

**STATEMENT OF WORK FOR  
SPARES PROVISION, REPAIR (SPARES INCLUSIVE), POST DESIGN SERVICES (PDS)  
AND MODIFICATION FOR THE SUPPORT OF LEGACY AIRCRAFT WASH EQUIPMENT,  
FLUID REPLENISHMENT EQUIPMENT.**

Air Commodities Team

ACCOMM/00026

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## LIST OF ABBREVIATIONS

AoG	Aircraft on Ground
AP	Air Publication
ART	As Received Test
BER	Beyond Economic Repair
CDD	Contract Data Document
CDDL	Contract Deliverable Document List
CMM	Component Maintenance Manual
COD	Certificate Of Design
CSS	Contractor Supplied System
CWE	Collaborative Working Environment
DAOS	Design Approved Organisation Scheme
DSA	Disposal Services Authority
DMP	Demonstration and Manufacturing Phase
Def Stan	Defence Standard
DO	Design Organisation
DofQ	Denomination of Quantity
ESS	Equipment System Specification
FOC	Full Operational Capability

FQR	Final Qualification Review
HFIP	Human Factors Integration Plan
IFS	Interface Specifications
ILS	Integrated Logistic Support
ILSM	ILS Manager
IOC	Initial Operating Capability
ISA	Independent Safety Auditor
ISD	In Service Date
ISPP	Integration Study and Planning Phase
ISP	Integrated Support Plan
ISS	Installation System Specification
ISSP	In Service Support Phase
ITEAP	Integrated Test Evaluation and Acceptance Plan
ITT	Invitation To Tender
JSP	Joint Service Publication
Keymat	Key material
LTC	Local Technical Committee
MAA	Military Aviation Authority
MRI	Master Records Index
MIT	Manufacturing, Inspection and Test
MOD	Ministry of Defence
MRP	MAA Regulatory Publications
NFF	No Fault Found
OBS	Organisational Breakdown Structure
OEM	Original Equipment Manufacturer
PM	Project Manager
PDS	Post Design Services
PMP	Project Management Plan
PRM	Progress Review Meeting
PS	Project Schedule
PSC	Platform Safety Case

PSSCR	Platform System Safety Case Reports
PPQ	Primary Packaging Quantity
PSSC	Platform System Safety Case
QA	Quality Assurance
QMP	Quality Management Plan
QMS	Quality Management System
RAM	Responsibility Assignment Matrix
RTI	Routine Technical Instruction
RMADS	Risk Management and Accreditation Documentation Set
ROMP	Risk and Opportunity Management Plan
RTS	Release to Service
RTSA	Release to Service Authority
SCR	Safety Case Report
SI	Special Instruction
STI	Special Technical Instruction
SST	Strip and Survey Test
SEP	Systems Engineering Plan
SEMP	Safety and Environmental Management Plan
SOW	Statement of Work
SQEP	Suitably Qualified and Experienced Personnel
SRD	System Requirement Document
STC	Special to Type Container
SSR	Secondary Surveillance Radar
TEAP	Test Evaluation and Acceptance Plan
TAAF	Task Authorisation and Agreement Form
UTC	Universal Time, Coordinated
UTI	Urgent Technical Instruction
VVRM	Validation and Verification Requirements Matrix
WBS	Work Breakdown Structure
WIP	Work in Progress
WP	Work Packages

## ***Definition of Terms and Text Formats***

In this document, the following words and text formats have the specific meaning defined below:

**"Shall"** is used to indicate a mandatory requirement placed on the Contractor. Departure from such a requirement is not permissible without formal agreement between the Contractor and the Authority.

**"Will"** is used to indicate an intention on the part of the Authority or its agents.

**"The Contractor"** means the person who, by the Contract, undertakes to supply the Articles, or perform the Service, or both for the Authority as is provided by the Contract. Where the Contractor is an individual or a partnership, the expression shall include the personal representatives of the individual or of the partners, as the case may be, and the expression shall also include any person to whom the benefit of the Contract may be assigned by the Contractor with the consent of the Authority.

**"Authority"** is used to refer to the Ministry of Defence.

**"User"** is used to refer to the Front Line Commands, including planners, operators, maintenance personnel, etc.

**"Contractor Supplied System"** is defined as all the equipment (Approach 1 and 3) and all the platform modifications (Approach 1 only) contained within the Mode 5 System boundary that are necessary to provide a Mode 5 capability that meets the SRD. The Contractor shall be responsible for the Contractor Supplied System.

**"The Contract"** means the agreement concluded between the Authority and the Contractor, including all specifications, plans, drawings, schedules and other documentation, expressly made part of the agreement. In the event of contradiction, precedence shall be given to DEFCON 537 followed by the special conditions of contract, followed by the DEFCONs referenced in the Contract (other than DEFCON 537) and then the Schedule of Requirements.

**"Biannual"** is defined as occurring twice a year:

**"Work In Progress"** material that has entered the production process but is not yet a finished product. Work in progress (WIP) therefore refers to all materials and partly finished products that are at various stages of the production process. WIP excludes inventory of raw materials at the start of the production cycle and finished products inventory at the end of the production cycle.

**"Design Modifications"** a modification that provides a permanent change to the build standard of materiel. Changes are incorporated into technical

publications and the modification is fully supported with spares and special tools, etc.

**“Design Organisation”** the organization appointed by the Project Team to be responsible for the design or design change of a system or its associated equipment, and for certifying the design by issue of a Certificate of Design.

**“Terms and Conditions”** means General and special arrangements, provisions, requirements, rules, specifications, and standards that form an integral part of an agreement or contract.

**“Repairable Articles”** mean main assemblies as defined in the contract which the contractor can repair and restore to their intended and original configuration.

**“Articles”** means all goods (excluding Services) which the Contractor is required under the Contract to supply;

**“Deliverables”** term for the quantifiable goods or services that will be provided upon the completion of a project

**“Spares Inclusive Repairs”** means the firm price to repair an article covered in the contract will include the cost of any spares required to restore the article back to its original and intended configuration.

**“Recondition”** means work approved by the Authority, and including stripping, inspection, overhaul of parts, re-assembly in accordance with the standard of the drawing number stated in the Contract including any required modifications and testing. For articles with an authorised life reconditioning shall restore the article to the standard required for it to be released to service for a full authorised life. All reconditioning articles, both lified and un-lified shall have the same acceptance conditions as new articles in respect of performance and reliability and shall be fully interchangeable with new articles.

**“As Received Test”** means a functional test of received equipment carried out in accordance with the Component Maintenance Manual (CMM) for the equipment, to confirm any faults.

**“Beyond Economic Repair (BER)”** is defined as when the repair price exceeds 75% of the replacement cost.

**“Certificates of Conformity”** a document, signed by the Supplier, which states that the product conforms with contractual requirements

**“No Fault Found”** a term used in the field of failure analysis to describe a situation where an originally reported mode of failure can't be duplicated by the evaluating technician and therefore the potential defect can't be fixed.

**“Strip and Survey Test”** means to disassemble the main assembly to ascertain engineering defects or identify parts and price quotes (without commitment) required for rectification or restoration maintenance.

**“Special to Type Container”** means a form of packaging designed and built to house a specific item.

**“Aircraft on Ground”** is a term in aviation maintenance indicating that a problem is serious enough to prevent an aircraft from flying.

**“Authority Stores Account”** refers to the Joint Supply Chain management system used for inventory management of spares owned or purchased by the Authority.

**“Serviceable”** is defined as being able to be used for its intended purpose.

**“Disposal Services Authority”** the Disposals Services Authority ( DSA ) is a Ministry of Defence ( MOD ) organisation with the sole authority to dispose of all MOD surplus equipment in the UK

**“Authority’s Task Number”** means a unique reference number allocated to a specific task assigned to the contractor under a TAAF.

**“NSN – Nato Stock Number”** is a 13-digit numeric code, identifying all the 'standardized material items of supply' as they have been recognized by all NATO countries

**“Spares Process Map”** refers to a procedure to be followed by the contractor for the demand ordering and supply of items against the contract.

**“Non Conforming Receipt”** refers to a document raised where a product or article is found to be nonconforming to the packaging requirements upon delivery to the end user.

**“International Traffic in Arms Regulations” (ITAR)** is a set of United States government regulations that control the export and import of defense-related articles and services on the United States Munitions List (USML).

**“Denomination of Quantity”** the unit of ordering, issuing and accounting used for an item of supply. For the majority of items, accounting is by individual pieces, and the D of Q is “Each”. Where multiple accounting is desirable for certain items, a D of Q of 50, 100, Box or Bottle may be used.

**“Primary Packaging Quantity”** refers to the minimum number of multiples of the Unit of Issue by which an Item of Supply is moved within the Supply Chain.

**“Authority’s Logistic Management Data”** refers to supply chain information that is critical to your organization required for exact matching of receipts to orders.

**“Core PDS”** further services such as ongoing development and modification of equipment, subsequent to the acceptance of the equipment off-contract. Used after initial production contract in order to update the equipment law changing circumstances and requirements since the production contract was placed.

**“PDS”** adhoc tasking such as but not limited to providing technical advice when equipment trials are planned and attendance at such trials if required. Carry out modifications/repairs/re-commissioning to equipment identified by the PM. Provide technical input and advice to technical investigations when requested to do so by the authority.

**“Equipment Drawing Set”** refers to the Master Equipment design and technical production drawings.

**“Configuration Control”** the maintenance of effective control of the approved configuration of materiel.

**“Obsolescence Management Log”** refers to a register held by the contractor identifying any items with obsolescence issues and recommends a course of action to manage the solution.

**“Accredited Alternative”** refers to either a fit, form and functional item or replacement item to satisfy the future requirement and is authorised for use by the Design Organisation.

**“Life of Type Buy”** is the term used to describe the pre-ordering of sufficient quantities of equipments or components to cover any potential periods of time when, due to an impending obsolescence issue, availability of the afore mentioned equipment or component will be unaffected until an Accredited Alternative can be supplied.

**“Firm”** means a price, agreed for the Articles or Services, or both, which is not subject to variation.

**“Obsolescent/Obsolete”** refers to an article or item that is already disused, discarded or no longer available.

**“Investigative Engineering”** refers to the specific investigation of materials, products, structures or components that fail or do not operate or function as intended as instructed by the Authority’s Project Manager.

**“Engineering Support”** refers to the provision of essential maintenance information, technical advice and engineering activities outside of the Core PDS tasks.

**“Reference Material”** refers to original ‘controls’ or standards used to check the quality and traceability of the product.

**”Project Manager” and ”Equipment Support Manager”** mean the authority so designated in the Contract.

**Note: "should"** is used to indicate a desirable requirement. If the Tenderer cannot or does not wish to comply with a desirable requirement in this draft SOW, the Tenderer shall provide a justification for not meeting the requirement in his Tender response. Once the Contract has been placed, all "should"s that the Tenderer can comply with will become mandatory requirements. Any other "shoulds" will be removed following agreement by the Authority.

**"Repair"** restores serviceability for the residual overhaul life of the article, but involves less work than reconditioning and is carried out at the discretion of the Project Manager, or his nominated representative.

**"Rectification"** restores serviceability for the residual overhaul life of the articles by checks and adjustments, but involving only minor repair work, and is carried out at the discretion of the Project Manager, or his nominated representative.

**"Reconditioning"** work approved by the Authority, and including stripping, inspection, overhaul of parts, re-assembly in accordance with the standard of the drawing number stated in the Contract including any required modifications and testing. For articles with an authorised life reconditioning shall restore the article to the standard required for it to be released to service for a full authorised life. All reconditioning articles, both lified and un-lified shall have the same acceptance conditions as new articles in respect of performance and reliability and shall be fully interchangeable with new articles.

**"Fit Form and Function"** an item that provides the same fit to mating parts as the original, is the same form, ie. all critical dimensions and materials are the same as original and provides the same technical function.

## Introduction

This Statement of Work sets out the activities the Contractor is to undertake in order to deliver the requirements of Contract ACCOMM/00026. The Authority's Project Manager (PM) will be responsible for the day to day management of the Contract on behalf of the Authority. The details of the PM are detailed in Box 2 of DEFFORM 111- Addresses and Other Information.

Short introduction to equipment – The range of equipment is detailed at appendix 3, in brief a selection of Aircraft Wash Equipment (AWE) (External Surfaces/ Internal Aircraft Engines), fluid replenishment equipment, engine inhibiting equipment. The primary aim of the AWE is to remove any dirt contamination from the aircraft surface and to ensure that the aircraft engine compressor blades are kept clean. The fluid replenishment equipment is used to dispense various different fluids into aircraft engines and gearbox's. When the requirement exists engines are inhibited before a period of storage to prevent deterioration to the engine occurring

The Contractor shall be required to deliver all the requirements of ACCOMM/00026 in accordance with the following line items:

- Line Item 1 - Programme Management
- Line Item 2 - Repairs - Spares Inclusive
- Line Item 3 - Spares Provisioning
- Line Item 4- New items of equipment
- Line Item 5- Core Post Design Service (PDS) Support including Custody of drawings,  
Obsolescence Management
- Line Item 6 – PDS Ad Hoc Tasking

The requirement is split into the following:

Fixed Services. The fixed services are those activities which represent a fixed level of support to the Authority; charges for these services shall be fixed for the duration of the contract. The following are the fixed services under this Statement of Work:

- Line Item 1 - Programme Management
- Line Item 5- Core Post Design Service (PDS) Support including Custody of drawings,  
Obsolescence Management

Variable Services. The variable services are those which are varied in frequency and or value and will be tasked on a case-by-case basis in accordance with of the Terms and Conditions of Contract:

- Line Item 2 - Repairs – Spares Inclusive
- Line Item 3 - Spares Provision
- Line Item 4- New Items of equipment
- Line Item 6- PDS Ad Hoc Tasking

Access to information – Reference equipment.

The contractor shall conduct independent research to provide a bid including firm pricing against the requirement of this SOW.

The Authority is unable to provide a detailed data pack beyond what is held in the individual equipment Air Publications as detailed at Appendix 2.

An example of each equipment type and Air Publications will be made available to the bidders for a period no more than one calendar month these will be **located at RAF Wittering**, access can be gained by prior arrangement with the PM during office hours. Alternatively if the bidder prefers and at the expense of the bidder the equipment can be moved to their UK location for examination. The equipment must be stored inside and returned in same condition to **RAF Wittering before tender submission**.

The purpose of this is to allow bidders adequate time to become fully conversant with the equipment detail. Allowing for preparation of component pricing and obsolescence planning.

### 1. Line Item 1 - Programme Management

The Contractor shall provide programme management that shall include but not limited to the following:

#### 1.1 Monitoring/Reporting including Contract Performance.

- 1.1.1 When requested the Contractor shall submit a Progress Review Report to the Authority's PM, detailing the following information
- 1.1.2 Repair progress report - shall include; repair output programme, Work In Progress (WIP), contractor stock holdings and completed deliveries.
- 1.1.3 Spares progress report - shall include; orders placed and current delivery forecasts, spares delivered and outstanding requests for quotation.
- 1.1.4 Core PDS and PDS Ad Hoc progress report - shall include; current tasks in progress with forecast completion dates, tasks completed.

#### 1.2 Approvals Management

1.2.1 The Contractor shall maintain the following approvals requirements to provide assurance of competence to deliver the following Line Items:

Line Item	Approvals
2 - Repairs - Spares Inclusive	BS/EN/ISO Quality Management System (9001:2008)
3 - Spares Provisioning	BS/EN/ISO Quality Management System (9001:2008)
5 - Core Post Design Service Tasking	BS/EN/ISO Quality Management System (9001:2008)
6 - Post Design Service Ad Hoc Tasking	BS/EN/ISO Quality Management System (9001:2008) where design changes to equipment configuration are not

	authorised. Authorisation to change equipment configuration requires Ministry of Defence (MOD) Design Approved Organisation Scheme (DAOS) approval
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1.2.2 If the Contractor (the Original Equipment Manufacturer (OEM)) or the equipment Design Organisation (DO) recommends to the Authority that a Design Modification is required, the Authority shall be responsible for the acceptance or rejection of such a recommendation in accordance with the process at Appendix 1. If the Authority accepts that a Design Modification is required, the Contractor shall be responsible for coordinating and facilitating all activities between the Contractor and the Authority to achieve the Design Modification. The Authority shall be responsible for ensuring that the Design Modification is approved and authorised in accordance with MRA RA 1005 prior to the release of any Design Modification.

1.3 Attendance at Contract Meetings

1.3.1 The Contractor shall attend six monthly Progress Review Meetings (PRM) in support of the Contract. Meetings shall be held at the Contractor’s premises unless otherwise agreed by the Authority. The Contractor shall provide the agenda for PRM and the Contractor shall carry out secretarial activities including the preparation of minutes for agreement by the Authority in accordance with deliverable timescales at Para 5.5.1. The standing PRM agenda will include but is not limited to the format at Appendix 1.

1.4 Storage Facility

1.4.1 The Contractor shall store all unserviceable Repairable Articles, detailed at Appendix 3 sent for repair / investigation or reference by the Authority in a dry facility at their premises to ensure no on-site degradation.

1.5 Programme Management reporting.

1.5.1 The following table highlights information which shall be provided to the Authority, their content and the frequency to be issued:

	Comment	Frequency
Quarterly Progress Review Report	To be issued to the Authority’s PM no later than 5 working days after the last day of the reporting quarter and 10 working days before a Six monthly Progress Review Meeting. The quarterly progress report shall be accompanied by an updated obsolescence log and risk register. The quarterly progress report shall be accompanied by evidence of performance in accordance with clause K5.2 (Credits).	Quarterly Or when requested

Six monthly Progress Review Meeting	To be held six monthly at the Contractor's premises.	Six monthly
Agenda and Minutes of Six quarterly Progress Review Meetings	The Contractor shall issue to the Authority's PM an agenda at least 5 working days before each meeting and shall issue an approved set of minutes to the Authority's PM within 20 working days of each meeting.	Six monthly

The contract shall be managed and conducted in accordance with the following;

Below table to be included in Line Item 1 of the SOW.

Deliverable No.	Deliverable	Comment	Frequency
1.1	Quarterly Progress Review Report	To be issued to the Authority's PM no later than 5 working days after the last day of the reporting quarter and 10 working days before a Biannual Progress Review Meeting.	Quarterly or when requested
1.2	Six monthly Progress Review Meeting	To be held six monthly at the Contractor's premises.	six monthly
1.3	Agenda and Minutes of six monthly Progress Review	The Contractor shall issue to the Authority's PM an agenda at least 5 working days before each meeting and shall issue an approved set of minutes to the Authority's PM within 20 working days of each meeting.	six monthly
1.4	Project Management Plan	Schedule 15 - In accordance with DID 0100	See schedule 15 and on request of the Authority
1.5	Project Schedule	Schedule 15 - In accordance with DID 0101	See schedule 15 and on request of the Authority
1.6	Risk Management Plan	Schedule 15 - In accordance with DID 0108	See schedule 15 and on request of the Authority
1.7	Risk and Opportunity Register	Schedule 15 - In accordance with DID 0109	See schedule 15 and on request of the Authority
1.8	Obsolescence Management Plan	In accordance with JSP 886 Volume 7 Part 8.013 Chapter 5	See schedule 15 and on request of the Authority
1.9	Safety & Environmental Plan	Schedule 15 - In accordance with DID 0110	See schedule 15 and on request of the Authority
1.10	Packaging, Handling, Storage and Transportation Plan (PHS&T Plan)	JSP 886, Volume 7, Part 8.02	See schedule 15 and on request of the Authority
1.11	Legislation Register	Schedule 15 – In accordance with DID 0119	See schedule 15 and on request of the Authority

1.12	Quality Management Plan	Schedule 15 - In accordance with DID 0106	See schedule 15 and on request of the Authority
1.13	Core PDS/AD-HOC PDS Management Plan	Schedule 15 - In accordance with DID 0703	See schedule 15 and on request of the Authority
1.14	Sustainable Procurement Plan	Schedule 15 - In accordance with DID 0006	See schedule 15 and on request of the Authority
1.15	Supply Chain Management Plan	Schedule 15 - In accordance with DID 0137	See schedule 15 and on request of the Authority
1.16	Business Continuity Plan	Schedule 15 - In accordance with DID 0005	See schedule 15 and on request of the Authority

## 2. Line Item 2 - Repair – Spares Inclusive

- 2.1.1 The Contractor shall provide a spares inclusive Repair facility for the duration of the contract for the Articles listed at Appendix 3. All repairs under Line Item 2 shall be on a task by task basis. Upon agreement of a task, the Contractor shall be responsible for undertaking testing of Articles detailed in Appendix 3 to achieve the agreed turnaround times and the Deliverables at Appendix 4.
- 2.1.2 The contractor shall provide a fixed price and a written scheme of works, for the repair and certification of articles listed at Appendix 3. The scheme of works shall include minimum acceptable pre-recertification receipt condition, a list of all routinely replaced components, final testing / acceptance criteria and recommended article in-use and shelf life.
- 2.1.3 A Repair Process Map for managing the Spares Inclusive repairs and can be found at Appendix 4.
- 2.1.4 The Contractor shall on receipt of an Article carry out an As Received Test (ART) and provide condition statement, to confirm any faults. Articles issued for Repair shall be issued to the Contractor on contract loan terms in accordance with the Terms and Conditions of the Contract. Where a fault is found with the Article, the Contractor shall repair the Article in accordance with the specifications within this SOW or where the item is not listed, by prior agreement with the PM, within the delivery timescales agreed in accordance with Terms and Conditions of Contract, utilising serviceable or repaired parts recovered in accordance with paragraph 6.1.5 or from “Beyond Economic Repair” (BER) Articles in accordance with paragraphs 6.1.7 and 6.1.8 where possible. As part of any Repair, the Contractor is to only incorporate known MOD or OEM modifications that have been authorised with the written consent of the Authority to ensure that the equipment is kept to the latest modification standard in all respects.

- 2.1.5 The Contractor shall supply all spares and materials necessary for the Repair of Articles covered by the Contract. All spares, replacement parts etc, supplied by the Contractor shall be OEM parts or equivalent as agreed by the PM. Certificates of Conformity may be requested by the Authority's PM at any time during the Contract in accordance with DEFCON 627 (Edn 12/10).
- 2.1.6 If the ART identifies a 'No Fault Found' (NFF) Article then the Contractor shall inform the Authority's PM at Box 2 of the DEFFORM 111. The Authority's PM may either request the Contractor to undertake further investigation or process the Article in accordance with the Agreed maintenance publication and return the Article as Serviceable or undertake a Strip and Survey Test (SST) in accordance with paragraph 6.1.7 and 6.1.8. If the Authority agrees that there is a NFF Article then the Contractor shall claim payment for an ART in accordance with the Terms and Conditions of Contract. If, after further investigation, a NFF Article is subsequently deemed to have a fault, the Contractor shall repair the equipment in accordance with paragraph 6.1.4 and 6.1.5 above.
- 2.1.7 If the Article is found to have consumed 65% of its approved life or during the SST the condition of the Article requires significant levels of repair work (where the repair price is 65% to 74% of the replacement cost) the item shall be deemed repairable unless otherwise agreed by the Authority. If the SST identifies that the Article is BER, the Contractor shall inform the Authority's PM at Box 2 of the DEFFORM 111. All Articles declared BER shall be segregated by the Contractor and retained as such until further instructions are given by the Authority's PM. The Authority reserves the right to inspect/audit BER stock holdings at the Contractor's premises at any time throughout the duration of the Contract. If the Authority agrees the Article is BER, the Authority's PM shall issue instructions for disposal in accordance with paragraphs 6.3.1 to 6.3.3 below. No work shall be carried out on any Article which, after superficial examination, is considered to be BER unless authorised by the Authority's PM. The Authority PM's decision regarding BER Articles shall be final.
- 2.1.8 Where the Authority's PM agrees that an Article is BER, the Contractor may be instructed to dismantle the Article if serviceable or repairable parts can be recovered and such action is economical or prudent due to spares availability issues. Details of any parts recovered are to be notified to the Authority. Such serviceable parts are to be brought onto the Authority Stores Account in accordance with the Terms and Conditions of the Contract, where these repairable parts are to be segregated and accounted for separately. Where an Article is agreed by the Authority's PM as being BER, the Contractor shall claim for a SST in accordance with the Terms and Conditions of the Contract.
- 2.1.9 The Authority shall be responsible for all packaging of equipment for transport to the contractor's location. The Contractor shall be responsible for all packaging between their premises and distribution to the Authority's sites. All equipment listed at Appendix 4 shall be packaged in accordance with DEFCON 129 (Edn 10/13) with any Articles identified as requiring a Special to Type Container (STC) must be delivered in the STC. Any non-compliance with DEFCON 129

(Edn 10/13) or any damage resulting from incorrect packaging shall be assessed on a case-by-case basis utilising the MOD Form 760 process. The Contractor shall notify the Authority's PM of any Articles received that have a designated STC, where the Articles have been delivered to the Contractor without the STC.

