Annex C).
- The UK Government mandates the inclusion of Social Value in central government procurements. The Contractor is therefore required to provide Social Value outcomes as part of the delivery of this Contract. The Authority shall monitor the Contractor's delivery of Social Value outcomes directly against this contract using KPI 2 (see Annex C). The applicable Social Value outcomes, or Mandatory Assessment Criteria (MAC), have been taken from the Social Value Model and are as follows:

#### • Theme 2: Tackling economic inequality

- MAC 3.3: Support the development of scalable and future-proofed new methods to modernise delivery and increase productivity.
- MAC 3.4: Demonstrate collaboration throughout the supply chain, and a fair and responsible approach to working with supply chain partners in delivery of the contract.

# • Theme 3: Fighting Climate Change

 MAC 4.2: Influence staff, suppliers, customers and communities through the delivery of the contract to support environmental protection and improvement.

# Theme 5: Wellbeing

- MAC 8.2: Influence staff, suppliers, customers and communities through the delivery of the contract to support strong, integrated communities.
- 27) The Contractor shall supply to the Authority on an annual basis a social value report detailing how it has met the MAC in the current Contract Year; and how it intends to meet them in the following Contract Year, setting out intended activities for the next period. The report shall detail any benefits achieved and provide evidence against each MAC criteria.
- 28) The Contractor shall also deliver an Interim report delivered half-yearly showing current progress. The full report shall be delivered annually in line with the contract anniversary. Both reports must be submitted for Authority review, who will approve and determine the score achieved in the current year. The Authority will complete the review of all social value reports and advise accordingly within 10 business days.
- 29) The Authority need to be content that the contractor has taken action to meet the MACs within the current reporting year and that the forward plan is achievable. If the Contractor can't achieve any of the four MACs within a contract year, they must evidence and justify why this is the case. If upon review the Authority determines that the report is insufficient in quality or content, or is otherwise deemed unacceptable, the Authority reserves the right to request amendment to the plan before approval is granted.
- 30) Remedial action will be required if the supplier achieves a Red Score. Remedial action and the consequences of achieving a 'Red' score differ for KPI 1 and KPI 2 please refer to Annex C for full incentive details.

#### **Project Management – Manufacture of HAAIP Fans**

- 31) The Contractor shall undertake the inspection of deliverable Fan Sets in accordance with Def Stan. 05-061 Part 9, Issue 5 Quality Assurance Procedural Requirements Independent Inspection Requirements for Safety Critical Items resulting in a serialised Certificate of Conformity (CoC).
- 32) The Contractor will be responsible for maintaining a record/log of all inspections carried out and maintain a log of all non-conforming items for periodic inspection by the Authority.
- 33) The Contractor will ensure the Authority has access to these records/logs to initiate periodic quality assessments at the Contractors premises or sub-contractor premises.
- 34) The Contractor shall ensure that each Fan is identifiable (serial number) and issued with a serialised Certificate of Conformity (CoC) in accordance with Condition 26 of the contract Terms and Conditions. An electronic copy of all CoCs shall be provided to HAAIP Project Manager, via email, within 5 working days of notification of Fan shipping. Serialisation shall be undertaken to aid accounting, tracking and maintain usage data so that the durability can be monitored by the Authority.
- 35) First Article Inspection (FAIs) shall be conducted for all Production Batches, and FAI Reports (FAIR) are maintained as a record and made available to the Authority on request.

#### **Project Management – Configuration Control**

- 36) The Contractor shall ensure that Configuration Control (CC) is applied, appropriate and conducted in accordance with the requirements of Def Stan 05-57 Configuration Management of Defence Materiel. Each Fan Set shall be supplied with a serialised CoC.
- 37) The Contractor shall ensure a Current Build Standard record is maintained and available for inspection by Authority's representatives.
- 38) An Annual statement of Configuration report shall also be provided in accordance with Def Stan 05-57 Issue 7 Configuration Management of Defence Materiel.

## Quality

- 39) The Contractor shall comply with the following additional Quality Standards and provisions:
  - a) Quality Assurance Standards. The Contractor shall meet the Primary Quality Assurance Standard Requirements: AQAP 2110 Edition D Version 1 NATO Quality Assurance Requirements for Design, Development and Production; and all CoCs shall be provided in accordance with Condition 26 of the contract Terms and Conditions
  - b) **Government Quality Assurance (GQA)**. Where GQA is performed against this contract it will be in accordance with AQAP 2070 Edition B Version 4.