2.1.10 Transportation of Articles between the Contractor and the Authority's sites shall be carried out by the MOD transport system in accordance with DEFCON 621A (Edn 06/97). The Contractor is to notify the Authority's PM and the MOD's transport agency at Box 10 of the DEFFORM 111 that the Articles are ready for collection, upon which service transport shall be arranged.

## 2.2 Urgent Requirements

2.2.1 Demands for Repair - Spares inclusive to meet Aircraft on Ground (AoG) priority or cases of special urgency will be submitted direct to the Contractor via email from the Authority's PM. The Contractor is required to deal with these orders as a matter of urgency within a timescale agreed with the Authority on a task by task basis. In such circumstances, the authority may decide on the most appropriate mode of transport to ensure timely delivery.

## 2.3 Disposal of Redundant Parts, Materials, Etc

2.3.1 All parts, materials etc arising from the Articles issued to the Contractor for repair, whether serviceable or not, shall remain the property of the Authority, and any such parts or materials not used in the repair of the Articles shall be disposed of as follows:

2.3.2 Serviceable and economically repairable parts are to be brought onto the Public Stores Account in accordance with the Terms and Conditions of the Contract, where these repairable parts are to be segregated and accounted for separately.

2.3.3 Any parts not deemed to be Serviceable or have been classed as BER in accordance with paragraph 6.1.7 to 6.1.8 are to be disposed of. The Contractor is to contact the Authority's PM for disposal instructions in accordance with the MOD policy, utilising the Disposal Services Authority (DSA). When it is deemed not to be value for money to return the scrap items back to the authority they are to be disposed of at the contractors premises using MOD Form 650A (Appendix 10).

## 2.4 Marking of Repaired / Re-certified Articles

2.4.1 Articles repaired under the Contract shall have a data label, fitted in a prominent position to the outer packaging containing the Authority's Task Number, the Article's serial number, NSN, date of repair / re-certification, and the contract number. A second label shall be included (where appropriate) within the package accompanied by relevant test documents, component log cards and Certificates of Conformity.

## 2.5 Tests

- 2.5.1 In agreement with the Authority's PM, each repaired article shall be subject to passing the tests defined by legal requirements, industry best practice and the OEM current Specification. On satisfactory completion of testing a Test Certificate is to be issued, a copy of which shall be attached to the completed Article in a weatherproof bag and a further copy to be retained and safely stored by the contractor for the test life of the component.
- 2.5.2 Any additional work required to perform additional testing as a result of unsatisfactory results, shall be carried out by the Contractor at no additional charge to the Authority.

### 3. Line Item 3 - Spares Provisioning

- 3.1.1 The contractor shall provide a firm price and delivery lead time for all spares items listed in Appendix 5 using the reference models, associated technical publications and original manufactures details to aid identification. The Contractor may, by exception and where appropriate recommend a suitable alternative spare to replace an item in Appendix 5 if the Authority's PM is satisfied with the replacement items specification and quality.
- 3.1.2 Innovation encouraged – the contractor may in addition to providing spares prices for the current configuration recommend an upgraded design, with the benefits for the change in terms of safety, functionality and cost, clearly articulated for consideration by the PM.
- 3.1.3 The Contractor shall provide a spares facility for the duration of the Contract, for provision of the items contained in Appendix 5. All spares provisioning under Line Item 3 shall be on a task by task basis and will follow the Spares Process Map at Appendix 6. Upon agreement of a task, the Contractor shall be responsible for supplying compliant, serviceable spares within the agreed Delivery Forecast (DF) lead times identified in Appendix 5 to the Contract, to locations specified in the demand by the Authority.
- 3.1.4 A Spares Process Map for managing the spares facility can be found at Appendix 6 and shall be followed by the contractor to satisfy all Demand Orders.
- 3.1.5 Transportation of Articles between the Contractor and the Authority's sites shall be carried out by the DSDA transport system in accordance with DEFCON 621A (Edn 06/97) available on-line at [www.freightcollection.com](http://www.freightcollection.com) The Contractor is to notify the Authority's PM and the MOD's transport agency at Box 10 of the DEFFORM 111 when the Articles are ready for collection, upon which service transport shall be arranged.

- 3.1.6 The Contractor shall be responsible for all packaging between their premises and distribution to the Authority's sites. All equipment listed at Appendix 5 shall be packaged in accordance with DEFCON 129 (Edn 10/13) unless otherwise stated by the Authority. Any Articles identified as requiring a Special to Type Container (STC) must be delivered in the STC. Any non compliance with DEFCON 129 (Edn 10/13) or any damage resulting from incorrect packaging shall be assessed on a case-by-case basis utilising the MOD Form 760 process in accordance with Line item 5. Should an Article be delivered without the correct labelling, a Non Conforming Receipt will be declared and the Contractor shall rectify this issue at their expense within 5 working days.
- 3.1.7 The Contractor shall insure that all items supplied comply with all EU legislative requirements.
- 3.1.8 The Contractor shall comply with all import and export legislation and regulations and shall be solely responsible for obtaining all necessary import and export licenses required to deliver spares. The Contractor shall create and maintain a list of all items that are subject to export licenses, including, but not limited to International Traffic in Arms Regulations.
- 3.1.9 The contractor shall ensure that all spares entering the military supply chain are individually NATO codified in accordance with JSP 886 – Defence Logistics Supply Chain Manual and DEFCON 117 – Supply of Documentation for NATO Codification Purposes.
- 3.1.10 If the contractor is to supply an alternative spare part to those included in Appendix 5 it shall be of the correct fit, form and function. The Contractor shall provide Technical Documentation and a data sheet in order to provide assurance to the Authority and to allow NATO codification if required in accordance with SOW 3.1.9. Please note that at any time during the contract period the contractor is able to suggest an alternative spare part for Authority review. The alternative spare part must meet (as a minimum) the same performance parameters as the previously supplied spare part. If provided at a lower cost to the Authority, this shall be subject to clause K1.14 of the Terms and Conditions (Gainshare).
- 3.1.11 The Denomination of Quantity (DofQ) and Primary Packaging Quantity (PPQ) for each Article is specified in Appendix 6. The Authority's Logistic Management Data systems require exact matching of receipts to orders therefore it is essential that the Contractor observes the specified DofQ and PPQ. Goods will be rejected by the Authority if not delivered to the specified DofQ & PPQ. Any variance in the delivery quantity must be notified to the Authority prior to despatch otherwise the items will not be accepted.

## 3.2 Urgent Requirements

- 3.2.1 Demands for Spares Provisioning to meet AoG priority or cases of special urgency will be submitted direct to the Contractor via email from the Authority. The Contractor is required to deal with these orders as a matter of urgency within a timescale agreed with the Authority on a task by task basis. In such circumstances, the authority may decide on the most appropriate mode of transport to ensure timely delivery.

- 3.2.2 For the duration of the contract the contractor shall provide a firm price for 24hr delivery to UK locations (only to be used on the instruction of the PM and in exceptional circumstances).

#### **4. Line Item 4 - Provision of new items of equipment as and when required by the Authority**

- 4.1.1 During the term of the contract the authority may request the contractor to provide new items of equipment. These items would be an initial purchase and would not be for any of the items that could be classed as the main equipment covered by the contract. The request for a new item of equipment could originate as a result of a new requirement identified by the equipment users or by the project manager. In these circumstances the contractor will be expected to provide full assurance that the item complies with any relevant applicable industry standard and that if any acceptance trials are required that these will be carried out to the full satisfaction of the authority.
- 4.1.2 Any new item that is purchased that can be classed as repairable will be provided with a spares list along with manufacturer part numbers to allow the item to be repaired at unit level. If items are ordered information will be provided that will allow the item to be subsequently codified, this information could be a drawing of the item along with technical information. If the item is non-repairable at unit level the contractor will provide an indicative price to the authority as to the cost of future repairs this information to be provided to the authority before a purchase is made.

#### **5. Line Item 5 – Core Post Design Service (PDS) Support including Obsolescence Management.**

Core PDS involves all engineering activities to preserve equipment capabilities at the expected performance levels e.g. compliance with legislative requirements and receipt of spares within anticipated lead times. Core PDS may be used to identify and authorise minor enhancements or for reducing in-service support costs. The Contractor is approved to perform changes to the configuration or design of legacy equipment in accordance with paragraph 8 and 9 of this Statement of Work.

- 5.1.1 Technical support, within core activities the contractor shall provide day to day technical support to the PM. Where lengthy investigation or a report is required this shall be chargeable and approved in advance using the TAF system.
- 5.1.2 The Contractor shall manage all Core PDS activities under Line Item 5 for the equipment detailed at Appendix 2. The Core PDS shall include the following:
- 5.1.2.1 Maintenance of Master Equipment Documentation Set and Design Custodian.
  - 5.1.2.2 Design Organisation Continuity.
  - 5.1.2.3 Obsolescence Management.
  - 5.1.2.4 Technical Support Service.
  - 5.1.2.5 Preparation and attendance at PDS meetings.

## 5.2 Maintenance of Master Equipment Documentation Set and Design Custodian

5.2.1 The Contractor shall maintain the Master Equipment Document Set for each item detailed at Appendix 2. This shall involve maintaining the Equipment Drawing Set, CMM, test specifications, equipment manuals, reference documentation and publications to the latest issue standard, and provide drawings as requested by the Authority. The Equipment Document Set shall also include:

5.2.1.1 Manufacturing Drawings or contractor produced drawings.

5.2.1.2 Drawings Lists of equivalents.

5.2.1.3 Packing Instructions Sheets and Certificates.

5.2.1.4 Responsibility Lists, Master Design Indexes and Modification Record Indexes.

5.2.1.5 Equipment Lifting Register.

5.2.1.6 Master Equipment Technical Publications Air Publications (AP'S)

5.2.2 The Contractor shall provide AP's to the military format in accordance with the Defence Technical Documentation Guidance (formally JSP(D) 543). Existing AP's may be refreshed if deemed appropriate by the contractor. When requested AP's shall be delivered to the authority within 3 months of contract let.

5.2.3 The responsibility of maintaining the AP suite, including all volumes – 1,2,3 and 5F is that of the contractor. The contractor shall ensure that the documentation is current by undertaking a full review, updating Tech Docs On-Line (TDOL) as necessary and provide the PM with a conformation statement annually.

5.2.4 Any amendments to existing documentation requested by the Authority shall be on a task by task basis under Line Item 6 in accordance with the Terms and Conditions of the Contract. The Contractor shall be responsible for amending documentation as required by the Authority in accordance with the Approvals Process at paragraphs 8 and 9 of this SOW and shall maintain a record of all changes to the Equipment Document Set.

5.2.5 The Contractor shall maintain a Master Equipment Document Set of reproducible documents for all equipment listed at Appendix 2 to the standard of design and build currently in service. The Contractor shall keep a contingency copy of the Master Equipment Document Set at a safe site removed from the Master Equipment Document Set.

### 5.2.6

Any critical drawings or documentation that is unavailable due to transfer of equipment from the OEM to a new Prime Contractor shall be obtained within 6 months of contract let. Where the OEM hold the copyright/Intellectual Property Rights they have the right to refuse to release this

information the new Prime Contractor shall utilise the Reference Model to obtain and record the data. Where test specifications are required the Prime Contractor shall utilise current UK / EU legislation to inform his recommendations.

### 5.3 Design Organisation Continuity

5.3.1 The Contractor shall ensure Configuration Control is controlled in accordance with DEF STAN 05-57 (issue No 5) Configuration Management of Defence Materiel and relevant MRA's; RA 4457 – 4462: Configuration Control.

5.3.2 The Contractor will maintain the appropriate capability and tools to facilitate on-going support and development relating to the products within the scope of equipment, including test, maintenance and calibration of equipment, for the equipment listed at Appendix 3.

### 5.4 Obsolescence Management

5.4.1 The Contractor shall be responsible for the continued and uninterrupted supply of spare parts at the agreed firm price for the life of the contract unless the item is declared obsolete and unavailable, in such cases the contractor may recommend alternative parts subject to the provision of this SOW. Where items are at risk of becoming obsolete the contractor may propose that the authority forward buy sufficient stock to cover the anticipated time required to introduce an alternative part, such a forward buy shall be by negotiation with the PM and would not normally cover a period of more than 6 months.

5.4.2 Alternative parts. In cases of obsolescence the contractor may recommend to the PM an alternative part, alternative parts shall provide the same fit and function and be of equivalent quality.

5.4.3 Costs associated with obsolescence and alternative parts –The contractor is responsible to maintain the ability to supply parts at the agreed firm price for the life of the contract. However where the OEM declares an item obsolete the contractor may have to purchase from more expensive sources or provide an alternative part (see alternative parts) in this situation the contractor may increase the price by a maximum of %, any further liability shall be borne by the contractor, other than in the case of regulatory obsolescence.

5.4.4 Regulatory obsolescence. Where a change in regulation results in obsolescence the cost of design / component change may be borne by the authority. The Contractor shall submit a six monthly Obsolescence Management Log at the six monthly PDS meetings, in accordance with agenda item 7 of Appendix 1. The Six monthly Obsolescence Management Log will identify any items at risk of obsolescence issues due to regulation change and recommend one of the following solutions:

- 5.4.4.1 A 'Life of Type' buy.
- 5.4.4.2 An Accredited Alternative.
- 5.4.4.3 Configuration Change.

5.4.5 A 'Life of Type' buy is the term used to describe the pre-ordering of sufficient quantities of equipment's or components to cover any potential periods of time when, due to an impending obsolescence issue, availability of the afore mentioned equipment or component will be unaffected until an Accredited Alternative can be supplied. Where the recommendation is a Life of Type Buy, the Contractor shall supply the items as per the contract. The Contractor will also investigate an Accredited Alternative replacement item to satisfy the future requirement.

5.4.6 Where the recommendation is an Accredited Alternative, the Contractor shall provide the Authority's PM with a FIRM price quotation for the Accredited Alternative item if it is different from the original price. The Accredited Alternative item price shall be no more than an additional % of the original item price. The contractor will seek approval from the Authority's PM prior to the purchase of the Accredited Alternative item, due to the restrictions imposed on Design Changes in accordance with paragraph 8 and 9 of this Statement of Work.

5.4.7 The Contractor shall support the management of Obsolescent/Obsolete equipment through the early identification of and informing the Authority of potential issues, but no later than at a six monthly PRM as required by Line Item 1. The Contractor shall notify the Authority of any impacts on the satisfaction of Repairs under Line Item 2 and Spares under Line Item 3 caused by any Obsolescence issue.

5.5 PDS Support including Obsolescence Management reporting.

5.5.1 The following table highlights information which shall be provided to the Authority, their content and the frequency to be issued:

Deliverable	Comment	Frequency
Obsolescence Management Log	To be submitted to the Authority's PM on a six monthly basis within 10 working days of the end of a Contract quarter.	Six monthly

5.6 Technical Support Service

5.6.1 The Contractor shall provide Technical Support service for work carried out against contract No. ACCOMM/00026

5.7 PDS Meetings

- 5.7.1 The Contractor shall host PDS meetings, providing technical expertise and secretarial services, to be held at the Contractors premises.

## **6. Line Item 6 - PDS Ad-Hoc Tasking**

- 6.1.1 The Contractor shall provide a PDS Ad-Hoc Tasking service for the duration of the Contract, to support the items contained in Appendix 2. All PDS Ad-Hoc Tasking provisioned under Line Item 6 shall be on a task by task basis. Any requests from the Authority to the Contractor for a PDS Ad-Hoc Tasking will follow the PDS Ad-Hoc Tasking Process Map at Appendix 7 using the Air Commodities Team PDS Task Authorisation and Agreement Form (TAAF) at Appendix 8.
- 6.1.2 PDS Ad-Hoc tasks raised under Line item 6 of this contract may include but are not be limited to the following activities:
- 6.1.3 During the term of the contract the authority may request the contractor to modify items of equipment. These requests can be as a result of a submission by the users of the equipment or by the Project Manager. In these circumstances the contractor will be expected to provide a full assessment on the proposed modification. This assessment will provide the necessary assurance that the modification is safe to introduce. When a modification is proposed that the contractor or considers to be unsafe, impractical or will not be VFM they are to inform the authority in writing of their opinion.
- 6.1.4 If the contractor identifies a potential issue that may result in a modification being required they are to inform the authority in writing. If the authority accepts the recommendation the contractor is to provide a fully costed proposal that will include the equipment effected, the timescale for the modification to be introduced and increase in future support costs that may arise.
- 6.1.5 Ad-Hoc Meetings to resolve specific issues to deliver the Contract as required by the Authority's PM (as identified at Box 2 of DEFFORM 111). The Contractor shall provide sufficient and appropriate representation to the meetings to enable reviews to be conducted. The Contractor shall be responsible for providing all administration and secretariat services unless otherwise stated by the Authority. If appropriate meetings may be held at MOD Abbey Wood, Bristol.
- 6.1.6 The provision of Investigative Engineering and Engineering Support against PDS tasks authorised by the Project Manager and work arising from Form 760 "Narrative Fault Report" and Form 761 "Fault Reports" including provision of ART and SST reports for equipment returned from the user for investigation within agreed timescales. The timescale set will be dependent on the complexity of the investigation required, if it relates to a safety issue the response time will set by the Project Manager
- 6.1.7 In providing a response to a Form 760 the contractor is providing assurance to the authority that the equipment in question remains safe to use and poses no risk when being used. If as the result of an investigation the contractor identifies an issue that needs to be addressed the

Project Manager is to be provided with an action plan that will resolve the issue in such a way that the equipment remains safe to use.

- 6.1.8 The provision of investigation and updating of AP's in response to Form 765 "Unsatisfactory Feature Report on Air Publication".
- 6.1.9 Special Instructions (Technical)- The contractor will be fully involved in the Special Instruction process. For any type of instruction issued they will be required as part of the approval process to provide their agreement in writing confirming that it can be issued.
- 6.1.10 Where the Project Team requires an instruction to undertake a work package to identify, repair or prevent the occurrence or re-occurrence of a potential fault, the instruction shall be one of the following.
  - 6.1.10.1.1 An STI when Design Organisation (DO) input is required and remedial action is non-recurrent.
  - 6.1.10.1.2 An SI when DO input is required and remedial action is recurrent
  - 6.1.10.1.3 An UTI when DO input is not required and remedial action is necessary within 14 days/25 flying hours.
  - 6.1.10.1.4 An RTI when DO input is not required and remedial action is not necessary within 14 days/25 flying hours.
- 6.1.11 Preparation of amendments to the Master Equipment Document Set, Repair Manuals, Operator manuals and Maintenance manuals for authorisation by the Authority PM.
- 6.1.12 The maintenance of the Master Records Index (MRI).
- 6.1.13 Supply on demand, of the Master Equipment Document Set (including Drawings, Specifications and Reference Material), Repair, Operator and Maintenance manuals for the equipment at Appendix 2.
- 6.1.14 The design and development of modifications, including trial installations, in accordance with the provisions of DEF-STAN 05-57.
- 6.1.15 Attendance at equipment trials when requested by the PM. The contractor will be expected to provide technical advice on the suitability of their equipment for the task that is to be trialled. The advice provided is to clearly highlight any risks that may be present if the equipment is connected to an aircraft. The ultimate decision to proceed with any trial will rest with the equipment Project Team.
- 6.1.16 The update of Equipment Packaging and the preparation of Prototype Packaging Specifications as required by the Project Manager.

6.1.17 Preparation and Supply of Amendments to Publications, Initial Provisioning Lists (IPL's) and Modification Spares Provisioning Lists (MSPL's) to the requirements of the Project Manager.

6.1.18 Any other associated tasks authorised by the Authority's PM.

6.1.19 Supply on demand ad hoc spares.

6.1.20 The following table highlights information which shall be provided to the Authority, their content and the frequency to be issued:

	Comment	Frequency
Supply of Technical Documentation	To be submitted on an ad-hoc basis to the Authority's PM within 20 working days of request.	Ad-hoc
List of Ad-Hoc Tasks Completed	To be completed and submitted to the Authority PM.	Quarterly

**APPENDIX 1 to Schedule 10 of CONTRACT No. ACCOMM/00026**

**PROGRESS REVIEW MEETING (PRM) AGENDA FORMAT**

Insert Contractor Header	Name Post Contractor Address Tel: GTN: Email:
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See Distribution:

Date:

**AGENDA FOR THE AIR COMMODITIES PROGRESS REVIEW MEETING TO BE HELD AT (CONTRACTOR), AT (LOCATION), ON (DATE) AT (TIME)**

**References**

- A. Air Commodities Configuration Management Plan.
- B. MAA RA 5301.
- C. ACCOMM/00026

The PRM is to be held in accordance with the guidance at Reference A and B; Chaired by the Contractors PM for the contract at Reference B. The purpose of the PRM is to provide a forum for the Authority's Engineering Authority and the Contractor to discuss the performance of the contract.

Item No	Item	Lead
1	Introductions and Apologies.	Contractor
2	Review of the Minutes from the previous PRM and actions therein.	Contractor
3	Performance Review – Review of deliverables and agreement on any alleviation.	Contractor
4	<b>Commercial Review</b>	
	- Invoicing and Payments	AC Comm
	- Contract Amendments	AC Comm
	- Commercial Issues	AC Comm
5	<b>Repair Review</b>	
	- Review of WIP	AC PM
	- Review of delivery forecasts, agree and amend where appropriate variations in the repair program	AC PM
6	<b>Spares Review</b>	
	- Review of outstanding RFQs	AC Logs
	- Review of Orders placed and current delivery forecasts	AC Logs
	- Critical item review	AC Logs
7	<b>PDS Review</b>	
	- Review of PDS tasks in progress and forecast completion dates	ACT PM

	- Review of Obsolescence issues	ACT PM
8	AOB.	Contractor
9	Date of next meeting.	Contractor

Distribution:

Defence Equipment & Support:

Info only:

AC GSE2 - Authority Programme Mgr  
AC GSE2 - PM/Engineering Authority  
AC AFDIM1 - Inventory Manager  
AC Comm1b - Commercial Officer

AC AFD - Head of Branch / Lead  
AC Safety(Air) - Head of Safety  
AC Comm1 - Commercial Officer  
AC GSE2 - PM/Eng Authority

Contractor: - Technical Manager  
- Sales and Contract Co-ordinator

<b>MAIN EQUIPMENT WITHIN CONTRACT</b>				
<b>EQUIPMENT TYPE DISCRIPTION</b>	<b>TYPE CODE</b>	<b>QTY</b>	<b>AIR PUBLICATION DETAILS</b>	<b>PREVIOUS CONTRCTOR DETAILS</b>
Rig Washing Turbine Compressor(Chinook)	BBV	75	119F-0221-123	
Compressor Wash Rig (Navy)	CMP	72	119F-0221-123	
Rig Washing Turbine Compressor(General Purpose)	BEM	6	119F-0221-123	
Rig Washing Turbine Compressor(Sentinal)	WAJ	6	119F-0221-123	
Rig Washing Turbine Compressor(RN Merlin)	KCA	27	119F-0221-123	
Compressor Wash Rig(RAF Merlin)	KBZ	20	119F-0221-123	
Compressor Wash Rig( Wildcat)	CAN	32	119F-0221-123	
Compressor Wash Rig(50 Gallon)	XHJ	2	GSE Schedule 07/01	
Rig Foamer Single Outlet	XAL	16	119F-1931-123	
Rig Foamer Double Outlet	XAU	16	119F-1931-123	
Fluid Replenishing Can MK4 (Pressurized)	CKY	46	119F-4313-1	
Fluid Replenishing Can MK3(Pressurized)	BEC	14	119F-4314-123	
Fuel System Inhibiting Rig	FJY	28	119F-02106-123	
Engine Fuel System Inhibiting Rig	XKK	39	119F-0211-13	
Hand Operated Hydraulic Purging Rig	HSZ	14	119F-4308-1	
	BBZ	222	119F-4312-13	

Fluid Replenishing Can MK2(Pressurized)				
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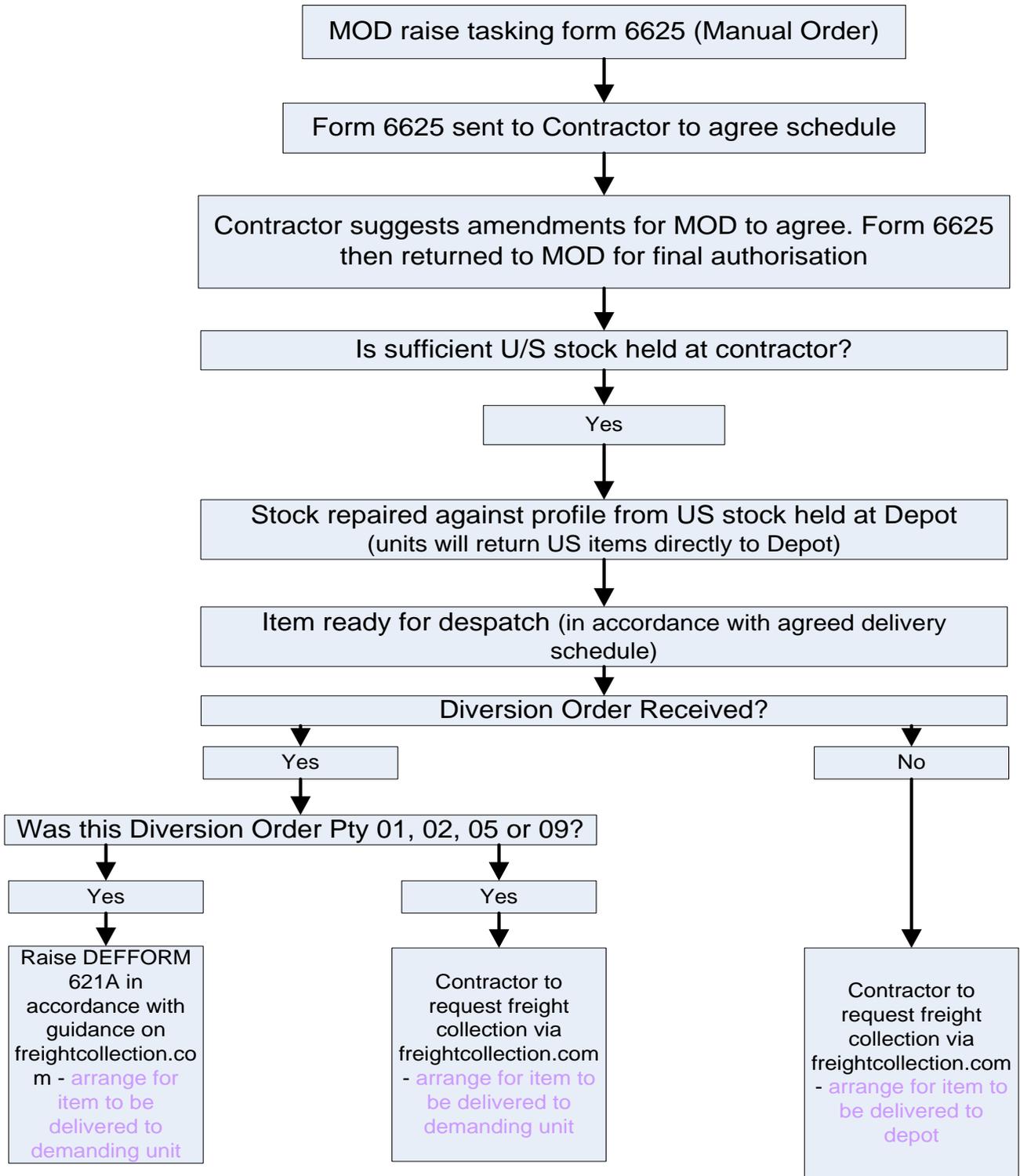
REPAIRABLE ITEMS

Item No	Man Code	NATO Stock Class	Description	Part Number	Repair Turn Around Time	Previous Contractor Info	Qty Held	ART - As Received Test/SST- Strip and Survey Test 6.1.6				
								17/18	18/19	19/20	20/21	21/22
1	173099	7954519	Rig Washing Turbine Compressor(Chinook)	JMP/JWP/D/0456			75					
2	173099	9624886	Compressor Wash Rig (Navy)	JMP/NAV/D/0909			72					
3	173099	4421115	Rig Washing Turbine Compressor(General Purpose)	JWR7014			6					
4	173099	2193761	Rig Washing Turbine Compressor(Sentinal)	JMP/EH/0706/C600			6					
5	173099	5158101	Rig Washing Turbine Compressor(RN Merlin)	JMP/EH/D/0760/C700			27					
6	173099	6952765	Compressor Wash Rig(RAF Merlin)	JMP/EH/D/0760/C600 (RAF)			20					
7	494099	2260479	Compressor Wash Rig (Wildcat)	JMP/T800/D/479			32					
8	173099	8820175	Compressor Wash Rig(50 Gallon)	JMP/CFM56/D/4698/RAF			2					
9	494099	9171459	Rig Foamer Single Outlet	JMP/FOAM/D/1618/RAF			16					
10	494099	5985989	Rig Foamer Double Outlet	JMP/FOAM/D/3049/RAF			16					
11	173099	3739162	Fluid Replenishing Can MK4 (Pressurized)	JMP/MRGB/D/0570/COM			46					
12	173099	4420466	Fluid Replenishing Can MK3(Pressurized)	DB 7013			14					
13	492099	5512189	Fuel System Inhibiting Rig	JMP/PEG/0173			28					

14	4920 99	3464442	Engine Fuel System Inhibiting Rig	JMP/GEM/D/6310			39					
15	4320 99	4424643	Hand Operated Hydraulic Purging Rig	ESP-2086			42					

16	4930 99	4254138	Fluid Replenishing Can MK2(Pressurized)	JMP/MKII/D/4751			94					
17	4930 99	1047569	Fluid Replenishing Can MK2(Pressurized)	N/K			128					

REPAIR PROCESS MAP



**ATTACH DEFFORM 621A**  
**ATTACH FORM 6625**

EQUIPMENT AND PRICE LIST - SPARES PROVISIONING 4G ITEMS

DMC	NATO Stock Number			Description	Part Number	Class Code	Spares Price (VAT ex)					D of Q	PPQ	Appx DF (Lead Time Weeks)
	NSC	NC	IIN				17/18	18/19	19/20	20/21	21/22			
4G	4820	99	7513282	LEVER BALL VALVE ½"	4021321							EA		
4G	4920	99	7632743	SEAL KIT FOR LEVER BALL VALVE ½"	4430013							EA		
4G	5340	99	7632738	CASTOR ASSEMBLY	4-44RTB							EA		
4G	5360	99	4420400	SPRINGS	740/16/BM2927							EA		
4G	5310	99	4420403	WASHERS	740/34/B							EA		
4G			NIV	WAND	AND/AAC/911							EA		
4G	1730	99	4420564	ADAPTOR ½" X ¼"	ATJ/2A							EA		
4G	4730	99	2070470	ELBOW	ATJ/3							EA		
4G	1730	99	4420563	ADAPTOR ½" X 3/8"	ATJ-1A							EA		
4G	4730	99	4420952	COUPLING	AVX2260							EA		
4G	1730	99	4420934	TUBE AND ELBOW	GM/A/4257							EA		
4G	4930	99	4420578	HOSE 15FT X ½" DIA	GM/A/5320							EA		
4G	5330	99	4420929	WASHER SEALING	GMA/A/5320 ITEM 6							EA		
4G	4930	99	4420640	HOSE OUTLET ½" DIA C/W END FITTINGS	GM/A/5321							EA		
4G	4730	99	4420952	COUPLING	AVX2260							EA		
4G	1730	99	4420934	TUBE AND ELBOW	GM/A/4257							EA		
4G	4930	99	4420578	HOSE 15FT X ½" DIA	GM/A/5320							EA		
4G	5330	99	4420929	WASHER SEALING	GMA/A/5320 ITEM 6							EA		
4G	2910	99	4420410	FILTERS WIRE GAUGE	GM/A/5324							EA		
4G	5325	99	4420942	RING LOCATING	GM/A/5335							EA		
4G	5330	99	4420944	CAP, NUT WASHER	GM/A/5343							EA		
4G	4930	99	4420977	CLAMP, SPRING	GM/A/5394&5395&5396							EA		
4G	9905	99	4421764	PLATE IDENT	GM/B/11340/0							EA		
4G	9905	99	4420523	PLATES IDENT OM 15	GM/B/11340/A							EA		

4G	9905	99	4420520	PLATES IDENT OX38	GM/B/11340/B								EA		
4G	9905	99	4420521	PLATES IDENT OM11	GM/B/11340/C								EA		
4G	9905	99	4420522	PLATES IDENT OIL LUBRICATING OEP 71	GM/B/11340/D								EA		
4G	9905	99	4420518	PLATES IDENT FLUID DEICING A.L.S.	GM/B/11340/E								EA		
4G	9905	99	4420524	PLATES IDENT FLUID HYDRAULIC OF 4	GM/B/11340/P								EA		
4G	5330	99	4420931	WASHER SEALING	GM/B/1524 ITEM 7								EA		
4G	4930	99	4420928	HOSE, TANK TO FILTER	GM/B/1529								EA		
4G	5310	99	4420932	WASHER SEALING	GM/B/1529/8								EA		
4G	4730	99	8401355	DRAIN CAP	GM/B/98138								EA		
4G	4730	99	7336500	DRAIN PLUG	GM/B/98139								EA		
4G	4710	99	9938717	BOTTOM PIPE ASSY	GM/B/98140								EA		
4G	4710	99	7972264	TOP PIPE ASSY	GM/B/98141								EA		
4G	4730	99	3709120	PLUG 1/8" BSP	GM/B/98144								EA		
4G	4730	99	5530922	TEE PIECE 1/8" BSP	GM/B/98143								EA		
4G	4920	99	7336498	GLASS SIGHT	GM/B/98146								EA		
4G	4920	99	7336516	GUARD	GM/B/98153								EA		
4G	1730	99	4420937	GUN	GM/D/5317/25								EA		
4G	4730	99	4420938	ELBOW 90 DEGREE 3/8" BSP	GM/D/5317/28								EA		
4G	5330	99	4420939	WASHER SEALING	GM/D/5317/29								EA		
4G	5310	99	4420417	NUTS CAP HEX	GM10497 ITEM 66								EA		
4G	6695	99	4420412	GAUGES PRESSURE 0-60	GM10497 ITEM 70								EA		
4G	4320	99	4420393	PUMPS HAND	GM10497 ITEM 73								EA		
4G	1730	99	4420935	ADAPTOR 3/8" BSP	GM30350/2								EA		
4G	5340	99	4420945	WASHER, FILLER	GM5999/1								EA		
4G	8110	99	4663680	CAPS FILLER	GM7183								EA		
4G	1730	99	4420465	TROLLEY	GMC3416								EA		
4G	1730	99	4420666	WHEELS 9"	J/D/B/1801								EA		
4G	1730	99	4420667	TANK, DRAIN CAP	J/D/B/1802								EA		
4G	1730	99	4420671	WASHER FILLER	J/D/B/1806								EA		
4G	1730	99	4420667	TANK, DRAIN CAP	J/D/B/1802								EA		

4G	1730	99	4420671	WASHER FILLER	J/D/B/1806							EA		
4G	1730	99	4420672	DIPSTICK	J/D/B/1807							EA		
4G	1730	99	4420673	WASHER DIPSTICK	J/D/B/1808							EA		
4G	1730	99	4420675	HOSE TANK CONNECTION	J/D/B/1810							EA		
4G	1730	99	4420676	VALVE AIR RELEASE	J/D/B/1811							EA		
4G	1730	99	4420679	AIR RELEASE VALVE BODY	J/D/B/1814							EA		
4G	1730	99	4420680	AIR VALVE SPRING	J/D/B/1815							EA		
4G	1730	99	4420681	VALVES SCHRAEDER	J/D/B/1816							EA		
4G	1730	99	4420682	TANK OUTLET VALVE	J/D/B/1817							EA		
4G	1730	99	4420689	GUN DISPENSER END MOUNTING	J/D/B/1825							EA		
4G	1730	99	4420690	HOSE ½" X 19'6"	J/D/B/1826							EA		
4G	1730	99	4420691	HOSE GUN ½" X 21" LG	J/D/B/1827							EA		
4G	1730	99	4420692	HAND PUMP	J/D/B/1828							EA		
4G	1730	99	4420695	PUMP RINGS LOCK	J/D/B/1831							EA		
4G	1730	99	4420696	PUMP SEALS	J/D/B/1832							EA		
4G	1730	99	4420697	PUMP SPRING	J/D/B/1833							EA		
4G	4720	99	4420963	HOSE, DELIVERY VALVE	J/D/B/1834 ITEM 35							EA		
4G	1730	99	4421760	NOZZLE	J/D/B/2000							EA		
4G	4330	99	2088581	FILTER ASSY	JCF 100							EA		
4G	2940	99	2088583	ELEMENT 3 MICRON	JCF/100/1/3-2							EA		
4G	2940	99	2088582	ELEMENT 5 MICRON	JCF/100/A/5-1							EA		
4G	1730	99	4421719	HOSE CONNECT	JDB/1841							EA		
4G	4720	99	4421717	HOSE TANK	JDB/1842							EA		
4G	1730	99	4421713	HOSE MAIN AIR	JDB/1844							EA		
4G	4720	99	4421714	HOSE AIR FILTER	JDB/1845							EA		
4G	4720	99	4421715	HOSE FLUID FILTER	JDB/1846							EA		
4G	1730	99	4421724	DIPSTICK	JDB/1857							EA		
4G	1730	99	4421712	RING SEALING	JDB/1859							EA		
4G	1730	99	4421720	TWIN ADAPTOR	JDB/1906/1908/1909							EA		
4G	1730	99	4421723	CLAMP, QUICK RELEASE	JDB/1910							EA		
4G	1730	99	4421729	SEAL FLUID	JDB/1911							EA		
4G	1730	99	4421725	WASHER TANK	JDB/1913							EA		

4G	1730	99	4421726	GAUGE	JDB/1914							EA		
4G	1730	99	4421721	SEAL ADAPTOR	JDB/1932							EA		
4G	1730	99	4421722	SEAL ADAPTOR	JDB/1933							EA		
4G	1730	99	4421730	VALVE AIR RELEASE	JDB/1938							EA		
4G	2940	99	7965695	ELEMENT	JDB/2007							EA		
4G	1730	99	4430154	RUBBER FEET PAD	JDB/1858							EA		
4G	4720	99	7755556	HOSE ASSY	JMP/EH/HL/1047							EA		
4G	4720	99	1273262	HOSE ASSY	JMP/EH/JHL/1048							EA		
4G	2610	99	3866629	TYRE	JMP/HER/A/1167/1							EA		
4G	4730	99	6076454	NIPPLE	JMP/HWR/A/0405/1 4							EA		
4G	4720	99	5096978	HOSE ASSY	JMP/HWR/HL/4281							EA		
4G	4720	99	9679075	HOSE ASSY	JMP/HWR/HL/4282							EA		
4G	5390	99	2158121	GASKET PUMP	JMP/HYD/A/3010							EA		
4G	4340	99	9406148	CAP, FILLER	JMP/HYD/A/3012							EA		
4G	4730	99	2158122	STRAINER, GAUZE	JMP/HYD/A/3014							EA		
4G	4730	99	7288560	ADAPTOR ½" BSP X ½" NPT	JMP/HYD/A/3020							EA		
4G	4320	99	2344639	PUMP, HYDRAULIC PRESSURE	JMP/HYD/A/3086							EA		
4G	4720	99	9875334	HOSE, ASSY, FLEXIBLE	JMP/HYD/A/4019							EA		
4G	4820	99	8325590	VALVE, DUMP	JMP/HYD/A/4020							EA		
4G	4730	99	614274	REDUCER	JMP/HYD/A/4021							EA		
4G	5340	99	9575217	HANDLE, PUMP	JMP/HYD/C/3009							EA		
4G	4720	99	8105633	SEAL & HOSE SET	JMP/HYD/C/4023							EA		
4G			NIV	FRAME	JMP/HYD/D/3005							EA		
4G	4920	99	8106701	TANK	JMP/HYD/D/3006							EA		
4G	5340	99	9306557	BRACKET	JMP/JWR/A/0459							EA		
4G	3040	99	4852909	AXLE	JMP/JWR/A/0460							EA		
4G	6685	99	2998824	PRESSURE GAUGE GUARD	JMP/JWR/A/0465							EA		
4G	4720	99	9875334	HOSE, ASSY, FLEXIBLE	JMP/HYD/A/4019							EA		
4G			NIV	ELBOW ¾" f X 1" BSP	JMP/JWR/A/0473							EA		
4G	4730	99	3009425	ELBOW ½" f x ¾m BSP	JMP/JWR/A/0474							EA		

4G	4720	99	7632752	HOSE ASSY ¼" NB X 5' ¼" LG	JMP/JWR/A/0478								EA		
4G	4720	99	7632753	HOSE ASSY ¼" NB X 12" LG	JMP/JWR//A/0479								EA		
4G	4720	99	7632748	HOSE ASSY ¼" NB x 24' 6" LG	JMP/JWR/A/0480								EA		
4G	4720	99	2579668	HOSE CONNECT	JMP/JWR/A/0623								EA		
4G	4730	99	8838603	ELBOW	JMP/JWR/B/0428								EA		
4G	1730	99	963635	PRESSURE GAUGE, DOUBLE GUARD	JMP/JWR/B/0458								EA		
4G	6680	99	7632756	SIGHT GLASS	JMP/JWR/B/0461								EA		
4G	4730	99	1729220	ADAPTOR BLOCK	JMP/JWR/B/0466								EA		
4G	4720	99	7632749	HOSE ASSY ¾" NB X 14' ¾" LG	JMP/JWR/B/0475								EA		
4G	4720	99	7632751	HOSE ASSY ¾" NB X 24' 6" LG	JMP/JWR/B/0476								EA		
4G	5430	99	7405435	STAINLESS STEEL TANK A FRONT	JMP/JWR/D/1544								EA		
4G	5430	99	4960162	STAINLESS STEEL TANK 'B'	JMP/JWR/D/1545								EA		
4G	9905	99	3654231	IDENT LABEL OX26	JMP/MK2/B/4644								EA		
4G	4720	99	7016845	HOSE ASSY	JMP/MK4/B/0675								EA		
4G	4720	99	9111175	HOSE	JMP/MK4/B/0676								EA		
4G	6680	99	6017314	SIGHT GLASS 24"	JMP/MRGB/B/0597								EA		
4G	5310	99	5001058	SPECIAL NUT	JMP/NAV/A/1360								EA		
4G	5340	99	9115607	CASTOR	JMP/NAV/B/1299								EA		
4G	1730	99	4999934	CYLINDER CLAMP	JMP/NAV/D/0910/3 7								EA		
4G	4720	99	3009424	HOSE ASSY ½" NB X ¼" LG	JMP/NAV/HL/0971								EA		
4G	2915	99	9683129	ELEMENT FILTER - 5 MICRON	JMP/PEG/0281								EA		
4G	6685	99	3191095	0-330 PSI GAUGE	JMP/PEG/B/4440								EA		
4G	4720	99	1273264	HOSE ASSY	JMP/PEG/B/4454								EA		
4G	2940	99	7632760	ELEMENT - 120 MESH ST	JMP/PP3/0023/1								EA		
4G	4820	99	1464829	VALVE SAFETY	JMP/RGT/0946								EA		

4G	9340	99	9878332	TUBING GLASS	JMP/STD/4106/8								EA		
4G	5310	99	7632761	WASHER FILTER ELEMENT	JMP/STD/5021/4								EA		
4G	4920	99	7335596	TANK A, FLUID STAINLESS STEEL, FRONT	JMP/STD/5452								EA		
4G	4920	99	7336496	TANK B, SETTLING STAINLESS STEEL	JMP/STD/5453								EA		
4G	4730	99	8419235	ADAPTOR BLOCK	JMP/STD/5463								EA		
4G	4730	99	4529175	TAIL CONNECTOR	JMP/STD/5467								EA		
4G	6685	99	3191095	0-330 PSI GAUGE	JMP/PEG/B/4440								EA		
4G	4730	99	4998163	NUT CONNECTOR	JMP/STD/5468								EA		
4G	4820	99	7625111	COLLAR RETAINING	JMP/STD/A/5627								EA		
4G	4730	99	3337738	ADAPTOR ½" X ¼" BSP	JMP/STD/A/0818								EA		
4G	4730	99	7879623	BLOCK MOUNTING REGULATOR	JMP/STD/A/5118								EA		
4G	4730	99	3045266	ADAPTOR ½" X ¼" BSP	JMP/STD/A/5289								EA		
4G	4730	99	8178675	ADAPTOR ¾" X ½" BSP	JMP/STD/A/5348								EA		
4G	4730	99	7632757	SIGHT GLASS UNION TOP	JMP/STD/A/5634/1								EA		
4G	4730	99	7632758	SIGHT GLASS UNION, BOTTOM (ATC 13)	JMP/STD/A/5364/2								EA		
4G	4730	99	207243	ADAPTOR ½" M X 1/8" f	JMP/STD/A/5377								EA		
4G	4730	99	1925130	ADAPTOR ½" M X 1/8" BSP	JMP/STD/A/5397								EA		
4G	4730	99	7879618	CONNECTION - RECHARGING	JMP/STD/A/5402								EA		
4G	4730	99	7879620	ADAPTOR REINFORCED HOSE ASSY	JMP/STD/A/5403								EA		
4G	5330	99	4379291	SEAL 3/8"	JMP/STD/A/5410/3								EA		
4G	4820	99	7632755	PRESSURE REDUCING VALVE	JMP/STD/A/5412								EA		
4G	4730	99	1471158	ADAPTOR ¼" BSP X ¼" NPT	JMP/STD/A/5427								EA		
4G	4730	99	1989086	EQUAL ELBOW ½" BSP	JMP/STD/A/5472								EA		
4G	5310	99	4534200	WING NUT 5/16	JMP/STD/A/5486								EA		