- c) **Concessions. -** Concessions shall be managed in accordance with Def Stan. 05-061 Part 1 Quality Assurance Procedural Requirements Concessions.
- d) Quality Management Systems. The Contractor shall hold an ISO 9001:2015 Quality Management System (QMS) or equivalent standard, for the duration of the contract, with an appropriate scope to meet the contract deliverables.
- e) **Contractor Working Parties**. Any contractor working parties shall be provided in accordance with Def Stan. 05-061 Part 4 Quality Assurance Procedural Requirements Contractor Working Parties.
- f) Configuration Management. For UK contracts: Configuration shall be managed in accordance with Def Stan 05-057 Configuration Management of Defence Materiel. The Supplier's Policy and Configuration Management Plan (CMP) is to be made available to the Authority on request.
- g) Counterfeit Avoidance Management. Counterfeit Avoidance Management shall be managed in accordance with Def Stan 05-135 Avoidance of Counterfeit Materiel and have a defined and documented policy for the avoidance of counterfeit materiel, including the requirement for an Anti-Counterfeiting Management Plan (ACMP). The Supplier's Policy and Anti-Counterfeit Management Plan (ACMP) is to be made available to the Authority on request.
- h) **Drawings.** All drawings produced as a deliverable or in support of this Contract shall be in accordance with Def Stan 05-10 (all parts) Drawing Procedures.

# **Security Requirements**

- 40) The Contractor shall conform to the requirements set out in DEFCONs 659A Security Measures, and DEFCON 660 Official Sensitive Security Requirements.
- 41) The Contractor shall be Cyber Essentials compliant and confirm to the requirements set out in DEFCON 658 Cyber.

#### **Appendix 1 – Technical Specification Document**

The Heavy Armour CV12 Power pack Main Engine Fan Specification document has been Redacted under the FOIA under Section 41 – Information Provided in Confidence Exemption

# Appendix 2 to the SOR – Fans Delivery Profile

Schedule 2 Line Item No.			
		(- )	
1	Specification:	28 (Sets)	
	HAAIP Fan Set Deliveries - Contract Year 1		
	Delivery Date:		
	No Later than 45 Weeks after Contract Award (minimum 5 Sets per		
	week thereafter until completion).		
	This date is dependent on the response provided to Question 2 of		
	the Technical Evaluation Criteria and will be amended to reflect the		
	winning bid at Contract award.		
	MOD Stock Ref. No:		
	NSN: Not codified		
	Contractor Part Number:		
	Not Known	_	
	Packaging requirements inc. PPQ and DofQ *		
	Commercial: Level A Qty 28		
	Military (SPIS): Level N Qty 0		
3	Specification	20 (Sata)	
3	Specification: HAAIP Fan Set Deliveries - Contract Year 2	30 (Sets)	
		-	
	Delivery Date		
	1st April 2022. This date is dependent on the response provided to Question 2 of the Technical Evaluation Criteria and may be amended		
	I		
	to reflect the delivery date of Contract Year 1 Fan Sets.  MOD Stock Ref. No:	-	
	NSN: Not codified		
	Contractor Part Number: Not Known		
		-	
	Packaging requirements inc. PPQ and DofQ *		
	Commercial: Level A Qty 28 Military (SPIS): Level N Qty 2		
	minually (or 10): Level in Qty 2		
5	Specification:	30 (Sets)	
	HAAIP Fan Set Deliveries - Contract Year 3	00 (00.0)	
	Delivery Date	-	
	1st April 2023		
	MOD Stock Ref. No: NSN: Not codified		
	Contractor Part Number: Not Known		
	Packaging requirements inc. PPQ and DofQ *		
	Commercial: Level A Qty 28		
	Military (SPIS): Level N Qty 2		
7	Specification:	30 (Sets)	
	HAAIP Fan Set Deliveries - Contract Year 4	(	
	Delivery Date		
	1st April 2024		
	MOD Stock Ref. No: NSN: Not codified	1	
	Contractor Part Number: Not Known		
	Packaging requirements inc. PPQ and DofQ *	1	
	Commercial: Level A Qty 28		
	Military (SPIS): Level N Qty 2		
9	Specification:	30 (Sets)	
	HAAIP Fan Set Deliveries - Contract Year 5	' '	
	Delivery Date	]	