4G	4330	99	5003847	FILTER HEAD	JMP/STD/A/5489								EA		
4G	4820	99	7632762	VALVE SAFETY	JMP/STD/A/5490								EA		
4G	4720	99	2158152	HOSE ASSY HIGH PRESSURE	JMP/STD/B/3022								EA		
4G	1650	99	8646441	FILTER C/W ELEMENT	JMP/STD/B/5327								EA		
4G	4730	99	7879601	SIGHT GLASS UNION (BOTTOM)	JMP/STD/B/5364/2								EA		
4G	4730	99	832351	CHARGING BLOCK	JMP/STD/B/5411								EA		
4G	4920	99	7335593	SIGHT GLASS	JMP/STD/B/5494								EA		
4G	4930	99	6639193	DELIVERY GUN, FLUID DIRECT	JMP/STD/B/5588								EA		
4G	4730	99	8759824	ELEMENT FILTER	JMP/STD/B/5648								EA		
4G	5530	99	8069077	SEAL FILTER	JMP-STD 5031								EA		
4G	4820	99	8936308	VALVE, SAFETY RELIEF	JMP/STD/A/5786								EA		
4G	4720	99	4421716	HOSE ASSY 3/4" NB X 5" LG	JWR/7014/23								EA		
4G	1730	99	4420375	PLUNGERS	JX 1/G								EA		
4G	1650	99	8646441	FILTER C/W ELEMENT	JMP/STD/B/5327								EA		
4G	5310	99	4420392	WASHER VULCAN	JX18/G								EA		
4G	4930	99	4420363	HANDLES	JX-4-G								EA		
4G	5310	99	4420367	NUTS BACK	JX-11-G								EA		
4G	5310	99	4420368	NUTS DOME	JX/12/G								EA		
4G	5310	99	4420388	WASHER MAIN PLUNGER	JX/13/G								EA		
4G	1730	99	4420381	TOP PLATES PERSPEX JAR	JX/22/G								EA		
4G	4730	99	4420369	NUTS GLAND	JX/9/G								EA		
4G	4730	99	2094276	ADAPTOR KIT	JMP/JWR/B/3062								EA		
4G	1730	99	4421069	HOSE 2' 6"	PH/1/C								EA		
4G	4720	99	7632754	HOSE ASSY 1" NB X 11" LG	SM004								EA		
4G	6685	99	7965697	GAUGE PRESSURE	SM012								EA		
4G	4820	99	7202630	VALVE BALL 1/4" BSP	SM026								EA		
4G	4820	99	7513282	BALL VALVE	SM028								EA		
4G	4730	99	5945339	ADAPTER, STRAIGHT, PIPE TO TUBE	SM035								EA		
4G	4730	99	962458	UNION ELBOW	SM036								EA		

4G	5340	99	5999621	WHEEL	SM044								EA		
4G	4720	99	7632747	HOSE HIGH PRESSURE	SM047								EA		
4G	4820	99	1456816	VALVE	SM050								EA		
4G	4730	99	7951261	EQUAL TEE	SM053								EA		
4G	4730	99	2450830	NIPPLE 1/8" BSP	SM066								EA		
4G	5340	99	3011140	WHEELS	SM137/1								EA		
4G	6685	99	8475013	Q-4500 PSI GAUGE	SM219/1								EA		
4G	5330	99	7721468	SEAL PUMP	SM248/2								EA		
4G	4730	99	1690452	FILTER, ASSY	SM443								EA		
4G	5330	99	4049142	O RING	SM443/2								EA		
4G	4820	01	3841089	VALVE, PRESSURE RELIEF	SM444/1								EA		
4G	5360	01	2691968	SPRING BLUE	SM444/2								EA		
4G	5360	01	4074761	SPRING HELICAL COMPRESSION	SM444/3								EA		
4G	5360	99	2835596	SPRING PURPLE	SM444/4								EA		
4G	6685	99	17013	GAUGE PRESSURISING 0-2000 PSI	SM445								EA		
4G	9525	99	563841	WIRE PLASTIC COATED	SM450/1								EA		
4G	9525	99	2158123	WIRE PLASTIC COATED	SM450/2								EA		
4G	5340	99	8106707	COUPLING SCREW	SM455								EA		
4G	6685	99	3191095	0-330 PSI GAUGE	JMP/PEG/B/4440								EA		
4G	4720	99	1273264	HOSE ASSY	JMP/PEG/B/4454								EA		
4G	2940	99	7632760	ELEMENT - 120 MESH ST	JMP/PP3/0023/1								EA		
4G	4820	99	1464829	VALVE SAFETY	JMP/RGT/0946								EA		
4G	9340	99	9878332	TUBING GLASS	JMP/STD/4106/8								EA		
4G	5310	99	7632761	WASHER FILTER ELEMENT	JMP/STD/5021/4								EA		
4G	4920	99	7335596	TANK A, FLUID STAINLESS STEEL, FRONT	JMP/STD/5452								EA		
4G	4920	99	7336496	TANK B, SETTLING STAINLESS STEEL	JMP/STD/5453								EA		
4G	4730	99	8419235	ADAPTOR BLOCK	JMP/STD/5463								EA		
4G	4730	99	4529175	TAIL CONNECTOR	JMP/STD/5467								EA		
4G	4730	99	4998163	NUT CONNECTOR	JMP/STD/5468								EA		
4G	4820	99	7625111	COLLAR RETAINING	JMP/STD/A/5627								EA		

4G	4730	99	3337738	ADAPTOR ½" X ¼" BSP	JMP/STD/A/0818								EA		
4G	4730	99	7879623	BLOCK MOUNTING REGULATOR	JMP/STD/A/5118								EA		
4G	4730	99	3045266	ADAPTOR ½" X ¼" BSP	JMP/STD/A/5289								EA		
4G	4730	99	8178675	ADAPTOR ¾" X ½" BSP	JMP/STD/A/5348								EA		
4G	4730	99	7632757	SIGHT GLASS UNION TOP	JMP/STD/A/5634/1								EA		
4G	4730	99	7632758	SIGHT GLASS UNION, BOTTOM (ATC 13)	JMP/STD/A/5364/2								EA		
4G	4730	99	207243	ADAPTOR ½" M X 1/8" f	JMP/STD/A/5377								EA		
4G	4730	99	1925130	ADAPTOR ½" M X 1/8" BSP	JMP/STD/A/5397								EA		
4G	4730	99	7879618	CONNECTION - RECHARGING	JMP/STD/A/5402								EA		
4G	4730	99	7879620	ADAPTOR REINFORCED HOSE ASSY	JMP/STD/A/5403								EA		
4G	5330	99	4379291	SEAL 3/8"	JMP/STD/A/5410/3								EA		
4G	4820	99	7632755	PRESSURE REDUCING VALVE	JMP/STD/A/5412								EA		
4G	4730	99	1471158	ADAPTOR ¼" BSP X ¼" NPT	JMP/STD/A/5427								EA		
4G	4730	99	1989086	EQUAL ELBOW ½" BSP	JMP/STD/A/5472								EA		
4G	5310	99	4534200	WING NUT 5/16	JMP/STD/A/5486								EA		
4G	4330	99	5003847	FILTER HEAD	JMP/STD/A/5489								EA		
4G	4820	99	7632762	VALVE SAFETY	JMP/STD/A/5490								EA		
4G	4720	99	2158152	HOSE ASSY HIGH PRESSURE	JMP/STD/B/3022								EA		
4G	4730	99	7879618	CONNECTION - RECHARGING	JMP/STD/A/5402								EA		
4G	4730	99	7879620	ADAPTOR REINFORCED HOSE ASSY	JMP/STD/A/5403								EA		
4G	1650	99	8646441	FILTER C/W ELEMENT	JMP/STD/B/5327								EA		
4G	4730	99	7879601	SIGHT GLASS UNION (BOTTOM)	JMP/STD/B/5364/2								EA		

4G	4730	99	832351	CHARGING BLOCK	JMP/STD/B/5411								EA		
4G	4920	99	7335593	SIGHT GLASS	JMP/STD/B/5494								EA		
4G	4930	99	6639193	DELIVERY GUN, FLUID DIRECT	JMP/STD/B/5588								EA		
4G	4730	99	8759824	ELEMENT FILTER	JMP/STD/B/5648								EA		
4G	5530	99	8069077	SEAL FILTER	JMP-STD 5031								EA		
4G	4820	99	8936308	VALVE, SAFETY RELIEF	JMP/STD/A/5786								EA		
4G	4720	99	4421716	HOSE ASSY 3/4" NB X 5" LG	JWR/7014/23								EA		
4G	1730	99	4420375	PLUNGERS	JX 1/G								EA		
4G	4720	99	7632754	HOSE ASSY 1" NB X 11" LG	SM004										
4G	5310	99	4420392	WASHER VULCAN	JX18/G								EA		
4G	4930	99	4420363	HANDLES	JX-4-G								EA		
4G	5310	99	4420367	NUTS BACK	JX-11-G								EA		
4G	5310	99	4420368	NUTS DOME	JX/12/G								EA		
4G	5310	99	4420388	WASHER MAIN PLUNGER	JX/13/G								EA		
4G	1730	99	4420381	TOP PLATES PERSPEX JAR	JX/22/G								EA		
4G	4730	99	4420369	NUTS GLAND	JX/9/G								EA		
4G	4730	99	2094276	ADAPTOR KIT	JMP/JWR/B/3062								EA		
4G	1730	99	4421069	HOSE 2' 6"	PH/1/C								EA		
4G	1730	99	4420375	PLUNGERS	JX 1/G								EA		
4G	6685	99	7965697	GAUGE PRESSURE	SM012								EA		
4G	4820	99	7202630	VALVE BALL 1/4" BSP	SM026								EA		
4G	4820	99	7513282	BALL VALVE	SM028								EA		
4G	4730	99	5945339	ADAPTER, STRAIGHT, PIPE TO TUBE	SM035								EA		
4G	4730	99	962458	UNION ELBOW	SM036								EA		
4G	5340	99	5999621	WHEEL	SM044								EA		
4G	4720	99	7632747	HOSE HIGH PRESSURE	SM047								EA		
4G	4820	99	1456816	VALVE	SM050								EA		
4G	4730	99	7951261	EQUAL TEE	SM053								EA		
4G	4730	99	2450830	NIPPLE 1/8" BSP	SM066								EA		
4G	5340	99	3011140	WHEELS	SM137/1								EA		
4G	6685	99	8475013	Q-4500 PSI GAUGE	SM219/1								EA		

4G	5330	99	7721468	SEAL PUMP	SM248/2							EA		
4G	4730	99	1690452	FILTER, ASSY	SM443							EA		
4G	5330	99	4049142	O RING	SM443/2							EA		
4G	4820	01	3841089	VALVE, PRESSURE RELIEF	SM444/1							EA		
4G	5360	01	2691968	SPRING BLUE	SM444/2							EA		
4G	5360	01	4074761	SPRING HELICAL COMPRESSION	SM444/3							EA		
4G	5360	99	2835596	SPRING PURPLE	SM444/4							EA		
4G	6685	99	17013	GAUGE PRESSURISING 0- 2000 PSI	SM445							EA		
4G	9525	99	563841	WIRE PLASTIC COATED	SM450/1							EA		
4G	9525	99	2158123	WIRE PLASTIC COATED	SM450/2							EA		
4G	5340	99	8106707	COUPLING SCREW	SM455							EA		
4G	5340	99	9044351	GRIP HANDLE	SM458							EA		
4G	4030	99	7456026	FERRULE	SM460							EA		
4G	5340	99	7342420	CASTOR, SWIVEL	SM522							EA		
4G	6685	99	7579392	GAUGE, PRESSURE DIAL	SM524							EA		
4G	6685	99	4447062	GAUGE, DIFFERENTIAL DIAL INDICATING	SM580							EA		
4G	6680	99	7879599	SIGHT GLASS	JMP/HWR/0308							EA		
4G	4930	99	4420395	HOSE PUMP 18"	PH/1/B							EA		
4G	2530	99	7987780	WHEEL, LIQUID URETHANE FEED	SM553							EA		
4G	6685	99	8683530	PRESSURE GAUGE 0-8000 PSI	JMP/STD/A/4880							EA		
4G	4330	99	7584168	HEAD SEAL	JMP/STD/5021-3							EA		
4G	4730	99	9694332	DRAIN CAP 1"	JMP/WM/017							EA		
4G	4730	99	2442188	COUPLING	SM376/1							EA		
4G	6695	99	4016021	PRESSURE GAUGE 0-200 PSI	JMP/STD/A/4881							EA		
4G	4720	99	8803691	DELIVERY HOSE	JMP/PEG/A/1509							EA		
4G	6685	99	9020350	PRESSURE GAUGE	SM 198							EA		
4G	1680	99	3109189	TANK STAINLESS STEEL	JMP/MK2/D/0903							EA		
4G	4720	99	1334769	HOSE ASSEMBLY	JMP/MRGB/B/0602							EA		



**EQUIPMENT AND PRICE LIST - SPARES PROVISIONING 4K ITEMS**

DMC	NATO Stock Number			Description	Part Number	Class Code	Spares Price (VAT ex)					D of Q	PP Q	Appx DF (Lead Time Weeks)
							17/18	18/19	19/20	20/21	21/22			
4K	4720	99	3784020	HOSE ASSY ½" X 49' LG	JMP/FOAM/A/1718							EA		
4K	1730	99	309472	BRUSH LONG 90"	JMP/FOAM/A/3063							EA		
4K	9905	99	5408504	BRUSH LONG 90"	JMP/FOAM/A/4347							EA		
4K	4940	99	5408504	LANCE ASSY FOAM 10"	JMP/FOAM/B/1832/1							EA		
4K	4940	99	7580575	LANCE ASSY GEL 10"	JMP/FOAM/B/1832/2							EA		
4K	4940	99	5082315	PUMP HOUSING & CONTROL BOX	JMP/FOAM/D/1776/RAF							EA		
4K	1730	99	9878654	LANCE ASSY FOAM 82"	JMP/FOAM/D/1827/1							EA		
4K	1730	99	5913283	LANCE ASSY GEL, 82"	JMP/FOAM/D/1827/2							EA		
4K	1730	99	100763	LANCE ASSY FORM 60"	JMP/FOAM/D/1829/1							EA		
4K	1730	99	380639	LANCE ASSY FORM 60"	JMP/FOAM/D/1829/2							EA		
4K	4940	99	4988642	PUMP HOUSING & CONTROL BOX	JMP/FOAM/D/3081/RAF							EA		
4K	4720	99	4928676	HOSE ASSY ¼" X 16" LG	JMP/FOAM/HL/1689							EA		
4K	4720	99	9130232	HOSE ASSY ¼" X 9" LG	JMP/FOAM/HL/1690							EA		
4K	4720	99	66368236	HOSE ASSY ¼" X 12" LG	JMP/FOAM/HL1749							EA		
4K	4720	99	1705024	HOSE ASSY ¼" X 8" LG	JMP/FOAM/HL/1796							EA		
4K	4720	99	1190765	HOSE ASSY ¼" X 16" LG	JMP/FOAM/HL/1797							EA		
4K	4720	99	2705271	HOSE ASSY ¼" X 21" LG	JMP/FOAM/HL/1798							EA		
4K	4720	99	5776012	HOSE ASSY ¼" X 25" LG	JMP/FOAM/HL/1799							EA		
4K	4720	99	3909240	HOSE ASSY ¼" X 4" LG	JMP/FOAM/HL/1800							EA		
4K	4720	99	7530008	HOSE ASSY ½" X 18" LG	JMP/FOAM/HL/1802							EA		
4K	4720	99	8102047	HOSE ASSY ½" X 11" LG	JMP/FOAM/HL/1804							EA		
4K	4720	99	2871801	HOSE ASSY 5MM X 9" LG	JMP/FOAM/HL/1843							EA		
4K	1730	99	3018285	HOSE ASSY	JMP/FOAM/HL/3024							EA		
4K	4720	99	9808663	HOSE ASSY ½" X 96" LG	JMP/FOAM/HL/3074							EA		
4K	4720	99	9808663	HOSE ASSY ½" X 35" LG	JMP/FOAM/HL/3075							EA		
4K	4720	99	7217247	HOSE ASSY ½" X 14" LG	JMP/FOAM/HL/3089							EA		

4K	4720	99	2975531	HOSE ASSY ½" X 78" LG	JMP/MK6/HL/1290								EA		
4K	4720	99	1271787	HOSE ASSY ½" X 23" LG	JMP/RGT/HL/1322								EA		
4K	4720	99	8980094	HOSE ASSY ½" X 46" LG	JMP/RGT/HL/1323								EA		
4K	4720	99	8090002	HOSE ASSY	JMP/RGT/HL/1375								EA		
4K	4720	99	2240430	HOSE ASSY ½" X 20" LG	JMP/SKJ/HL/1280								EA		
4K	9340	99	4765137	SIGHT GLASS	JMP/STD/A/4106/11								EA		
4K	4730	99	5473381	SIGHT GLASS UNION, BOTTOM	JMP/STD/A/5364/2								EA		
4K	5330	99	1343081	DOWTY SEAL	JMP/STD/A/5410/4								EA		
4K	4820	99	2520414	BALL VALVE ¾" BSP	SM027								EA		
4K	4820	99	4819158	REGULATOR	SM280								EA		
4K	4730	99	3542727	PLUG, HANSEN	SM295								EA		
4K	4210	99	516835	FOAM GENERATOR	SM296								EA		
4K	5330	99	7708648	FOAM GENERATOR SERVICE KIT	SM296/9								EA		
4K	2530	99	5892082	WHEEL	SM304								EA		
4K	5340	99	9896126	COVER	SM304/1								EA		
4K	2610	99	8406590	INNER TUBE	SM304/2								EA		
4K	4730	00-	9839660	PLUG, HANSEN	SM306								EA		
4K	4040	15	1507416	NECK RING	SM321								EA		
4K	4940	15	1507418	AIR VENT	SM322								EA		
4K	4940	15	1507417	STRAINER	SM323								EA		
4K	25590	15	1507422	TANK LID	SM324								EA		
4K	6685	99	8325716	PRESSURE GAUGE	SM325								EA		
4K	4330	99	8466202	AIR FILTER	SM326								EA		
4K	4330	99	9324432	SEAL KIT	SM326/1								EA		
4K	4330	99	3671769	FILTER ELEMENT	SM326/2								EA		
4K	4320	99	4707994	PUMP, DIAPHRAGM	SM327								EA		
4K	4930	99	8619071	LUBRICATOR	SM330								EA		
4K	5330	99	4956764	SEAL REPAIR KIT, LUBRICATOR	SM330/1								EA		
4K	4820	99	4956764	BALL VALVE, 2 WAY PANEL MT	SM335								EA		
4K	5330	99	2889326	STEM SEAL REPAIR KIT	SM335/1								EA		

4K	4820	99	4831880	BALL VALVE, 3 WAY PANEL MT	SM336								EA		
4K	4940	99	6638234	STEM SEAL REPAIR KIT	SM336/1								EA		
4K	4930	99	4969334	FILTER REGULATOR	SM360								EA		
4K	4330	99	7567909	SERVICE KIT	SM360/2								EA		
4K	2530	99	5892082	WHEEL	SM304								EA		
4K	5340	99	9896126	COVER	SM304/1								EA		
4K	2610	99	8406590	INNER TUBE	SM304/2								EA		
4K	4730	00-	9839660	PLUG, HANSEN	SM306								EA		
4K	4040	15	1507416	NECK RING	SM321								EA		
4K	4940	15	1507418	AIR VENT	SM322								EA		
4K	4940	15	1507417	STRAINER	SM323								EA		
4K	6685	99	8325716	PRESSURE GAUGE	SM325								EA		
4K	4330	99	8466202	AIR FILTER	SM326								EA		
4K	4330	99	9324432	SEAL KIT	SM326/1								EA		
4K	4330	99	3671769	FILTER ELEMENT	SM326/2								EA		
4K	4320	99	4707994	PUMP, DIAPHRAGM	SM327								EA		
4K	4930	99	8619071	LUBRICATOR	SM330								EA		
4K	5330	99	4956764	SEAL REPAIR KIT, LUBRICATOR	SM330/1								EA		
4K	4820	99	4956764	BALL VALVE, 2 WAY PANEL MT	SM335								EA		
4K	5330	99	2889326	STEM SEAL REPAIR KIT	SM335/1								EA		
4K	4820	99	4831880	BALL VALVE, 3 WAY PANEL MT	SM336								EA		
4K	4940	99	6638234	STEM SEAL REPAIR KIT	SM336/1								EA		
4K	4930	99	4969334	FILTER REGULATOR	SM360								EA		
4K	4330	99	7567909	SERVICE KIT	SM360/2								EA		
4K	4330	99	4744803	FILTER ELEMENT, 5 MICRON	SM360/3								EA		
4K	5340	99	3552178	CASTOR SWIVEL	SM362								EA		
4K	6680	99	1271393	SIGHT GLASS	SM412/1								EA		
4K	4930	99	8478338	LUBRICATOR	SM440								EA		
4K	4730	99	6576273	STEM STEAL REPAIR KIT	SM440/1								EA		

4K	4730	99	8803552	NOZZLE, FOAM SPRAY	SM547							EA		
4K	4940	99	1623626	SPRAY GUN	SM550/1							EA		
4K	4820	99	1630356	BALL VALVE 3/8	SM551							EA		
4K	4820	99	7879605	VALVE, NON-RETURN 3/8" BSP	JMP/STD/5306							EA		
4K	4940	99	4903823	Do Not Supply	SM439/2							EA		
4K	4940	99	3787050	Do Not Supply	SM439/1							EA		
4K	4320	99	4861680	PUMP, DIAPHRAGM	SM439/1							EA		
4K	4320	99	1190769	Do Not Supply	SM327/144							EA		
4K	4320	99	2142703	Do Not Supply	SM327/145							EA		
4K	7410	99	2568033	Gel Pipe Assembly	JMP/FOAM/B/1935/B							EA		
4K	6685	99	3929558	Pressure Gauge	SM356							EA		

**EQUIPMENT AND PRICE LIST (contained within Annex B to Schedule 2) - SPARES PROVISIONING – CODIFIED SPARES CONSUMED IN LAST 2 YEARS**

\*Please note that all spares highlighted in Red are the Original Equipment Manufacturers (AT Juniper) part numbers and specifications are not available within the attached data pack (Schedule 25 to the contract)

\*Please note that all spares highlighted in Yellow ARE accessible within the attached data pack (Schedule 25 to the contract)

\*Please note that the spares highlighted in Blue are NOT Original Equipment Manufacturers (AT Juniper) part numbers and are therefore NOT included in the Data Pack at Schedule 25 to the contract.

DM C	NATO Stock Number			Description	Part Number	Supplier	Class Code	Spares Price (VAT ex)					D of Q	Averag e Annual Quantit y
	NSC	N C	IIN					17/18	18/19	19/20	20/21	21/22		
26S H	531 5	9 9	15074 17	PIN	HL64-6-5	Hi Shear Corporation, USA	C						E A	60
4G	165 0	9 9	86464 41	FILTER ASSY	JMP/STD/B/5327	Juniper	C						E A	10
4G	173 0	9 9	18852 87	MOD KIT	MOD/DCM/020/0 4	Juniper	C						E A	10
4G	173 0	9 9	44204 65	TROLLEY	GMC3146	Unknown	L						E A	10
4G	173 0	9 9	44205 63	ADAPTOR	GMA16772	Unknown	C						E A	10
4G	173 0	9 9	44206 71	WASHER F CAP	JDB1806	Juniper	C						E A	50
4G	173 0	9 9	44206 74	FILTER	JDB1809	Juniper	C						E A	10
4G	173 0	9 9	44206 81	VALVES SCHRA	JDB1816	Juniper	C						E A	15
4G	173 0	9 9	44206 90	HOSE	JDB1826	Juniper	C						E A	10
4G	173 0	9 9	44206 92	PUMP HAND	JDB1828	Juniper	C						E A	15

4G	173 0	9 9	44209 35	ADAPTOR	GM30350-2	Unknown	C							E A	10
4G	173 0	9 9	44206 71	WASHER F CAP	JDB1806	Juniper	C							E A	50
4G	173 0	9 9	44209 37	GUN	GMD5317-25	Unknown	C							E A	10
4G	173 0	9 9	44210 69	HOSE FLEXIBL	PH1C	Juniper	C							E A	20
4G	173 0	9 9	44217 13	HOSE MAINAIR	JDB1884	Juniper	C							E A	10
4G	173 0	9 9	44217 26	GAUGE	JDB1914	Juniper	C							E A	10
4G	173 0	9 9	44217 29	SEAL FLUID	JDB1911	Juniper	C							E A	10
4G	173 0	9 9	44217 30	VALVE AIR RE	JDB1938	Juniper	C							E A	10
4G	173 0	9 9	44301 54	FOOT, RUBBER	JDB1858	Juniper	C							E A	35
4G	253 0	9 9	79877 80	WHEEL	02369-027	Juniper	C							E A	15
4G	291 0	9 9	44204 10	FILTERS WIRE	GM/A/5324	Juniper	C							E A	10
4G	291 5	9 9	96831 29	FILTER ELEMT	020VB-044	Juniper	C							E A	60
4G	294 0	9 9	20885 82	FILTER ELEMT	JCF100-1-5-1	Juniper	C							E A	70
4G	294 0	9 9	20885 83	ELEMENT3M IC	JCF100-1-3-2	Juniper	C							E A	120
4G	294 0	9 9	76327 60	ELEMENT	JMP/PP3/0023/1	Juniper	C							E A	50
4G	432 0	9 9	44203 93	PUMPS HAND	GM10497ITEM73	Juniper	C							E A	20
4G	433 0	9 9	20885 81	FILTERASSY	JCF100	Juniper	C							E A	10
4G	471 0	9 9	92835 58	TUBE ASSEMBL	JMP-EH-A_6990	Juniper	C							E A	10
4G	472 0	9 9	12732 62	HOSE ASSY	JMP/EH/HL/1048	Juniper	C							E A	10
4G	472	9	12732	HOSE ASSY	JMP/PEG/B/4454	Juniper	C							E	25

	0	9	64											A	
4G	472 0	9 9	21581 52	HOSE ASSY HI	JMP/STD/B/3022	Juniper	C							E A	10
4G	472 0	9 9	25796 68	HOSE CONNECT	JMP/JWR/A/0623	Juniper	C							E A	10
4G	472 0	9 9	30094 24	HOSE ASSY	JMP/NAV/HL/097 1	Juniper	C							E A	10
4G	472 0	9 9	44217 16	HOSE CONNECT	JDB1840	Juniper	C							E A	10
4G	472 0	9 9	70168 45	HOSE ASSY	JMP/MK4/B/0675	Juniper	C							E A	10
4G	472 0	9 9	76327 47	HOSEHIGH RES	SM.047	Juniper	C							E A	75
4G	472 0	9 9	76327 48	HOSE ASSY	JMP/JWR/A/0480	Juniper	C							E A	15
4G	472 0	9 9	76327 49	HOSE ASSY	JMP/JWR/B/0475	Juniper	C							E A	10
4G	472 0	9 9	76327 51	HOSE ASSY	JMP/JWR/B/0476	Juniper	C							E A	15
4G	472 0	9 9	76327 52	HOSE ASSY	JMP/JWR/A/0478	Juniper	C							E A	15
4G	472 0	9 9	76327 53	HOSE ASSY	JMP/JWR/A/0479	Juniper	C							E A	25
4G	472 0	9 9	76327 54	HOSE ASSY	R3-12-712	Dunlop Gateshead	C							E A	10
4G	472 0	9 9	77555 56	HOSE ASSY	JMP/EH/HL/1047	Juniper	C							E A	10
4G	472 0	9 9	88036 91	DELIVERYH OSE	JMP/PEG/A/1509	Juniper	C							E A	10
4G	472 0	9 9	91111 75	HOSE	JMP/MK4/B/0676	Juniper	C							E A	10
4G	473 0	9 9	14711 58	ADAPTOR	JMP/STD/A/5427	Juniper	C							E A	15
4G	473 0	9 9	17292 20	ADAPT BLOCK	JMP/JWR/B/0466	Juniper	C							E A	10
4G	473 0	9 9	19251 30	ADAPTOR	JMP/STD/A/5397	Juniper	C							E A	25
4G	473 0	9 9	19890 86	EQUAL ELBOW	JMP/STD/A/5472	Juniper	C							E A	10

4G	473 0	9 9	21581 22	STRAINER	JMP/HYD/A/3014	Juniper	C							E A	10
4G	473 0	9 9	24508 30	NIPPLE	SM066	Juniper	C							E A	10
4G	473 0	9 9	30094 25	ELBOW	JMP/JWR/A/0474	Juniper	C							E A	10
4G	473 0	9 9	30452 66	ADAPTOR	JMP/STD/A/5289	Juniper	C							E A	10
4G	473 0	9 9	45291 75	TAIL CONNECT	JMP/STD/A/5467	Juniper	C							E A	15
4G	473 0	9 9	49981 63	NUT CONNECT	JMP/STD/A/5468	Juniper	C							E A	15
4G	473 0	9 9	50224 06	ADAPTOR	JMP/STD/A/4704	Juniper	C							E A	10
4G	473 0	9 9	76327 57	SIGHT TOP	JMP/STD/A/5364/ 1	Juniper	C							E A	10
4G	473 0	9 9	76327 58	SIGHT BOTTOM	JMP/STD/A/5364/ 2	Juniper	C							E A	10
4G	473 0	9 9	78796 18	CONNECTIO N	JMP/STD/A/5402	Juniper	C							E A	10
4G	473 0	9 9	78796 20	ADAPTOR	JMP/STD/A/5403	Juniper	C							E A	10
4G	473 0	9 9	78796 23	BMREGULA TOR	JMP/STD/A/5118	Juniper	C							E A	10
4G	473 0	9 9	81786 75	ADAPTOR	JMP/STD/A/5348	Juniper	C							E A	10
4G	473 0	9 9	84192 35	ADAPTORBL OCK	JMP/STD/A/5463	Juniper	C							E A	15
4G	473 0	9 9	87598 24	ELEMENT 120M	JMP/STD/B/5648	Juniper	C							E A	10
4G	473 0	9 9	96943 32	DRAIN CAP 1"	JMP/WM/017	Juniper	C							E A	10
4G	482 0	9 9	24167 93	REGULATO R	JMP/STD/A/6267	Juniper	C							E A	10
4G	482 0	9 9	64172 44	REGULATO R	G.A.2500	Gas ALL Group LTD DISS, Norfolk	C							E A	10
4G	482 0	9 9	72026 30	LEVERBALV AL	402.07.13	Legris LTD, Hucclecote, Gloucester	C							E A	10

4G	482 0	9 9	73101 48	REGULATOR	JMP/STD/A/266	Juniper	C							E A	10
4G	482 0	9 9	75132 82	LEVERBALV AL	JMP/STD/565	Juniper	C							E A	10
4G	482 0	9 9	75370 88	REGULATOR	JMP/STD/A/6264	Juniper	C							E A	30
4G	482 0	9 9	76251 11	COLLAR	JMP/STD/A/5627	Juniper	C							E A	10
4G	482 0	9 9	76327 55	PRESSREDV ALV	JMP/STD/A/5412	Juniper	C							E A	20
4G	482 0	9 9	76327 62	VALVESAFE TY	JMP/STD/A/5490	Juniper	C							E A	10
4G	482 0	9 9	83255 90	VALVE,DUM P	JMP/HYD/A/1329	Juniper	C							E A	10
4G	482 0	9 9	89363 08	VALVE SAFETY	JMP/STD/A/5786	Juniper	C							E A	10
4G	482 0	9 9	89729 66	REGULATOR	JMP/STD/A/6265	Juniper	C							E A	15
4G	492 0	9 9	73355 93	SIGHTGLAS S	JMP/STD/B/5494	Juniper	C							E A	15
4G	492 0	9 9	73355 96	TANK FLUID A	JMP/STD/5452	Juniper	C							E A	10
4G	492 0	9 9	73364 96	TANK SETTL B	JMP/STD/5453	Juniper	C							E A	10
4G	492 0	9 9	73364 98	GLASSSIGH T	GMB-B-98146	Juniper	C							E A	10
4G	493 0	9 9	44203 95	HOSES PUMP	AS9357	Kismet Ltd, Bedford	C							E A	10
4G	493 0	9 9	44205 78	HOSE DELIV	GMA5320	Unknown	C							E A	15
4G	493 0	9 9	44206 40	HOSE OUTLET	GMA5321	Unknown	C							E A	20
4G	493 0	9 9	44209 28	HSECWEND FITT	GMB15291	Unknown	C							E A	10
4G	493 0	9 9	66391 93	GUN,FLUID	JMP/STD/B/5588	Juniper	L							E A	10
4G	530 6	9 9	92101 08	FILTER BOLT	JMP/PP3/0027	Juniper	C							E A	10
4G	531 0	9 9	23287 45	WASHER SS	JMP/STD/5021-1	Juniper	C							E A	10

4G	531 0	9 9	44203 68	NUTS DOME	JX12G	Juniper	C							E A	10
4G	531 0	9 9	44203 92	WASHER VULCN	JX18G	Juniper	C							E A	10
4G	531 0	9 9	45342 00	WING NUT	JMP/STD/A/5486	Juniper	C							E A	10
4G	531 0	9 9	76327 61	WASHFILRE LEM	JMP/STD/5021-4	Juniper	C							E A	10
4G	532 5	9 9	44209 42	RING LOCATNG	GMA5335	Unknown	C							E A	10
4G	533 0	9 9	13430 81	DOWTY SEAL	JMP/STD/5410/4	Juniper	C							E A	10
4G	534 0	9 9	59996 21	WHEEL	VF-250-IR	Varley Ltd, WA14 5BJ	C							E A	10
4G	534 0	9 9	73424 20	CASTORSWI VEL	O115I-014	Unknown	C							E A	10
4G	534 0	9 9	76327 38	CASTOR ASSY	4-44-RTB	Flexello Ltd, B70 OTS	C							E A	10
4G	534 0	9 9	81067 07	COUPLING SCR	1609/NPT	Risbridger Ltd, RH1 2LH	C							E A	10
4G	534 0	9 9	91156 07	CASTOR	JMP/NAV/B/1299	Juniper	C							E A	25
4G	536 0	1	26919 68	SPRING, BLU E	177-R3A-K1-A	Manchester Fluid Systems Technologies Ltd – WA3 7WF	C							E A	10
4G	536 0	1	28355 96	ORANGE SPRIN	VM043	JFD Ltd, AB32 6TQ	C							E A	10
4G	536 0	9 9	44204 00	SPRINGS	740-16BM2927	Juniper	C							E A	10
4G	668 0	9 9	60173 14	SIGHT GLASS	JMP/MRGB/B/059 7	Juniper	C							E A	10
4G	668 5	9 9	29988 24	PRESS GUARD	JMP/JWR/A/0465	Juniper	C							E A	10
4G	668 5	9 9	31910 95	GAGEPRES SURE	JMP/PEG/B/4440	Juniper	C							E A	10
4G	668 5	9 9	44204 12	GAUGES PRES	GM104971	Unknown	C							E A	10

4G	668 5	9 9	44470 62	GAUGE	MMGS-10	EVO Instrumentati on	C							E A	20
4G	668 5	9 9	75793 92	GAGE	MGS 10-3A	Abbey Gauge, RM8 2VL	C							E A	10
4G	668 5	9 9	79656 97	GAUGE PRESS	SM012	Juniper	C							E A	25
4G	668 5	9 9	90203 50	GAUGE	SM680	Juniper	C							E A	15
4G	811 0	9 9	46636 80	CAPS FILLER	JMP/STD/A/5122	Juniper	C							E A	10
4G	934 0	9 9	98783 32	TUBING GLASS	JMP/STD/A/4106/ 8	Juniper	C							E A	10
4G	990 5	9 9	44205 23	PLATES IDENT	GMB1134A	Juniper	C							E A	10
4K	173 0	9 9	30182 85	DEL HOSE 10M	JMP/FOAM/A/302 4	Juniper	C							E A	10
4K	173 0	9 9	59132 83	GEL LANCE 82	JMP/FOAM/D/182 7/2	Juniper	C							E A	10
4K	173 0	9 9	98786 54	FOAM LANCE82	JMP/FOAM/D/182 7/1	Juniper	C							E A	10
4K	253 0	9 9	58920 82	CASTER SWIVE	FLRW16.5 5BJ25FT	P&L Industrial Equipment Manchester, M40 7ES	C							E A	10
4K	432 0	1	48616 80	PUMP,DIAP RGM	SM439	Juniper	C							E A	10
4K	433 0	9 9	84662 02	AIR FILTER	SM 326	Juniper	C							E A	10
4K	472 0	9 9	12717 87	HOSE ASSY	JMP/RGT/HL/132 2	Juniper	C							E A	10
4K	472 0	9 9	37840 20	HOSE ASSY	JMP/FOAM/A/171 8	Juniper	C							E A	10
4K	472 0	9 9	91302 32	HOSE ASSY	JMP/FOAM/A/169 0	Juniper	C							E A	20
4K	472 0	9 9	98086 63	HOSE ASSY	JMP/FOAM/A/307 4	Juniper	C							E A	10

4K	482 0	9 9	25204 14	VALVE	JMP/STD/A/5124	Juniper	C							E A	10
4K	482 0	9 9	48191 58	REGULATOR	P3A-RA12BNP	Parker Hannifin	C							E A	10
4K	493 0	9 9	84783 38	LUBRICATOR	SM440	Parker Hannifin	C							E A	10
4K	668 0	9 9	12713 93	SIGHT GLASS	SM412/1	Juniper	C							E A	10
4K	668 5	9 9	83257 16	PRESSURE GAUG	63MMMGB	Juniper	C							E A	10

4G	482 0	9 9	33213 96	VALVE,REGULA	SM591	Juniper	C							E A	10
4G	812 0	9 9	59320 10	CYLINDER,GAS	JMP/STD/A/5300	Juniper	C							E A	10
4G	472 0	9 9	51212 1	HOSE ASSY	JMP/HER/HL/1092	Juniper	C							E A	10
4G	472 0	9 9	84049 57	HOSE ASSEMBL	JMP/HER/HL/1819	Juniper	C							E A	10
4G	482 0	9 9	21258 70	CONNECT	SM297	Juniper	C							E A	10
4G	143 0	9 9	99035 25	COUPLING	SM337	Juniper	C							E A	10
4G	143 0	9 9	16046 08	COUPLING	SM338	Juniper	C							E A	10
4G	534 0	9 9	45462 89	PRESS GUAGE	JMP/GN/A/1000	Juniper	C							E A	10
4G	668 5	9 9	15379 95	GAGE,PRESUR	336 W21C	Juniper	C							E A	10
4G	173 0	9 9	15375 97	CLAMP,CYLIND	JMP/JWR/B/0485	Juniper	C							E A	10
4G	173 0	9 9	44203 53	PAD FOOT	GM5987/2	Juniper	C							E A	35
4G	472 0	9 9	86316 11	HOSE ASSY	JMP/STD/B/4478	Juniper	C							E A	10
4G	668 0	9 9	66899 48	GUARD,SIGHT	JMP/STD/B/5504/2	Juniper	C							E A	10
4G	311 0	9 9	92514 33	BEARING,ROLL	SM343	Juniper	C							E A	10

4G	482 0	9 9	90294 07	VALVE	SM196	Juniper	C							E A	10
4G	311 0	9 9	84049 67	BEARING,R OLL	SM344	Juniper	C							E A	10
4G	531 0	9 9	15379 91	WASHER,FL AT	JDB/1895	Juniper	C							E A	20
4G	531 0	9 9	36883 49	WASHER,FL AT	JDB1890	Juniper	C							E A	20
4G	533 0	9 9	15375 91	GASKET	JDB/1896	Juniper	C							E A	20
4G	533 0	9 9	36813 40	GASKET	JDB/1894	Juniper	C							E A	20
4G	533 0	9 9	51396 45	GASKET	JDB/1889	Juniper	C							E A	20
4G	533 0	9 9	57747 97	GASKET	JDB/1891	Juniper	C							E A	20
4G	533 0	9 9	61389 34	GASKET	JDB/1897	Juniper	C							E A	20
4G	533 0	9 9	84049 71	GASKET	JDB/1892	Juniper	C							E A	10
4G	533 0	9 9	88005 77	GASKET	JDB/1893	Juniper	C							E A	20
4G	473 0	9 9	79677 18	EQUAL ELBOW	JMP/STD/A/5471	Juniper	C							E A	20
4G	534 0	9 9	97692 08	STRAP	JMP/HER/B/1191	Juniper	C							E A	20
4G	482 0	9 9	70094 06	VALVE	JMP/STD/5066	Juniper	C							E A	10
4G	473 0	9 9	33028 55	ADAPTER,S TRA	JMP/HER/1090/2	Juniper	C							E A	10
4G	473 0	9 9	15379 89	NIPPLE,PIPE	GM/5992/1	Juniper	C							E A	10
4G	173 0	9 9	44206 82	VALVE TK OUT	JDB/1817	Juniper	C							E A	10
4G	533 0	9 9	44203 97	LEATHERS CUP	740/31/M2175	Juniper. Kismet Ltd	C							E A	10
4G	173 0	9 9	44206 93	WASHER PUMP	JDB1829	Juniper	C							E A	10

**CODIFIED SPARES NO CONSUMPTION IN LAST 2 YEARS**

26ME	5965	01	3909240	HEADSET	5830-CA	C							EA		
4G	1730	99	4420564	ADAPTOR	GMA16768	C							EA		
4G	1730	99	4420667	DRAIN CAP TK	JDB1802	C							EA		
4G	1730	99	4420675	CONNECT TANK	JDB1810	C							EA		
4G	1730	99	4420676	VALVE AIR RE	JDB1811	C							EA		
4G	1730	99	4420682	VALVE TK OUT	JDB1817	C							EA		
4G	1730	99	4420691	HOSE GUN	JDB1827	C							EA		
4G	1730	99	4420946	VALVE AIR	GMD5319-27	C							EA		
4G	1730	99	4999934	CYL CLAMP	JMP/NAV/D/0910/37	C							EA		
4G	4320	99	2344639	PUMP,HYDR PR	JMP/HYD/A/3806	C							EA		
4G	4710	99	7972264	TOP PIPE ASS	GM-B-98141	C							EA		
4G	4720	99	1334769	HOSE ASSY	JMP/MRGB/B/0602	C							EA		
4G	4720	99	4420963	HOSE VALVE	JDB/18341Item35	C							EA		
4G	4720	99	4421717	HOSE TANK	JDB1842	C							EA		
4G	4720	99	4421718	HOSE TANK	JDB1843	C							EA		
4G	4720	99	9875334	HOSE,ASSY,FL	JMP/HYD/A/4019	C							EA		

4G	4730	99	2070470	ELBOW	ATJ3	C							EA		
4G	4730	99	2094276	ADAPTER KIT	AAC844	C							EA		
4G	4730	99	4420938	ELBOW 90	GMD5317-28	C							EA		
4G	4730	99	4420952	COUPLING	AVX2260	C							EA		
4G	4730	99	5473381	UNION SIGHT	JMP/STD/A/5364/2	C							EA		
4G	4730	99	5530922	TEE PIECE	GM-B-98143	C							EA		
4G	4730	99	5945339	ADAPTIPI-TUB	SM.035	C							EA		
4G	4730	99	6076454	COUPLING	HTE712-52B	C							EA		
4G	4730	99	7288560	ADAPTOR	JMP/HYD/A/3020	C							EA		
4G	4730	99	7336500	DRAINPLUG	GM-B-98139	C							EA		
4G	4730	99	7879601	ADAPTOR	JMP/STD/B/5364	C							EA		
4G	4730	99	8838603	ELBOW	JMP/JWR/B/0428	C							EA		
4G	4820	01	3841089	VALVE,PRESSU	SS-4R3A5	C							EA		
4G	4820	99	1456816	VALVE	BAR 5 ½ BSP	C							EA		
4G	4820	99	4746422	REGULATOR	JMP/STD/A/6270	C							EA		
4G	4820	99	4819764	REGULATOR	JMP/STD/A/6268	C							EA		
4G	4920	99	7336516	GUARD	GM-B-98153	C							EA		
4G	4930	99	4420977	CLAMP SPRING	GMA5394	C							EA		
4G	5310	99	4420367	NUTS BACK	JX11G	C							EA		
4G	5310	99	5001058	SPECIAL NUT	JMP/NAV/A/1360	C							EA		
4G	5330	99	4420929	WASHER SEALG	GMA5320-6	C							EA		
4G	5330	99	4420930	WASHER SEALG	GMA5321	C							EA		
4G	5330	99	4420944	DISK	GMA5343	C							EA		
4G	5331	99	7584168	O-RING	JMP/STD/5021.3	C							EA		
4G	5340	99	4065978	BLOCK REG	JMP/STD/B/0995	C							EA		
4G	5340	99	9306557	BRACKET	JMP/JWR/A/0459	C							EA		
4G	5340	99	9575217	HANDLE,PUMP	JMP/HYD/C/3009	C							EA		
4G	5360	01	4074761	SPRING,YELLO	177-R3A-K-1-B	C							EA		
4G	5360	99	2416301	SPRING SS	JMP/STD/5029	C							EA		
4G	9905	99	4420520	PLATES IDENT	GMB11340B	C							EA		
4K	2590	15	1507422	CAP FILLER	0100A725	C							EA		
4K	4320	01	4707994	PUMP	XP990BG0089	C							EA		
4K	4720	99	1705024	HOSE ASSY	XP990BG0108	C							EA		
4K	4720	99	2975531	HOSE ASSY	XP990BG0061	C							EA		

4K	4720	99	3909240	HOSE ASSY	XP990BG0112	C							EA		
4K	4720	99	8980094	HOSE ASSY	JMP/RGT/HL/1323	C							EA		
4K	4820	99	7879605	VALVE,CHECK	JMP/STD/5306	C							EA		
4K	4940	15	1507417	STRAINER BSK	HL64-6-5	C							EA		
4K	4940	99	7580575	LANCE ASSY	JMP/FOAM/B/1832/2	C							EA		
4K	5330	99	2889326	STEMSEAL KIT	XP990BG0095	C							EA		
4K	5330	99	4956764	SEAL RPR KIT	SM330/1	C							EA		
4K	5340	12	3552178	CASTORSWIVEL	L-P 263R	C							EA		
4K	9340	99	4765137	SIGHT GLASS	JMP/STD/A/4106/11	C							EA		
506A	5355	14	3011140	KNOB ASSY	85-800-1174	C							EA		
5310	5310	12	3009425	NUT ASSY	01TC34613	C							EA		
5340	5340	12	3009424	PLATE	01TC34432	C							EA		

\* OEM original Part No conflict with Nato Stock No.