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Schedule 2 Line Item No.	Item Details	Total Qty (Sets)
	1st April 2025	
	MOD Stock Ref. No: NSN: Not codified	
	Contractor Part Number: Not Known Packaging requirements inc. PPQ and DofQ *	
	Commercial: UK Level N (Packaging Code 6) Qty 28	
	Military (SPIS): Qty 2	
11	Specification: HAAIP Fan Set Deliveries - Contract Year 6	30 (Sets)
	Delivery Date	<del> </del>
	1st April 2026	
	MOD Stock Ref. No: NSN: Not codified	
	Contractor Part Number: Not Known	
	Packaging requirements inc. PPQ and DofQ * Commercial: Level A Qty 28.	
	Military (SPIS): Level N Qty 2.	
13	Specification:	30 (Sets)
	HAAIP Fan Set Deliveries - Contract Year 7	
	Delivery Date 1st April 2027	
	MOD Stock Ref. No: NSN: Not codified	
	Contractor Part Number: Not Known	
	Packaging requirements inc. PPQ and DofQ *	
	Commercial: Level A Qty 28.  Military (SPIS): Level N Qty 2.	
	Military (SPIS). Lever N Qty 2.	
15	Specification:	30 (Sets)
	HAAIP Fan Set Deliveries - Contract Year 8	
	Delivery Date	
	1st April 2028  MOD Stock Ref. No: NSN: Not codified	
	Contractor Part Number: Not Known Packaging requirements inc. PPQ and DofQ *	
	Contractor Part Number: Not Known Packaging requirements inc. PPQ and DofQ * Commercial: Level A Qty 28.	
	Contractor Part Number: Not Known Packaging requirements inc. PPQ and DofQ *	
17	Contractor Part Number: Not Known Packaging requirements inc. PPQ and DofQ * Commercial: Level A Qty 28. Military (SPIS): Level N Qty 2.	28 (Sets)
17	Contractor Part Number: Not Known Packaging requirements inc. PPQ and DofQ * Commercial: Level A Qty 28.	28 (Sets)
17	Contractor Part Number: Not Known Packaging requirements inc. PPQ and DofQ * Commercial: Level A Qty 28. Military (SPIS): Level N Qty 2.  Specification: HAAIP Fan Set Deliveries - Contract Year 9 Delivery Date	28 (Sets)
17	Contractor Part Number: Not Known  Packaging requirements inc. PPQ and DofQ * Commercial: Level A Qty 28. Military (SPIS): Level N Qty 2.  Specification: HAAIP Fan Set Deliveries - Contract Year 9  Delivery Date 1st April 2029	28 (Sets)
17	Contractor Part Number: Not Known Packaging requirements inc. PPQ and DofQ * Commercial: Level A Qty 28. Military (SPIS): Level N Qty 2.  Specification: HAAIP Fan Set Deliveries - Contract Year 9  Delivery Date 1st April 2029  MOD Stock Ref. No: NSN: Not codified	28 (Sets)
17	Contractor Part Number: Not Known Packaging requirements inc. PPQ and DofQ * Commercial: Level A Qty 28. Military (SPIS): Level N Qty 2.  Specification: HAAIP Fan Set Deliveries - Contract Year 9  Delivery Date 1st April 2029 MOD Stock Ref. No: NSN: Not codified Contractor Part Number: Not Known	28 (Sets)
17	Contractor Part Number: Not Known Packaging requirements inc. PPQ and DofQ * Commercial: Level A Qty 28. Military (SPIS): Level N Qty 2.  Specification: HAAIP Fan Set Deliveries - Contract Year 9  Delivery Date 1st April 2029  MOD Stock Ref. No: NSN: Not codified Contractor Part Number: Not Known Packaging requirements inc. PPQ and DofQ * Commercial: Level A Qty 28.	28 (Sets)
17	Contractor Part Number: Not Known Packaging requirements inc. PPQ and DofQ * Commercial: Level A Qty 28. Military (SPIS): Level N Qty 2.  Specification: HAAIP Fan Set Deliveries - Contract Year 9  Delivery Date 1st April 2029  MOD Stock Ref. No: NSN: Not codified Contractor Part Number: Not Known Packaging requirements inc. PPQ and DofQ *	28 (Sets)