**EQUIPMENT AND PRICE LIST - SPARES PROVISIONING – NON CODIFIED SPARES**

**THE LIST BELOW REPRESENTS THE EXISTING CONTRACT SPARES PROVISIONING LISTS AND SHOULD ONLY BE USED FOR GUIDANCE AND NOT AS A BASIS FOR TENDER SUBMISSION.**

Description	Part Number	Class Code	Spares Price (VAT ex)					D of Q	PPQ	Appx DF (Lead Time Weeks)
			17/18	18/19	19/20	20/21	21/22			
WAND	AND/AAC/911							EA		
FRAME	JMP/HYD/D/3005							EA		
ELBOW ¾" f X 1" BSP	JMP/JWR/A/0473							EA		
SIGHT GLASS	JMP/STD/A/4106/4							EA		
STRAP	JMP/HER/B/1191							EA		
SIGHT GLASS	JMP/STD/A/4106/1							EA		
ADAPTOR	JMP/STD/A/5658							EA		
ADAPTOR	JMP/STD/A/5573							EA		
ADAPTOR BLOCK	JMP/JWR/B/0466							EA		

RUBBER PAD SET	JMP/NAV/A/0992								EA		
VALVE STOP COCK	JWR/7014/44								EA		
Q/R SOCKET	SM281								EA		
PRESSURE GAUGE GUARD	JMP/GN/A/1000								EA		
HAND PUMP SEAL KIT	JMP/STD/5184								EA		
EQUAL ELBOW	JMP/STD/A/5471								EA		
PLUG BLANK	JMP/STD/5051/3								EA		
SIGHT GLASS	GM/B/98165								EA		
ADAPTOR	JMP/STD/A/5365								EA		
CUP LEATHER	740/31/M2175								EA		
WASH LEATHER	740/30/M6480								EA		
WASHER BUMPER FIBRE	740/18/M4924								EA		
WASHER FIBRE	740/27/M2179								EA		
CUP LEATHER	740/26/M2174								EA		
SEAL RUBBER	740/25/M2176								EA		
WASHER SEALING	740/21/M2177								EA		
NON-RETURN VALVE	JMP/STD/A/5066								EA		
NIPPLE	JMP/STD/A/5517								EA		
LOCK NUT	JMP/STD/A/4022								EA		
ORANGE SPRING	SM444-5								EA		
SUMP BOWL	JMP/PP3/0025 (JBD/1915)								EA		
GAUGE 0-60 PSI	SM600								EA		
SIGHT GLASS GUARD	JMP/STD/A/5504/2								EA		
HOSE	JWR/7014/22								EA		
TANK A	JMP/JWR/D/0983								EA		
STACKPIPE	JWR/7014/20								EA		
WASHER FIBRE	JDB/1819								EA		
ELBOW 90 DEGREES	JDB/1847								EA		

ELBOW 90 DEGREES	JDB/1905								EA		
Elbow 90 Degrees	JDB/1848								EA		
BOLT HEX HEAD	JDB/1804								EA		
LANCE ASSEMBLY	JMP/HWR/C/4220								EA		
SIGHT GLASS 16MM X 21 1/4"	JMP/PEG/0275								EA		
BRAKE	JMP/EH/C/4476								EA		
TUBE (RIGID EXTENSION)	JMP/HAR/B/4586								EA		
HOLSTER	JMP/EH/A/4591								EA		
INDICATOR (FLUID LEVEL)	JMP/EH/A/4601								EA		
MANIFOLD OUTLET	JMP/HYD/B/3011								EA		
PUMA LANCE	JMP/UMA/D/4470								EA		
QUICK DISCONNECT COUPLING	SM314/2								EA		
ADAPTOR 1/2" BSP X 3/8" BSP	JMP/STD/A/5353								EA		
	(ATC5)										
TEE PIECE	JEP1-77								EA		
SCHRADER VALVE	JWR/7014/53								EA		
NIPPLE	GM/5992/1								EA		
FILTER ASSEMBLY	JMP/STD/C/1793								EA		
WHEEL	SM555								EA		
PRESSURE GAUGE GUARD	JMP/STD/A/5498								EA		
FRAME	JMP/JWR/D/0481								EA		
ADAPTOR	JWR/7014/65								EA		
FIBRE WASHER	JDB/1896								EA		
SEAL AND HOSE KIT	JMP/MK3/A/4395								EA		
BOLT HEX	JMP/MK3/A/4395								EA		
TANK B	JWP/JWR/D/0984								EA		
CYLINDER CLAMP	JMP/146/B/1018								EA		
FEED PIPE	JMP/RGT/B/0120								EA		

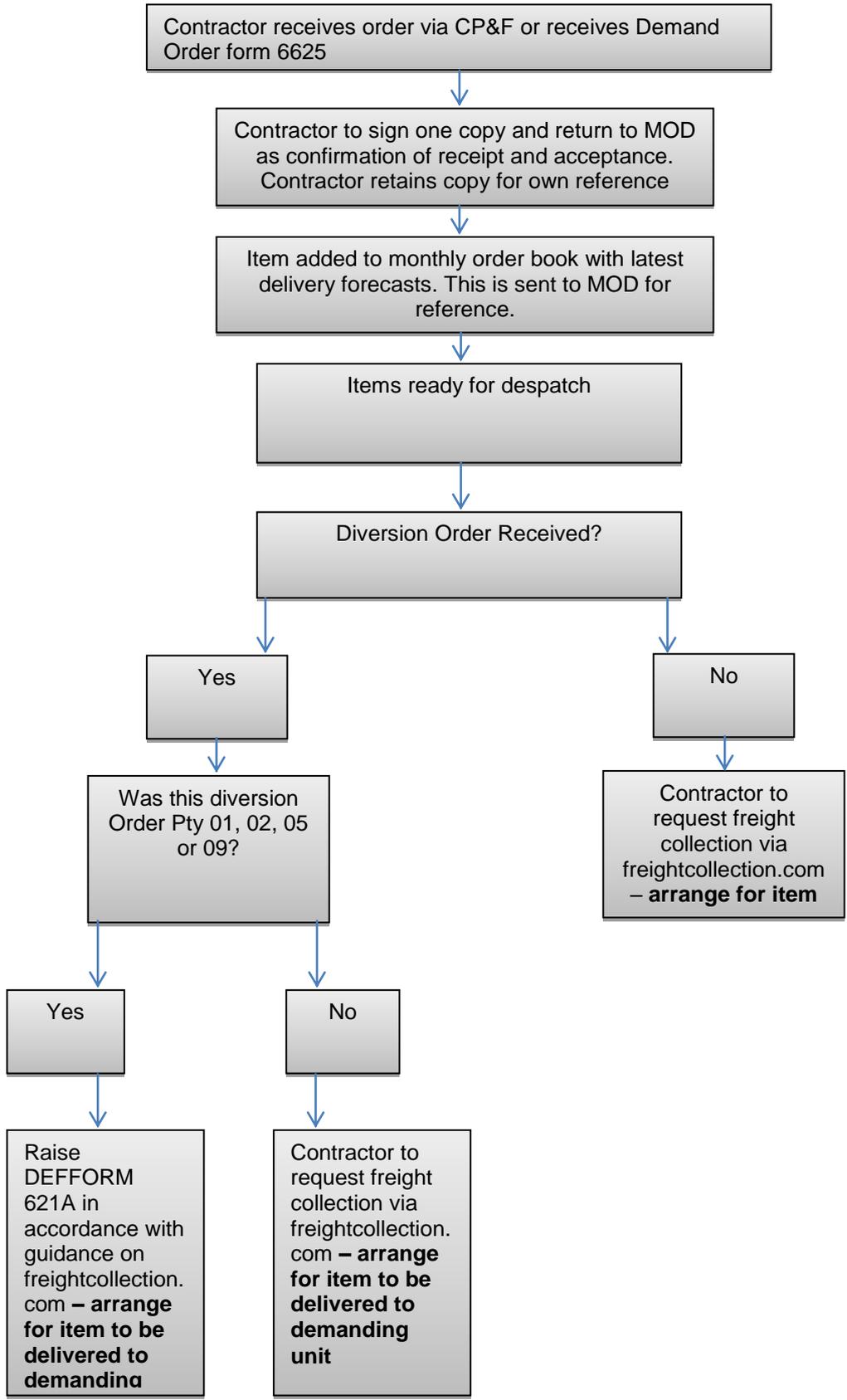
PRESSURE REDUCING VALVE	SM212								EA		
SEAL DOWTY 1/4"	JMP/STD/A/5410/5								EA		
SEAL DOWTY 3/4"	JMP/STD/A/5410/2								EA		
SEAL DOWTY 9/16"	JMP/STD/A/5410/6								EA		
HP HOSE ASSEMBLY	JMP/STD/B/4453								EA		
COLLAR PROTECTION	SM206								EA		
HOSE ASSEMBLY	JMP/HER/HL/1819								EA		
ADAPTOR	JMP/STD/A/0112/2								EA		
SIGHT GLASS GUARD	JMP/MRGB/A/0595								EA		
HOSE ASSEMBLY	JMP/HER/HL/2024								EA		
SPRING GREY	SM583/2								EA		
TOOL SPRING	SM583/11								EA		
SEAL DOWTY 1/2"	JMP/STD/A/5410/4								EA		
1" TAPER ROLLS BEARING	SM344								EA		
1" TAPER ROLLER BEARING	SM343								EA		
WASHER, FIBRE	JDB1890								EA		
CHARGING VALVE	JMP/HWR/A/0406/2								EA		
ADAPTOR DRAIN VALVE	JMP/STD/A/1199								EA		
CYLINDER CLAMP	JMP/JWR/B/0485								EA		
END SEAL	JCF/100/14								EA		
WASHER PLATE	JCF/100/16								EA		
CHARGING VALVE	JMP/HWR/0406/03								EA		
ADAPTOR KIT	JMP/HYD/A/6599								EA		
FIBRE WASHER	JDB/1895								EA		
FIBRE WASHER	JDB/1897								EA		
FIBRE WASHER	JDB/1889								EA		
FIBRE WASHER	JDB/1891								EA		
FIBRE WASHER	JDB/1892								EA		

FIBRE WASHER	JDB/1893								EA		
FIBRE WASHER	JDB/1894								EA		
FILLER CAP	JDB/1803								EA		
SPRING COMPRESSION	JMP/STD/A/1151								EA		
FILTER PRESSURE PLATE	JMP/HER/1171								EA		
DOWTY SEAL	JMP/HSW/A/0405/12								EA		
COUPLING QUICK RELEASE	JMP/HWR/A/0405/10								EA		
HOSE ASSY 1/4 IN N/B X 19IN	JMP/CFM56/HL/4731								EA		
ADAPTOR 1.875 X 12 ANS X 3/4 IN	JMP/CFM56/A/4569								EA		
CAP, BLANKING	JMP/CFM56/A/4568								EA		
FILTER C/W ELEMENT	JWR/7014-90								EA		
HANSON SOCKET	SM194								EA		
ADAPTOR	JMP/HER/1090/2								EA		
SIGHT GLASS	JMP/STD/A/1100								EA		
PORT KIT SET	SM369								EA		
BRASS PLATE	JMP/NAV/A/0996								EA		
PRESSURE GAUGE	SM764								EA		
HOSE & E.P. SEAL PLACEMENT KIT	JMP/MK2/A/4397								EA		
FILTER ELEMENT	SM443/4								EA		
FRAME	JMP/HWR/D/4233								EA		
WASHER COPPER	JMP/STD/A/5021/2								EA		
WASHER STEEL	JMP/STD/B/5489/4								EA		
ELBOW	SM054								EA		
ADAPTOR 3/8" X 1/4" BSP	JMP/STD/5352								EA		
HOSE ASSY 1/4 IN N/B X 24 IN LONG	JMP/RGT/HL/0670								EA		
PRESSURE GAUGE	SM757								EA		
HOSE ASSY	JMP/125/HL/6837								EA		

FILLER CAP ASSY	JMP/PEG/0260								EA		
LOCKNUT	JMP/STD/A/5304								EA		
PLUG BANK	JMP/STD/5051/7								EA		
FRAME	JDB/7013/1								EA		
SPRING	JCF100-9								EA		
COLLAR	JCF100-10								EA		
Locating Plate	JCF100-11								EA		
Tyre 4.80/4.00-8	SM346/1								EA		
Distance Piece	JMP/JWR/A/04/62								EA		
Hose Band	SM207								EA		
Bolt Hex Head	JDB/1879								EA		
Distance Piece	JMP/STD/A/0462								EA		
Dowty Seal	JMP/STD/5410/4								EA		
Warning Plate	JMP/NAV/A/0972								EA		
Hose	JMP/GEM/HL/6411								EA		
Hose	JMP/APCHE/HL/6021								EA		
Manifold	JMP/APACHE/C/4991								EA		
Hose	JMP/APACHE/HL/6025								EA		
Hose	JMP/APACHE/HL/6026								EA		
Hose	SM451								EA		
Filer Cap Seal Viton	JMP/STD/B/1863/2								EA		
Oil Control Gun for 3 Coupling	JMP/EH/A/6919								EA		
Oil Control Gun for 3A (Filler Cap)	JMP/EH/A/6918								EA		
Filler Cap Assembly	JMP/RGT/B/0685								EA		
Valve Pressure Relief	JMP/PR/A/4933/8								EA		
Pressure Relief Adaptor	JMP/HYD/A/3017								EA		
Delivery Hose Assembly	JMP/HYD/A/6430								EA		
Regulator	JMP/PEG/A/4467								EA		

Coupling	SM338								EA	
Nylon Tube	SM464								EA	
Coupling	SM337								EA	
Plate Pressure	JMP/STD/B/5603/6								EA	
Lance	JMP/GEM/C/6319								EA	
Hose	JMP/GEM/HL/6317								EA	
Safety Valve	SM583								EA	
Adaptor	JMP/STD/A/0812								EA	
Adaptor	JMP/STD/5290/1								EA	
Handle Release	JMP/HYD/A/3059								EA	
Blanking Plug	JMP/HYD/A/1949								EA	
Tee Piece	SM446								EA	
None Return Valve	JMP/STD/A/5181								EA	
Adaptor Socket	JMP/128/A/0190								EA	
Hose Pump	JMP/125/0177								EA	
Engine Wash Lance	JMP/GAZ/A/6956								EA	
Adaptor	JMP/PUMA/A/7009								EA	
Filter c/w Element	JMP/7014/103								EA	

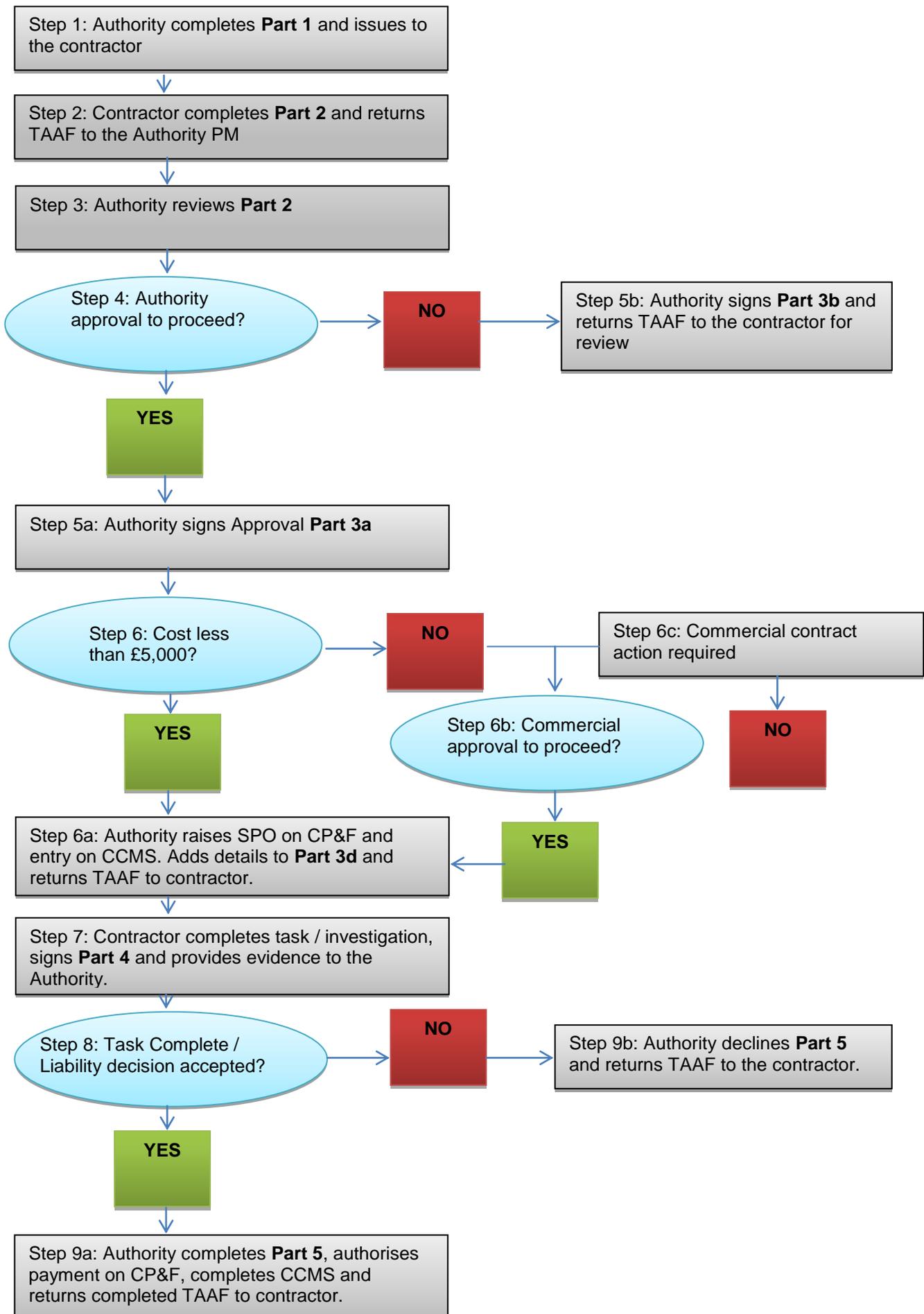
SPARES PROCESS MAP



**ATTACH DEMAND ORDER FORM 6625**

**DEFFORM 621A WILL ALREADY BE ATTACHED FOR REPAIRS PROCESS MAP**

**PDS Ad-Hoc Tasking Process Map**



**PDS TASK AUTHORISATION AND AGREEMENT FORM**  
**(TAAF)**



The contractor is required to submit a Firm Price quotation, exclusive of VAT, at Part 2 for the work specified at Part 1 of the TAAF. Work shall **NOT** commence until authorised by the Project Manager/Equipment Support Manager at Part 3a. If the Firm Price exceeds the financial levels detailed in the contract, a counter signature by the Branch Commercial Manager is required at Part 3c. Commencement of the task shall be subject to the pricing arrangements as detailed in the Contract. Where appropriate, the price shall include the update of all drawings, documents or publications that are affected by changes in design.

**PART 1 – AUTHORISATION REQUEST**  
**(To be completed by MoD staff)**

<b>Contractor:</b>	<b>Project/Equipment Support Manager:</b>
	Ground Support Equipment 2 (ACGSE2)

<b>Contract Title:</b>		<b>Contract N°:</b>	
<b>Contract Schedule Item N°</b>		<b>TAAF No</b>	
<b>DESCRIPTION OF TASK REQUIRED</b>			
<b>PEC N°:</b>		<b>SAC N°:</b>	
<b>Completion Date Required:</b>			
<b>Post:</b>		<b>Name:</b>	
		<b>Signature:</b>	
		<b>Date:</b>	

**PART 2 – CONTRACTORS FIRM PRICE QUOTATION FOR TASK**  
**(To be completed by the Contractor)**

		<b>TAAF No.</b>					
The Cost breakdown detailed below is a <b>FIRM</b> price quotation							
Labour		Man hours	Hourly rate	Value £			
a. Total Labour (Prime and Overheads)							
b. Direct Material (please provide copies of invoices)							
c. Material Overheads							
d. Travel and Subsistence							
e. Other Costs							
f. Total Costs							
g. Profit – Risk/Non-risk (delete as appropriate)							
<b>Total TAAF Value</b>							
Approved on behalf of Contractor.		Additional information/Cost breakdowns included in Appendix A.			Yes*	No*	
<b>Name:</b>		<b>Signature:</b>		<b>Post:</b>		<b>Date:</b>	

**PART 3 – APPROVALS**  
**(To be completed by MOD Staff)**

	<b>TAAF No.</b>		
<p><b>3a Approval to Proceed</b></p> <p>I have scrutinised the cost and necessity of this task and deem it to be both Fair and Reasonable based on the evidence provided. The task can now proceed.</p> <p>Approval granted on behalf of the MOD Authority.</p>			
<b>Name:</b>		<b>Signature:</b>	
<p><b>3b Approval Declined</b></p> <p>Based on the evidence available:</p> <ul style="list-style-type: none"> <li>* The requirement for the task no longer exists.</li> <li>* The proposed task is unlikely to deliver the required output and/or deliver value for money.</li> <li>* Delete as necessary</li> </ul> <p>Declined on behalf of MOD Authority.</p>			
<b>Name:</b>		<b>Signature:</b>	
<p><b>3c MOD Commercial Branch Price Approval:</b> (If the price exceeds the level set iaw the Contract Financial Limit).</p> <p>With reference to this TAAF, I have confirmed the rates are correct and I am content that subject to the task being work scoped to the satisfaction of the project manager that commercial approval is granted for the task to proceed.</p> <p>For Director of Contracts (MOD)</p>			
<b>Name:</b>		<b>Signature:</b>	
<p><b>3d. <u>CP&amp;F &amp; CCMS DETAILS MUST BE INSERTED</u></b>  <b><u>PRIOR TO RETURN OF THIS TAAF TO THE CONTRACTOR</u></b></p>			
<b>CP&amp;F Purchase Order Number:</b>		<b>CP&amp;F Purchase Order Date:</b>	
<b>CCMS Transaction Number:</b>			
<b>Name of Officer inputting data onto CP&amp;F:</b>		<b>Signature:</b>	
<p><b>Distribution:</b> Contractor.</p>			

**PART 4 – Contractor Completion**

	<b>TAAF No.</b>		
<p>* The task has been completed and all required outputs delivered</p> <p>* Liability has been accepted by Contractor - No charge to MOD</p> <p>* Liability has not been accepted by Contractor - Costs as above</p> <p>* Delete <b>NON</b> Applicable</p>			
<b>Name:</b>		<b>Signature:</b>	
		<b>Post:</b>	
		<b>Date:</b>	

**PART 5 – Project Management TAAF Completion Agreement:**

<p>* The above task is complete, the man-hours, material and bought-out/sub- contract costs are commensurate with the Task.</p> <p>* Contractor liability agreed - No charge to MOD</p> <p>* Liability relating to this activity is in question; the above charge has not been agreed. Additional PDS activity is required or commercial resolution through the AC Team commercial manager is to be established.</p> <p>* The task, subsequent to approval, has been either cancelled or terminated where costs have been incurred a revised TAAF with the original number followed by an “a” annotation will be raised (this original TAAF will have zero value)</p> <p>* Delete <b>NON</b> applicable</p> <p>Agreed on behalf of the MOD Authority</p>			
<b>Name:</b>		<b>Signature:</b>	
		<b>Post:</b>	
		<b>Date:</b>	
<b><u>INPUTTING CP&amp;F/ CCMS RECEIPT DATA FOR COMPLETION OF THE TAAF</u></b>			
<b>CCMS Input Completed? (Y/N)</b>		<b>CP&amp;F Input Completed? (Y/N)</b>	
<b>CP&amp;F Receipt Number</b>		<b>CP&amp;F Receipt Date</b>	
<b>Name of Officer inputting Receipt onto CP&amp;F / CCMS:</b>		<b>Signature:</b>	
<b>Distribution:</b> Contractor.			



AC

### TAAF ADDITIONAL NARRATIVE DETAIL / COST BREAKDOWN FORM

TAAF No.

Contract No.

TAAF Title.

1. Additional Narrative Detail / Cost Breakdown:

Cost Element	Man-hours / Cost	Hourly rate / Quantity	Value £
Total TAAF Value			

2. The total value of Detailed Cost Breakdown is included in the TAAF Part 2. Cost Breakdown Table      Yes  No

3. Is this TAAF a Firm Price Quotation or Maximum Cost Estimate      Firm Price  Max Cost

Nam

Signature\*

Post:

Tel:

Date:

**APPENDIX 10 to Schedule 10 of CONTRACT No. ACCOMM/00026**

Contractor's Advice of Equipment Scrapped on Site or Lost in Shops

(Revised 08/08)

<b>From:</b> (Name and Full Address of Contractor)		<b>To: (Name/Address of P.A.A.)</b>		Serial Number																	
		NCAGE:																			
		Loan Number/Job Number																			
		Ex Contract Number																			
		AAC or Finance Brief No.																			
		T authority-include name & address		<table border="1" style="width:100%; border-collapse: collapse;"> <tr><th colspan="2">Code- Description</th></tr> <tr><td>G</td><td>CEI- Contract Embodiment Item- Scrapped on Site</td></tr> <tr><td>H</td><td>CEI- Contract Embodiment Item- Losses in Shops</td></tr> <tr><td>J</td><td>CWI- Contact Work Item- Scrapped on Site</td></tr> <tr><td>K</td><td>CWI- Contact Work Item- Losses in Shops</td></tr> <tr><td>L</td><td>CSI- Contract Support Item- Scrapped on Site</td></tr> <tr><td>M</td><td>CSI- Contract Support Item- Losses in Shops</td></tr> <tr><td>N</td><td>Other Losses</td></tr> </table>		Code- Description		G	CEI- Contract Embodiment Item- Scrapped on Site	H	CEI- Contract Embodiment Item- Losses in Shops	J	CWI- Contact Work Item- Scrapped on Site	K	CWI- Contact Work Item- Losses in Shops	L	CSI- Contract Support Item- Scrapped on Site	M	CSI- Contract Support Item- Losses in Shops	N	Other Losses
Code- Description																					
G	CEI- Contract Embodiment Item- Scrapped on Site																				
H	CEI- Contract Embodiment Item- Losses in Shops																				
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K	CWI- Contact Work Item- Losses in Shops																				
L	CSI- Contract Support Item- Scrapped on Site																				
M	CSI- Contract Support Item- Losses in Shops																				
N	Other Losses																				
NSNMOD Stock Reference No./Part No.		Description	D of Q	QTY	Code		Quantities		Nature of Defect or Damage, With Circumstances or other remarks	Line Item Price	Extended Value										
							liable	non liab													
Signature of Contractor		Date		Transaction posted To PSA		Register in series (Date/Stamp)		b Total		12											
								13		Amount for Invoice											
Job Title/Position:						(Note: For AAC Use Only)															

DATA ITEM DESCRIPTION		
<u>TITLE</u> <b>PROJECT MANAGEMENT PLAN</b>	<u>NUMBER</u> <b>DID- 0100</b>	
	<u>ISSUE</u> <b>1.0</b>	<u>ISSUE DATE</u>

### Background Information

1. The Project Management Plan (PMP) should set out in great detail how the Project Management Strategy will be implemented. It should cover each of the key phases of the project and be tailored to the particular needs of the Spares Provision, Repair (Spares Inclusive), Post Design Services (PDS) and Modification for the Support of Legacy Aircraft Wash Equipment, Fluid Replenishment Equipment. It should describe how the various project management processes (e.g. Issue and Risk Management, Communication and Stakeholder Management etc) will be conducted in order to ensure a successful overall project outcome that delivers within its Performance, Cost and Time envelope and covers each of the transition phases of the project.
2. The PMP, together with any subordinate management plans, shall demonstrate how the Contractor will mobilise, control and manage their Organisation to successfully deliver the Spares Provision, Repair (Spares Inclusive), Post Design Services (PDS) and Modification for the Support of Legacy Aircraft Wash Equipment, Fluid Replenishment Equipment. Where appropriate, the PMP shall define how the various Project Management processes will be tailored through-life to meet the particular needs of each life-cycle phase of the Spares Provision, Repair (Spares Inclusive), Post Design Services (PDS) and Modification for the Support of Legacy Aircraft Wash Equipment, Fluid Replenishment Equipment. The PMP will be used as the primary reference document for the management of the Spares Provision, Repair (Spares Inclusive), Post Design Services (PDS) and Modification for the Support of Legacy Aircraft Wash Equipment, Fluid Replenishment Equipment.
3. The Authority will use the PMP as a vehicle to understand the overall approach to managing the Spares Provision, Repair (Spares Inclusive), Post Design Services (PDS) and Modification for the Support of Legacy Aircraft Wash Equipment, Fluid Replenishment Equipment and to assess confidence that the Project can be successfully delivered.

### Deliverable Document

4. A **Project Management Plan**, tailored to the particular needs of the Spares Provision, Repair (Spares Inclusive), Post Design Services (PDS) and Modification for the Support of Legacy Aircraft Wash Equipment, Fluid Replenishment Equipment, covering all phases.

### Document Requirements

5. Reference may be made to other sub-ordinate plans if required in order, to provide more detail, providing this PMP remains a high quality stand-alone document. The Plan shall contain, as a minimum, the following essential information:
  - a. Requirement 1- The scope of the project, its major work packages and key deliverables.
  - b. Requirement 2- The overall approach to managing the project (the Project Management Strategy). It should explain how 'best practice' project management principles will be applied to each of the phases of the project (equipment delivery and ISS). It should demonstrate a strong understanding of this particular project, its key risks, and show how generic project management principles will be tailored to meet the needs of this project.
  - c. Requirement 3- Identification of Critical Success Factors and Key Performance Indicators.
  - d. Requirement 4- The proposed Organisation structure and governance arrangements in accordance with Appendix 1 to this DID.
  - e. Requirement 5- A robust and realistic Project Schedule (Ref: DID 0101), identifying the key activities, their dependencies, durations, key milestones and the critical path. This should cover all phases of the project.
  - f. Requirement 6- A robust and realistic resource plan for the project that underpins the Project Schedule.
  - g. Requirement 7- The project controls that will be established to ensure that project delivery performance is monitored, reported and that corrective action is instigated to keep the project on track.
  - h. Requirement 8- The proposed approach to Issue & Risk Management to ensure that issues are rapidly and effectively dealt with, risks proactively mitigated where appropriate, and that any opportunities are successfully exploited (Ref: RMP, DID 0108).

- i. Requirement 9- Proposed project reporting and review arrangements both internally and externally to ensure an effective project management interface with the Authority.
  - j. Requirement 10- Proposed project management tools & techniques.
  - k. Requirement 11- The proposed approach to Communication and Stakeholder Management to ensure a high level of stakeholder engagement and buy in throughout the delivery of the Spares Provision, Repair (Spares Inclusive), Post Design Services (PDS) and Modification for the Support of Legacy Aircraft Wash Equipment, Fluid Replenishment Equipment.
  - l. Requirement 12- The proposed approach to Supply Chain Management to ensure that the supply chain is properly harnessed and controlled to best support the overall success of the Spares Provision, Repair (Spares Inclusive), Post Design Services (PDS) and Modification for the Support of Legacy Aircraft Wash Equipment, Fluid Replenishment Equipment. (Ref: DID 0004).
  - m. Requirement 13- Key Project Assumptions, Dependencies and Exclusions.
6. Requirement 14- The PMP shall contain as a minimum the following sections:
- a. Introduction & purpose of the PMP.
  - b. Project Overview.
  - c. Scope and Change Management.
  - d. Overall approach to managing the project.
  - e. Critical Success Factors and Key Performance Indicators.
  - f. Project organisation and governance arrangements.
  - g. Project Schedule (WBS/Manufacturing/Platform Embodiment).
  - h. Resource Plan.
  - i. Project Controls.
  - j. Issue & Risk and Management.
  - k. Safety and Environment Management.
  - l. Project Reporting and Review.
  - m. PM Tools and Techniques.
  - n. Quality Management.
  - o. Communication and Stakeholder Management.
  - p. Supply Chain Management.
  - q. Configuration Management Plan.
  - r. Key Project Assumptions, Dependencies and Exclusions.

### **Appendix 1**

The Organisational Breakdown Structure (OBS) shall contain, but not necessarily limited to, the following essential information:

- a. Requirement 15- Identification of designated roles and internal sub-team leaders for significant areas of responsibility. Areas of responsibility shall include, but not be limited to:
  - i. Management,
  - ii. Design engineering & support,
  - iii. Financial,
  - iv. Commercial,
  - v. Facilities, or workshops.
- b. Requirement 16- Identification of those responsible for all the Work Packages to be undertaken during the current planning period including but not limited to:
  - i. Systems Engineering (SE),
  - ii. Safety & Environmental Management,
  - iii. In Service Support (ISS)
  - iv. Security,
  - v. Quality Management (QM),
  - vi. Sub-contractor involvement,
  - vii. Production & Embodiment.
- c. Requirement 17- A description of Internal Responsibilities for the Team Lead and each Sub-Team Lead identified in the internal organisation and give a brief description of their role and responsibilities.
- d. Requirement 18- A description and diagram of the relationships between the team and any external stakeholders i.e. people or organisations outside of your company, external advisors and sub-contractors.
- e. Requirement 19- A brief description of each external stakeholder and their relationship with your team and mission. A bulleted list item for each one is sufficient.
- f. Requirement 20- Details of security clearance levels held by your team and any external stakeholders.
- g. Requirement 21- The Responsibility Assignment Matrix (RAM) shall identify against each work element in the WBS an individual or post who is:
  - a. Responsible (R) - Identify the resource that owns the work (lead officer). Each work element should have at least one role responsible for it, although others can be delegated to assist in the work required.
  - b. Accountable (A) – Identify the resource that approves the work or is directly accountable for the completion of the work. There is only one accountable resource.

- c. Consulted (C) – Identify the resource whose opinions are sought and with whom there is two way communication to complete the work.
- d. Informed (I) - This is the resource who is informed of the progress of the deliverable.

DATA ITEM DESCRIPTION		
TITLE Project SCHEDULE	NUMBER DID- 0101	
	ISSUE 1.0	ISSUE DATE

**1. Background Information**

- 1.1 A robust and realistic Project Schedule (PS) shall be provided as part of the Tender Bid and subsequently maintained by the Contractor during the Contract.
- 1.2 The PS shall identify the sequence of activities identified in the Statement of Work (SoW), the duration of these activities and the duration of the Spares Provision, Repair (Spares Inclusive), Post Design Services (PDS) and Modification for the Support of Legacy Aircraft Wash Equipment, Fluid Replenishment Equipment. This is to include all activities up to and including completion of all equipment deliveries to aircraft platforms, In Service Support activities and the resources required to complete the activities.
- 1.3 The agreed PS will be used by the Authority and the successful Contractor to drive, monitor and control the project. Where there are any conflict in the dates between the PS and the SoW, precedence shall be in accordance with the precedence clause in the contract.

**2 Deliverable Document**

- 2.1 A **Project Schedule** for the Spares Provision, Repair (Spares Inclusive), Post Design Services (PDS) and Modification for the Support of Legacy Aircraft Wash Equipment, Fluid Replenishment Equipment., tailored to the particular needs of it.

**3 Document Requirements**

- 3.1 The PS shall be broken down into the work packages defined in the SoW and it will include activity durations, key milestones and key dependencies.
  - 3.2 The PS will form the basis of the performance measurement baseline for the Juniper contract.
  - 3.3 The PS shall contain, but not necessarily be limited to the following essential information:
    - a. Requirement 1- The scheduling detail of the planning packages for all future planning periods in sufficient detail and fidelity to support Critical Path Analysis and the Critical Path Network.
    - b. Requirement 2- Full resourcing data and linkages to the Work Breakdown Structure (WBS), Organisation Breakdown Structure (OBS) and Work Packages.
    - c. Requirement 3- Mitigation activities planned to mitigate those risks identified in the Risk Register.
    - d. Requirement 4- All activity inter-dependencies and all external project dependencies.
    - e. Requirement 5- Vertical and horizontal integration links between all schedules within a hierarchy.
    - f. Requirement 6- Key milestones and key events for the project.
    - g. Requirement 7- Contract milestones.
    - h. Requirement 8- Identification of all statutory English holidays (which the schedule must take appropriate account of).
    - i. Requirement 9- Work Packages should have the following characteristics
      - e. Product focussed.
      - f. Objectively measurable.
    - j. Requirement 10- The fields as specified in Annex A - Scheduling Fields.
    - k. Requirement 11- Views' or 'Filter Views' to aid communication of the key logic, key events and progress of the Project to senior levels of management. Views/Filter Views will include
      - i. Requirement 12- 'Level 0 View' shall show pertinent information on the following:
        - viii. Major Project Phases.
        - ix. Major Project Review Points, including (if appropriate), Preliminary Design Review (PDR), Final Design Review (FDR), Production start/finish etc.
        - x. Major Project Milestones.
        - xi. Contract Milestones.
        - xii. Critical Interface Points relating to:
          - (a) Interfacing Projects & Systems.
          - (b) Key Project tasks.
          - (c) Key Risk Mitigation Tasks.
          - (d) Key Project dependencies
      - ii. 'Level 1 Views' shall show pertinent information on the following:
        - xiii. All information that is shown on the Contractor's 'Level 0 View'.
        - xiv. Major milestone events.
        - xv. Major sub-system key events and development tasks.
        - xvi. Major sub-system key risk mitigation tasks.
- 3.4 The PS shall be base-lined and under configuration control.

3.5 The Views shall, following contract placement, record the monthly progress achieved and forecast estimates as captured in the PS.

**Annex A - Scheduling Fields**

<b>Field Name</b>	<b>Comment</b>
<b>Indicators</b>	The Indicators field displays indicators that give different types of information about a task or resource. For example, a completed indicator alerts you that the task is completed and a note indicator means that a task includes a date constraint. A levelling indicator means that the resource should be levelled.
<b>WBS</b>	The WBS field contains work breakdown structure (WBS) codes, which are alphanumeric codes you can use to represent the associated task's position within the hierarchical structure of the project. WBS codes are similar to outline numbers, except that you can edit WBS codes or apply a specific WBS format, or mask. WBS codes are also unique; you can only have one WBS code per task.
<b>Task Name</b>	The Name field contains the name of a task or a resource.
<b>Percentage complete</b>	The % Complete field contains the current status of a task, expressed as the percentage of the task's duration that has been completed.
<b>Duration</b>	The Duration field shows the total span of active working time for a task.
<b>Start</b>	The Start field shows the date when an assigned resource is scheduled to begin working on a task.
<b>Finish</b>	The Finish field shows the date when a task is scheduled to be completed.
<b>Predecessors</b>	The Predecessors field lists the task ID numbers for the predecessor tasks on which the task depends before it can be started or finished. Each predecessor is linked to the task by a specific type of task dependency and a lead time or lag time.
<b>Successors</b>	The Successors field lists the task ID numbers for the successor tasks to a task. A task must start or finish before successor tasks can start or finish. Each successor task is linked to the task by a specific type of task dependency and a lead time or lag time.
<b>Resource Type</b>	The Resource Type field indicates whether resources assigned to this task are work or material resources.
<b>Milestone</b>	The Milestone field indicates whether a task is a milestone.

DATA ITEM DESCRIPTION		
<u>TITLE</u> <b>RISK MANAGEMENT PLAN</b>	<u>NUMBER</u> <b>DID 0108</b>	
	<u>ISSUE</u> <b>1.0</b>	<u>ISSUE DATE</u>

**1 Background Information**

- 1.1 Risk Management is a key project management discipline used to maximise the projects likelihood of success through the early identification and effective management of threats and exploitation of potential opportunities. The implementation of effective risk management can help to ensure the achievement of the project's Time, Cost and Performance parameters. Risk management can also be used to inform and guide the direction of the project.
- 1.2 Authoritative information on risk management can be found in JSP892.

**2 Deliverable Document**

- 2.1 A **Risk Management Plan (RMP)** for the Spares Provision, Repair (Spares Inclusive), Post Design Services (PDS) and Modification for the Support of Legacy Aircraft Wash Equipment, Fluid Replenishment Equipment Contract.

**3. Document Requirements**

- 3.1 The Plan must contain, but is not necessarily limited to, the following essential information:

Requirement 1- Introduction; including:

- i. A definition of the purpose and scope of the RMP
- ii. Background of the team managing risk within the Project.

Requirement 2- Purpose of Risk Management; including:

- i. The objectives of risk management,
- ii. Success criteria for risk management.

Requirement 3- Process by which risks will be managed; including:

- 1) How risks will be identified
- 2) How risks will be analysed/assessed
- 3) How risk responses will be planned and developed
- 4) How risk responses will be implemented and monitored

Requirement 4- Organisation, roles and responsibilities; including:

- i. Identification of risk management organisation for the Project,
- ii. Identification of specific roles,
- iii. Terms of Reference for individuals involved in risk management.
- iv. Risk Management Competency and Training

Requirement 5- Methodology for Risk Management; including:

- i. How the risk management method relates to other project control methods, including how risk is incorporated into project planning and scheduling.
- ii. The scoring and interpretation methods appropriate for the type and timing of the qualitative and quantitative risk analysis being performed.

Requirement 6- Risk Management Activities; including:

- i. How the risk management method will be applied throughout any sub-contractor hierarchy
- ii. The process for the elevation and escalation of risks, both within the organisation and the Authority.

Requirement 7- Stakeholder Management Activities; including: Interaction with the Authority.

Requirement 8- Reviews and reporting procedures; including:

- i. Review meeting structure,
- ii. Frequency of jointly held risk review meetings (monthly or bi-monthly),
- iii. Risk review report to be produced for these meetings to demonstrate the degree of management of mitigation actions and progress in reducing/eliminating risks,
- iv. Discussion of risk priority ranking and further actions,
- v. Support to Authority risk reviews,
- vi. A proposed procedure to update and maintain Supplier owned risks information in the Authority's and jointly controlled Risk Registers.

Requirement 9- Audit and review of the project risk management process

Requirement 10- Risk Register (as detailed in DID 0109).

Each risk and opportunity in the register shall be scored in accordance with Table 1. Only the scale of risk probability is specified here for guidance. The actual level of impact within the Contract will be agreed upon discussion between the Supplier and Authority and will depend upon Contract details. Suppliers are invited to complete these sections to provide initial estimates to facilitate the above discussion.

Requirement 11- Risk Management Tools and Techniques; including:

- 1) Risk management software tools
- 2) Techniques used throughout the stages of the risk management process.

Requirement 12- Risk Terminology, including all the terms and definitions used for Risk Management by the organisation.

<b>Risk Quantity</b>	Very Low	Low	Medium	High	Very High
<b>Probability %</b>	0 - 10	11 - 20	21 - 50	51 - 75	> 75
<b>Cost (£K)</b>					
<b>Time Delays</b>					
<b>Performance</b>					

Table 1 – Risk Categorisation

The Supplier shall prioritise the risks and present a pictorial representation of risk using the Probability Impact Grid shown in Table 2. Threats and Opportunities should be displayed on separate Grids.

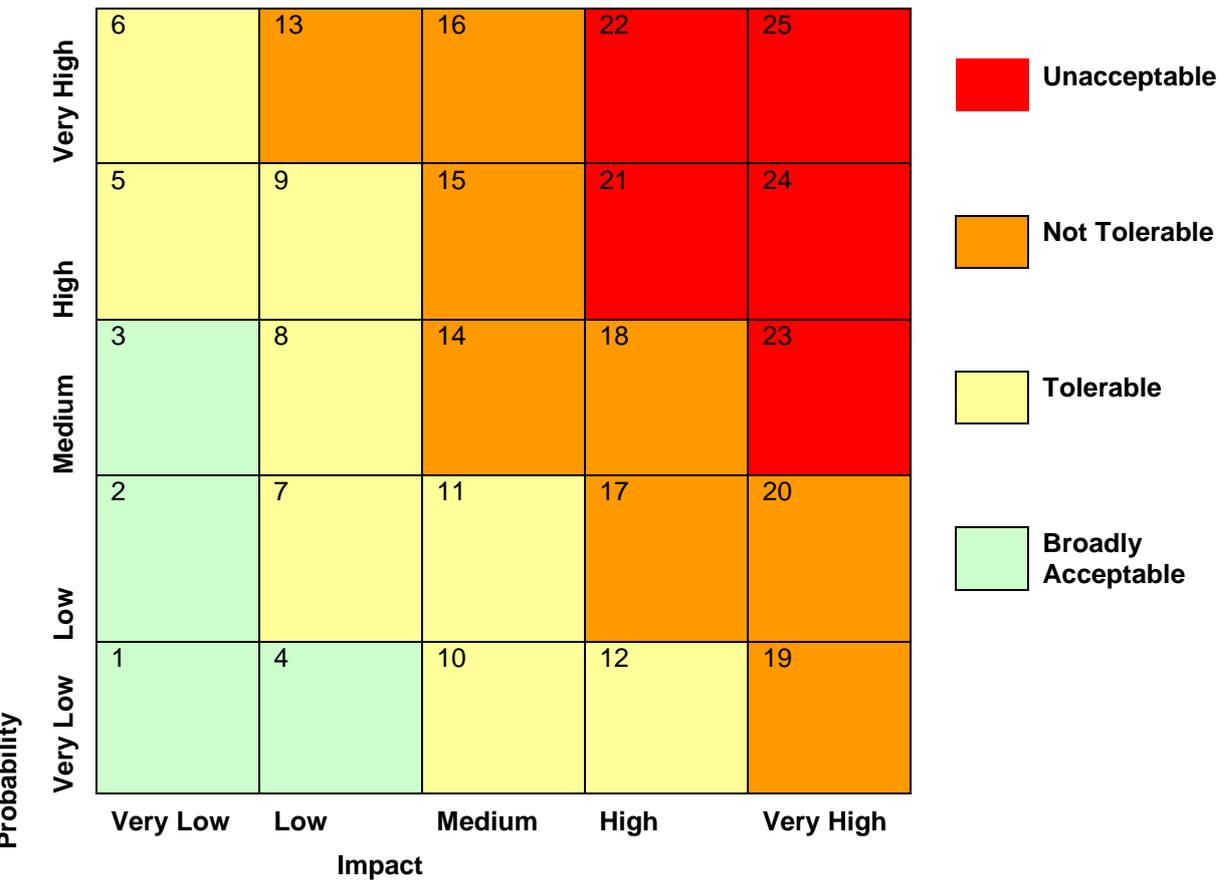


Table 2 – Risk (Threats) - Probability Impact Grid

DATA ITEM DESCRIPTION		
<u>TITLE</u> <b>RISK &amp; OPPORTUNITY REGISTER</b>	<u>NUMBER</u> <b>DID- 0109</b>	
	<u>ISSUE</u> <b>1.0</b>	<u>ISSUE DATE</u>

**1 Background Information**

- 1.1 Risk Management is a key project management tool used to maximise the likelihood of success through the early identification of risk and establishing effective mitigation plans and actions to reduce the probability and impact of these foreseen problems.
- 1.2 Full requirements of the Risk and Opportunity Management Plan can be found at DID 108.

**2 Deliverable Document**

- 2.1 A **Risk Register** tailored towards the Spares Provision, Repair (Spares Inclusive), Post Design Services (PDS) and Modification for the Support of Legacy Aircraft Wash Equipment, Fluid Replenishment Equipment Project.