	Contractor Part Number: Not Known Packaging requirements inc. PPQ and DofQ * Commercial: Level A Qty 28. Military (SPIS): Level N Qty 2.  Specification: HAAIP Fan Set Deliveries - Contract Year 9 Delivery Date 1st April 2029 MOD Stock Ref. No: NSN: Not codified Contractor Part Number: Not Known Packaging requirements inc. PPQ and DofQ * Commercial: Level A Qty 28. Military (SPIS): Level N Qty 0.	
17	Contractor Part Number: Not Known Packaging requirements inc. PPQ and DofQ * Commercial: Level A Qty 28. Military (SPIS): Level N Qty 2.  Specification: HAAIP Fan Set Deliveries - Contract Year 9  Delivery Date 1st April 2029  MOD Stock Ref. No: NSN: Not codified Contractor Part Number: Not Known Packaging requirements inc. PPQ and DofQ * Commercial: Level A Qty 28. Military (SPIS): Level N Qty 0.	28 (Sets) 28 (Sets)
	Contractor Part Number: Not Known Packaging requirements inc. PPQ and DofQ * Commercial: Level A Qty 28. Military (SPIS): Level N Qty 2.  Specification: HAAIP Fan Set Deliveries - Contract Year 9 Delivery Date 1st April 2029 MOD Stock Ref. No: NSN: Not codified Contractor Part Number: Not Known Packaging requirements inc. PPQ and DofQ * Commercial: Level A Qty 28. Military (SPIS): Level N Qty 0.	
	Contractor Part Number: Not Known Packaging requirements inc. PPQ and DofQ * Commercial: Level A Qty 28. Military (SPIS): Level N Qty 2.  Specification: HAAIP Fan Set Deliveries - Contract Year 9  Delivery Date 1st April 2029  MOD Stock Ref. No: NSN: Not codified Contractor Part Number: Not Known Packaging requirements inc. PPQ and DofQ * Commercial: Level A Qty 28. Military (SPIS): Level N Qty 0.  Specification: HAAIP Fan Set Deliveries - Contract Year 10  Delivery Date 1st April 2030	
	Contractor Part Number: Not Known Packaging requirements inc. PPQ and DofQ * Commercial: Level A Qty 28. Military (SPIS): Level N Qty 2.  Specification: HAAIP Fan Set Deliveries - Contract Year 9  Delivery Date 1st April 2029  MOD Stock Ref. No: NSN: Not codified Contractor Part Number: Not Known Packaging requirements inc. PPQ and DofQ * Commercial: Level A Qty 28. Military (SPIS): Level N Qty 0.  Specification: HAAIP Fan Set Deliveries - Contract Year 10  Delivery Date 1st April 2030  MOD Stock Ref. No: NSN: Not codified	
	Contractor Part Number: Not Known Packaging requirements inc. PPQ and DofQ * Commercial: Level A Qty 28. Military (SPIS): Level N Qty 2.  Specification: HAAIP Fan Set Deliveries - Contract Year 9  Delivery Date 1st April 2029  MOD Stock Ref. No: NSN: Not codified Contractor Part Number: Not Known  Packaging requirements inc. PPQ and DofQ * Commercial: Level A Qty 28. Military (SPIS): Level N Qty 0.  Specification: HAAIP Fan Set Deliveries - Contract Year 10  Delivery Date 1st April 2030  MOD Stock Ref. No: NSN: Not codified Contractor Part Number: Not Known	
	Contractor Part Number: Not Known Packaging requirements inc. PPQ and DofQ * Commercial: Level A Qty 28. Military (SPIS): Level N Qty 2.  Specification: HAAIP Fan Set Deliveries - Contract Year 9  Delivery Date 1st April 2029  MOD Stock Ref. No: NSN: Not codified Contractor Part Number: Not Known Packaging requirements inc. PPQ and DofQ * Commercial: Level A Qty 28. Military (SPIS): Level N Qty 0.  Specification: HAAIP Fan Set Deliveries - Contract Year 10  Delivery Date 1st April 2030  MOD Stock Ref. No: NSN: Not codified	

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Schedule 2 Line Item No.	Item Details	Total Qty (Sets)
	Total	294
		(Sets) of Fans
		Fans

- 43) \*as detailed in DEFFORM 9644) \*\*Including delivery

Appendix 3 – Summary of Contract Deliverables and Acceptance Criteria

ID	Deliverable	SOR Reference	Frequency/ date to be delivered	Acceptance Criteria
1	294 294 power pack Fans (forming 294 QTY Fan Sets)	Para 3 Paras 12-15 Annex A – Technical Specification	Delivery in accordance with the Delivery Schedule (Appendix 2).	<ul> <li>Full acceptance by the HAAIP OM (Authority) confirming the deliveries have been received, are in accordance with the agreed build standard and supported by Certificates of Conformity.</li> <li>Confirmation of delivery to DFC Donnington.</li> <li>Completed DEFFORM 129J</li> <li>Packaged to appropriate standard.</li> </ul>
2	Evidence Data Pack.	Para 4  Annex A – Technical Specification	Within 20 business days of Contract Award.	The Authority reviews Contractor evidence that design meets the Technical Specification (Appendix 1) and if content provides written acceptance within 10 business days of receipt.
3	Trial Fit	Para 7-9 Figure 1	At a location and date to be agreed by both parties following acceptance of the Evidence Pack.	Successful Trial Fit and completed EDP, with no rework required, and approved by the Authority.
4	Certificate of Conformity	Para 10 Para 13 Para 32 Para 35 Para 37 Para 40.a	Delivered with each Fan delivery.	Electronic copy provided to the HAAIP OM (the Authority) with each Fan delivery.

5	Technical Data Pack (TDP)	Para 11	Within 20 business days following the conclusion of the Acceptance Procedure.	Delivered to the Authority in the correct format containing minimum criteria listed at Para 11.
6			Two (2) in first year then annually thereafter	<ul> <li>Delivered to schedule</li> <li>Meets all requirements of Para 12</li> <li>Delivery of calling notice, agenda and minutes including drafts within designated timings as per Para 16-18.</li> </ul>
7			Monthly during production	Received by the Authority no later than the 10th of each subsequent month and delivered electronically via email in MS Word / Excel.
8			Monthly during production	<ul> <li>Received by the Authority no later than the 10th of each subsequent month and delivered electronically via email in MS Word / Excel</li> <li>Include the minimum contents as per Para 19.c.</li> </ul>
9			Draft at Tender return  Final within 1 month of Contract award	<ul> <li>Plan in accordance with Condition 20 of the Contract Terms and Conditions and AQAP 2105 Edition C Version 1 NATO Requirements for Quality Plans</li> <li>Must be approved by Authority's Quality Engineer.</li> </ul>
10			Draft at Tender return  Final within 1 month of Contract award	<ul> <li>Include the minimum headings found at Para 21.</li> <li>Must be approved by Authority's Project Manager.</li> </ul>
11			Draft at Tender return	Completion of review of the top five formal risks during Monthly progress review.

			Monthly review of top 5 Risks in support of the Project Review Meeting  As requested by the Authority	Delivery of plan electronically via email in MS Word or PDF to the Authority's Project Manager.
12			Monthly during production	<ul> <li>Inspection on request by Authority's Quality Engineer.</li> </ul>
13	Configuration Control	Para 37	Annual As requested by the Authority	<ul> <li>Configuration Control (CC) is applied in accordance with Def Stan 05-57 - Configuration Management of Defence Materiel</li> <li>Inspection on request by Authority's Quality Engineer.</li> </ul>
14	Quality Assurance Standards	Para 39	Full term of Contract	Quality requirements shall be reviewed and approved by the Authority's Quality Engineer.
15	Security Requirements	Para 40 Para 41	Full term of Contract	<ul> <li>Evidence of Conformance to:</li> <li>DEFCONs 659A – Security Measures</li> <li>DEFCON 660 – Official Sensitive Security Requirements</li> <li>Be Cyber Essentials compliant</li> </ul>