**3. Document Requirements**

- 3.1 The register must contain, but is not necessarily limited to, the following essential information:
  - i. A Risk Identifier: A unique serial number for each risk.
  - ii. Date identified: When the risk was identified.
  - iii. Description: A narrative description of the risk including possible causes
  - iv. Risk category.
  - v. Cause: A written description of the underlying situation and factors that give rise to the potential risk 'Event'. Often referred to as risk drivers, they are not threats or opportunities in themselves, but potential triggers for risk. They can be internal or external to the project, programme, or plan to achieve a business objective.
  - vi. Impact: The effect on plans and objectives of a particular threat or opportunity actually occurring, or the anticipation of such an occurrence. Derived from the risk description, impacts are often quantified in terms of time and cost along with a statement about the effect on performance.
  - vii. Probability: The chance of a risk event occurring, which is usually described as a percentile figure. Qualitative descriptions may also be used. If a risk might occur more than once then the probability can be paired with a frequency figure. Note that probabilities approaching 100% should be considered as certain and the risk handled accordingly.
  - viii. Current and post mitigation scores to be detailed to monitor progress.
  - ix. Mitigation Strategy: What activities can/will be done in order to reduce either the probability and/or the impact of the risk occurring; to include consideration of Cost Benefit Analysis.
  - x. Mitigation Owner: Who will be responsible for managing the mitigation strategy?
  - xi. Mitigation Leader: Who will be leading the activities and actions that mitigate the risk?
  - xii. Mitigation Actions: Specific actions/activities that can be identified to mitigate the risk and target dates.
  - xiii. Fallback plans: What action will be undertaken (to include start and finish dates where applicable), to minimise the impact of a risk following its realisation.
  - xiv. Fallback trigger: What is the identified trigger point of the risk?
  - xv. Review dates: When the risk and mitigation actions will be reviewed.
  - xvi. Any possible secondary risks arising from implementing mitigation actions.

**4 Format**

- 4.1 A risk management software tool may be used but is not mandated (the Authority is familiar with the Active Risk Manager (ARM) and Predict Risk Analyser tools). A Joint Register may be set Up that is accessible to both parties.

**5 Data Population**

- 5. 1 Demonstration of an initial risk identification and population of the register with potential risks to the fulfilment of the contract, is expected at the Tender stage.

**Obsolescence Management Plan**

JSP 886 Volume 7 Part 8.013 Chapter 5

DATA ITEM DESCRIPTION		
TITLE	NUMBER	
SAFETY & ENVIRONMENTAL MANAGEMENT PLAN	DID- 0110	
	ISSUE	ISSUE DATE
	1.0	

## 1 Background Information

- 1.1 Effective Safety and Environmental Management will be one of the key factors which will ensure the Spares Provision, Repair (Spares Inclusive), Post Design Services (PDS) and Modification for the Support of Legacy Aircraft Wash Equipment, Fluid Replenishment Equipment. Contract's success. The Authority therefore wishes to select a supplier who is proposing a robust approach to Safety and Environmental Management.
- 1.2 The Safety and Environmental Management Plan is part of the Project's Master Planning Schedule and its purpose is to capture the activities, dependencies, outputs and milestones connected with the Safety and Environmental Management processes of the Project.

## 2 Deliverable Document

- 2.3 A Safety and Environmental Management Plan (SEMP) for the Spares Provision, Repair (Spares Inclusive), Post Design Services (PDS) and Modification for the Support of Legacy Aircraft Wash Equipment, Fluid Replenishment Equipment Contract.

## 3 Document Requirements

- 3.4 The Plan shall contain, but is not necessarily limited to, the following essential information:

Requirement 1 - Introduction: Provide a brief introduction to the SEMF outlining the aim and scope of the document.

Requirement 2 - Safety and Environmental context.

Requirement 3 - Project Safety and Environmental Management:

- i. State the reason for the production of the SEMF.
- ii. Identify the main objectives of the SEMF.
- iii. Describe the supplier's organisation for Safety and Environmental Management.
- iv. Define the equipment Safety and Environmental Requirements, Targets and Assessment criteria. Safety and Environmental requirements shall include, but are not limited to those identified in the Authority's Statement of Work.
- v. Outline a programme of Safety and Environmental Management activities appropriate to the Spares Provision, Repair (Spares Inclusive), Post Design Services (PDS) and Modification for the Support of Legacy Aircraft Wash Equipment, Fluid Replenishment Equipment Contract.
- vi. Details of how the Safety and Environmental activities will support Management Reviews and Performance Reporting.

Requirement 4 - Safety And Environmental Requirements: Identification of all safety and environmental requirements and targets for the Spares Provision, Repair (Spares Inclusive), Post Design Services (PDS) and Modification for the Support of Legacy Aircraft Wash Equipment, Fluid Replenishment Equipment which are expected to be met by the implementation of the plan including but not limited to:

- i. Safety and environmental requirements arising from legislation.
- ii. MOD Certification and Sustainable Procurement requirements.
- iii. Acceptance criteria.
- iv. Safety and environmental requirements from the Requirement/Safety Targets.
- v. Safety and environmental related standards to be applied e.g. British Standards, Defence Standards, Military Aviation Authority Regulatory Publications – Regulatory Articles.
- vi. The planning, co-ordination and means of collation of evidence of hazards at system and equipment levels.
- vii. Identification of Safety and Environmental Management documentation to be produced for each platform type prior to the initial trials fit to allow clearance for trial.
- viii. Agreement and delegation of authority between the supplier and the Platform Design Organisation for the conduct of safety assurance activities related to specific platforms.
- ix. How evidence of safety and environmental assurance for existing or proprietary product will be provided.

Requirement 5 - Safety Case Strategy: This strategy should support the programme of work above. It should give consideration to the types of analyses and testing to be carried out. It should define the scope of work of the safety and environmental cases and interfaces with associated equipment safety cases.

Packaging, Handling and Storage Plan

JSP 886, Volume 7, Part 8.02

DATA ITEM DESCRIPTION		
LEGISLATION REGISTER	NUMBER	
	DID- 0110	
UE	ISS	ISSUE DATE
	1.0	

**Background Information**

The Legislation Register reflects all legislation applicable in-service operation of the Juniper Wash Equipment contract.

**Deliverable Document**

A **Legislation Register** for the Juniper Wash Equipment contract.

**Document Requirements**

The Legislation Register must contain, but is not limited to, the following essential information:

**Requirement 1** Executive Summary:

- a. The executive summary should enable the Duty Holder to provide assurance to the stakeholders that he/she is content that all applicable and relevant Legislation and Standards have been captured and are up to date.
- b. Any applicable legislation currently being assessed is to be identified in the executive summary with an indication of the expected impact.

**Requirement 2** Introduction - The Introduction is to provide:

- c. A brief description of the system/programme, providing the means to associate the legislation with the system.
- d. A summary how legislation and standards are recorded in the Legislation Register, identifying roles and responsibilities for managing the Legislation Register.
- e. The process for capturing, reviewing and managing of legislation and standards is to be summarised.

**Requirement 3** Legislation Register - The Legislation Register is to contain all applicable and relevant legislation which:

- f. Extends to the UK.
- g. Are made in the UK and extends outside its boundaries.
- h. Are applied by host nations to UK Armed Forces operating aboard.
- i. Have been used by the Contract to support a non-compliance against relevant legislation or mandatory standard.
- j. Have been used by the Contract because there are no alternative directly relevant legislation.

2. Against each item recorded in the Legislation Register, the following information must be recorded:

- a. Title.
- b. Reference, including version and date.
- c. Brief summary.
- d. Category:
- e. Mandatory - Legislation or standards that are mandated for the system;
- f. Optional - Legislation or standards that may not be directly applicable to the system, but are being used as an alternative to justify an exemption to a non-compliance.
- g. Guidance – Legislation or standards that are being used as guidance as there are no alternative or relevant legislation or standard.
- h. Status (Future, Current, Obsolete).

Against each item recorded in the Legislation Register, where possible the following information should be recorded:

- i. Reference to source of legislation or standard, i.e. from where the documentation was acquired.
- j. Anticipated review / update date.
- k. Owner (organisation) of legislation or standard.
- l. Reference of previous version (if applicable), and brief summary of changes since previous issue.
- m. New / Revised Legislation and Standards

**Requirement 4** Where new or revised Legislation or Standards are identified, the contractor is responsible for undertaking an assessment of the documentation prior to inclusion in the Legislation Register. This is to be facilitated by the use of a Legislation and Standards Template that will include Applicability Assessment, taking in to consideration:

- n. Date of implementation.
- o. Scope of the legislation or standard, against the system and operational role.
- p. Context of changes, noting that some changes are mandatory to resolve urgent safety/operational issues.

**Requirement 5** Impact Assessment:

- q. Review of legislation / standard to determine the differences;
- r. Impact assessment of identified changes against the current system/programme;
- s. Future proofing of the system.
- t. Agreement by the Duty Holder.

DATA ITEM DESCRIPTION		
<p style="text-align: center;"><u>TITLE</u> <b>QUALITY MANAGEMENT PLAN</b></p>	<p style="text-align: center;"><u>NUMBER</u> <b>DID- 0106</b></p>	
	<p style="text-align: center;"><u>ISSUE</u> <b>1.0</b></p>	<p style="text-align: center;"><u>ISSUE DATE</u></p>

**1 Background Information**

- 1.1 In order to understand and monitor the application of quality management and quality assurance surveillance within the Spares Provision, Repair (Spares Inclusive), Post Design Services (PDS) and Modification for the Support of Legacy Aircraft Wash Equipment, Fluid Replenishment Equipment Contract, the Authority requires a Quality Management Plan to define the activities and level of compliance with all processes and procedures to be conducted within the Spares Provision, Repair (Spares Inclusive), Post Design Services (PDS) and Modification for the Support of Legacy Aircraft Wash Equipment, Fluid Replenishment Equipment Contract.

**2 Deliverable Document**

- 2.1 A **Quality Management Plan (QMP)** for the Spares Provision, Repair (Spares Inclusive), Post Design Services (PDS) and Modification for the Support of Legacy Aircraft Wash Equipment, Fluid Replenishment Equipment Contract.

**3 Document Requirements**

- 3.1 The QMP shall refer to and/or include all procedures, plans and other documents applicable to the equipment delivery phase and In Service Support phase. The QMP shall specify the activities (managerial and technical) to be implemented, either directly or by reference to appropriate procedures and documents. The procedure for amending the QMP shall be included.
- 3.2 The Plan shall contain, but not necessarily be limited to, the following essential information:

Requirement 1- Project Description:

The purpose and applicability of the Project shall be described in a short form.

Requirement 2-Acronyms, Abbreviations and Definitions:

All acronyms and abbreviations used in the QMP shall be listed. With the exception of the contractual definitions, all definitions used in the QMP shall be listed.

Requirement 3-Organisation and Responsibilities:

The QMP shall include a Contract specific description of the organisational structure and identify those who will be responsible for ensuring that the required activities are carried out. The responsibilities and authorities of responsible personnel related to quality, including management representative, shall be described. Any relationship to the Authority of personnel designated for Contract related quality activities must be clearly documented. Relevant interfaces between the responsible personnel shall be explained.

Requirement 4-Resource Management:

The provision of resources, human resources, infrastructure and work environment needed to implement the Contract requirements shall be highlighted in the QMP.

Requirement 5-Quality Management System Activities:

The high level planning of applicable quality management activities derived from the quality related requirements and risks shall be defined, and is not limited to, the processes given in the sub-paragraphs below. The QMP shall describe how the requirements are flowed down to the places where work is being performed.

Requirement 6-Processes (General Requirements)

- a) The QMP shall describe how processes are identified along with their application, their sequence and interaction.
- b) Criteria and methods to ensure that processes are effective shall be included, as well as resources to support and monitor the implementation of them. Special emphasis shall be put on special or new processes.
- c) The QMP shall include how the supplier will control outsourced products, processes and activities.
- d) The QMP shall include how processes are monitored, measured, analysed and continually improved.

Requirement 7-Documentation requirements:

The QMP shall describe how documentation requirements, including quality policy, quality objectives, quality manual, procedures, records and other documents are maintained and controlled, including retention periods.

Requirement 8-Product Realisation Activities:

- a) The planning of applicable product realisation activities derived from the quality related requirements and risks shall be defined, but is not limited, to the processes below:
- b) Planning of Product Realisation: The QMP shall describe the activities related to how the planning process for Product Realisation will be carried out.
- c) Customer Related Processes: The QMP shall describe the activities associated with the process of the determination and reviewing requirements related to the product. It shall describe the arrangements for customer communication.
- d) Design and Development: The QMP shall describe the activities related to how the supplier plans and controls the design and development of the product and how interfaces are managed.

- e) Purchasing Including Control of Sub-Suppliers: The QMP shall describe how the purchasing process will be carried out, how the supplier ensures that purchased products conforms to the specified requirements and how sub-suppliers are evaluated and selected. Specific risks related with sub-suppliers or their products shall be listed and addressed.
- f) Production and Service Provisioning: The QMP shall describe how the production and service provisioning is carried out under controlled conditions.
- g) Control of Monitoring and Measuring Devices: The QMP shall describe how monitoring and measuring devices will be controlled in order to provide evidence of product conformity to Contract requirements. The QMP shall describe the processes used to ensure that measurement and calibration systems meet the requirements.
- h) Configuration Management: The QMP shall describe the contract specific activities for configuration management and/or give reference to the required Configuration Management Plan.  
Reliability and Maintainability: The QMP shall describe the contract specific activities for Reliability & Maintainability.

Requirement 8-Measurement, Analysis and Improvement Activities:

The planning of applicable measurement, analysis and improvement activities derived from the quality related requirements and risks shall be defined, but is not limited, to the processes below:

- a) Internal Audit: The QMP shall describe how internal audits will be performed in order to determine whether the Quality Management Plan conforms to the requirements and is effectively implemented and maintained.
- b) Certificate of Conformity: The QMP shall refer to the Contract specific arrangements for the use of Certificate(s) of Conformity.
- c) Control of Non-Conforming Product: The QMP shall describe how the Contract specific requirements for identification and control of non-conformances will be carried out.
- d) Analysis of Data: The QMP shall describe how analysis of data will be performed in order to demonstrate the suitability and effectiveness of the planned activities and where improvements can be made.
- e) Improvement: The QMP shall describe how continual improvement, corrective and preventive actions will be carried out.

Requirement 9-NATO Additional Requirements:

The planning of applicable NATO additional requirements activities derived from the quality related requirements and risks shall be defined, but is not limited to, the requirements below:

- a) The QMP shall describe how the Authority's access to supplier and sub-suppliers are given and how support for MoD Quality Assurance activities will be provided.
- b) The QMP shall describe how the supplier will ensure that only acceptable products intended for delivery are released to the Authority.

Requirement 10-Referenced Documents

Contractual Documents: Where applicable, the QMP shall refer to other plans or their appropriate sections and quality related contractual documents. The interfaces and relationships to these and other planning documents required in contracts shall be described.

Supplier Internal Quality Related Documents: Where applicable, the QMP shall refer to the supplier's Quality Management System.

Other Documents: The QMP shall list other relevant and Contract related documents.

Order of precedence: The order of precedence of referenced documents and their relationship to the Contract, including the QMP shall be specified.

DATA ITEM DESCRIPTION		
TITLE	NUMBER	
CORE PDS/AD-HOC PDS MANAGEMENT PLAN	DID- 0703	
	ISSUE 1.0	ISSUE DATE

1. Background Information

- 1.1 This Data Item Description (DID) identifies and describes the Post Design Services (PDS) Operating Procedures to deliver Core/Ad-Hoc PDS activities under Line Item 5 & 6, of the equipment in the scope of Spares Provision, Repair (Spares Inclusive), Post Design Services (PDS) and Modification for the Support of Legacy Aircraft Wash Equipment, Fluid Replenishment Equipment.
- 1.2 The principal purpose of the PDS Management Plan (PDSMP) is to detail how the PDS activities, policies, procedures and interfaces are to be implemented, operated, managed and maintained in order to deliver the PDS output throughout the period of the Contract. The PDSMP shall demonstrate how the Contractor will deliver all PDS requirements and should document how they will manage ad-hoc requirements under Line Item 6.

2. Document Requirements

- 2.1 The PDSMP shall clearly identify the roles and responsibilities of the Authority and Contractor and provide guidance and instruction to personnel as to how PDS will be conducted and delivered. It shall contain, but not necessarily be limited to, the following essential information:

Requirement 1- Introduction

Overview

This section shall provide an overview of the Support Solution as articulated in the Statement of Work (SOW).

Contractor information

This section shall identify the Contractor's relevant contact details, which shall include address, telephone & fax numbers and the email addresses of individuals who will be delivering the PDS Support.

- i. Abbreviations
- ii. References
- iii. Definitions - A list of the terms used throughout the document.

Requirement 2- General Information

Purpose

This section shall describe the purpose of the PDSMP.

List of Equipment

This section shall provide a list of all equipment covered by the PDSMP.

Sub-Contractors

This section shall if applicable identify all the relevant Sub-Contractors that are utilised in the delivery of the PDS Support and shall detail their involvement.

Packaging

This section shall detail how equipment shall be packaged and labelled, including relevant warnings, cautions and markings, for delivery to the Authority.

Transportation

This section shall detail how transportation for the equipment is organised and arranged.

Storage

This section shall identify all storage requirements for the equipment and any relevant cautions, warnings and limitations.

Information Systems

This section shall identify the information systems to be used for control, management and tracking of the equipment.

Local Procedures

This section shall detail any local procedures that the Authority should implement to assist the Contractor in the delivery of the PDS element of the contract.

Requirement 3- Project Management during PDS

This section shall detail how project management activities shall be managed during PDS activities. Reference to the Project Management Plan should be made where appropriate. This section shall detail how Project Management activities shall be managed throughout the duration of the Contract.

## Core PDS Support under Line item 5

### Requirement 4- Maintenance of Technical Publications

This section shall detail all procedures for how Technical Publications shall be maintained to meet Military Airworthiness Authority regulations, documenting how the publications will be stored to meet the requirements of the SOW and any storage locations/backups identified, as well as how the Authority can access the latest Technical Publications.

This section should also refer to the Configuration Management Plan as appropriate to demonstrate how configuration control of the publications will be implemented.

### Requirement 5- Design Organisation Continuity

This section shall detail all procedures for how Design Organisation Continuity shall be maintained to ensure that the appropriate capability and the tools to facilitate on-going support, including test, maintenance and development relating to the equipment listed in Appendix 2 of the SOW.

### Requirement 6- Core Post Design Services

This section shall detail all procedures/processes for how Core Post Design Services will be delivered, clearly articulating how Master Documentation, including Master Equipment Document Sets, will be maintained and how they will be stored to meet the requirements of the Statement of Work. This section should identify storage locations/backups, as well as how the Authority can access the latest Master Documentation.

This section should also refer to the Configuration Management Plan as appropriate to demonstrate how configuration control of the Master Documentation will be implemented.

### Requirement 7- Obsolescence Management

This section shall detail all procedures/processes for the delivery of Obsolescence Management. It should identify any tools that will be used to monitor and track obsolescence issues, the procedures in place for reporting issues to the Authority and the processes for resolving obsolescence issues with Authority engagement. This section should be produced in accordance with JSP 886 Volume 7 Part 13.

### Requirement 8- Technical Support Service

This section shall detail all procedures/processes for the delivery of Technical Support Service for the equipment listed in Appendix 2 of the SOW. It should identify how any technical issues raised by the Authority will be dealt with, it will indicate the response time to the initial issue being raised. Following the initial response if further investigation is required this will be covered by the TASK AUTHORISATION AND AGREEMENT FORM (TAAF).

## Ad-Hoc Post Design Services under Line Item 5

### Requirement 9- Ad-Hoc Post Design Services

These requirement sections shall detail all procedures/processes for how Ad-Hoc PDS will be delivered. This section should detail how any updates to Master Documentation shall be transitioned from update, Authority acceptance and into maintenance of Master Documentation under Core Post Design Services. As a result this section should also refer to the Configuration Management Plan.

### Requirement 10- Equipment Modification

This section shall detail all procedures/processes for the delivery of Modifications to equipment listed in Appendix 2 of the SOW. It will include how the proposed modification will be assessed, to include an assurance that if introduced into service it will not impact on the safe operation of the equipment or associated systems. It will also cover how any Authority proposed modification that is considered unsafe by the contractor will be dealt with and how the Authority shall be informed. This section will also provide details of how modifications that are identified by the contractor that potentially result from an obsolescence issue are processed.

For any modification that involves a range or ranges of equipment it will provide the method by which the modification will be introduced into service, the preparation of the mod leaflet and the issuing of modification kits.

### Requirement 11- Ad- Hoc PDS Meetings

This section shall detail all procedures/processes for the delivery of Ad- Hoc PDS Meetings in relation to specific issues that may arise relating to the delivery of the contract that cannot wait until a scheduled PDS meeting.

### Requirement 12- Investigative Engineering

This section shall detail all procedures/processes for the delivery of Investigative Engineering. It will indicate which position within the company will be responsible for providing the initial response to the request for an investigation which could originate from the user community or the Project Manager. The investigation could be related to a safety issue therefore in those instances an indicative response time should be provided. For any investigation resulting in the requirement for an equipment modification programme details should be provided as to how this will be managed

### Requirement 13- Unsatisfactory Feature in Air Publication.

This section shall detail all procedures/processes for the resolution of unsatisfactory features being reported (via a Form 765) in any equipment Air Publication It will detail how following a review of the issue, if the contractor agrees how the Air Publication will be updated and how this will be achieved.

### Requirement 14- Technical Instructions

This section shall detail all procedures/processes for the delivery of Technical Instructions. It will indicate which position within the company will be responsible for providing any technical input or advice. It will clearly show how the time frames listed within the SOW will be met. The investigation could be related to a safety issue therefore in those instances an indicative response time should be provided. For any investigation resulting in the requirement for equipment modification or corrective action the Project Manager is to be informed and the relevant technical instruction produced.

Requirement 15- Equipment Trials

This section shall detail all procedures/processes for the delivery of Equipment Trials. It will indicate which position within the company will be responsible for providing technical input or advice to the Project Team requesting the trial. It will clearly show what investigation has been carried out prior to the trial commencing to provide assurance that there is no risk to the aircraft.

DATA ITEM DESCRIPTION		
<u>TITLE</u> <b>SUSTAINABLE PROCUREMENT PLAN</b>	<u>NUMBER</u> <b>DID- 0004</b>	
	<u>ISSUE</u> <b>1.0</b>	<u>ISSUE DATE</u>

**Background Information**

The Authority is committed to achieving sustainable development goals through working with the supply chain and sharing best practice. This is not a condition to working with the Authority now or in the future, nor part of the Contract. It is however a commitment on part of the Authority to encourage and support sustainable procurement and we are committed to working with the successful Tenderer to achieve this. The Authority hopes that you share this commitment and the Authority will discuss sustainable procurement further with the successful Tenderer during the performance of any resultant Contract. This plan will provide the basis for Sustainable Procurement for the Spares Provision, Repair (Spares Inclusive), Post Design Services (PDS) and Modification for the Support of Legacy Aircraft Wash Equipment, Fluid Replenishment Equipment Contract.

**Deliverable Document**

A **Sustainable Procurement Plan** for the Spares Provision, Repair (Spares Inclusive), Post Design Services (PDS) and Modification for the Support of Legacy Aircraft Wash Equipment, Fluid Replenishment Equipment Contract.

**Document Requirements**

The plan shall contain, but is not necessarily limited to, the following essential information:

1. A full list of material content used in the equipment or service that is not covered by a specific reporting requirement in the contract documents.
2. Whether recycled, reusable or biodegradable products have been considered for performance of any resultant Contract and suggest ways that such products could be utilised.
3. Explain the potential for and risk of pollution (land, air and water) from performance of any resultant Contract and demonstrate how the Tenderer intends to manage this risk.
4. Attest that all waste products used in the performance of any resultant Contract will be dealt with in sustainable way and in accordance with applicable environmental legislation.
5. Specify an estimate of the energy for manufacture of the product, or delivery of the service or works and suggest ways that energy efficiency can be improved.
6. Demonstrate that the performance of the resultant Contract will not have an adverse impact on employee welfare or health and safety.
7. Outline the sustainable procurement policy of your organisation.
8. The actions that would be taken to address sustainable procurement for the Spares Provision, Repair (Spares Inclusive), Post Design Services (PDS) and Modification for the Support of Legacy Aircraft Wash Equipment, Fluid Replenishment Equipment Contract.
  - i. An indication of any areas where the Authority and the Contractor will need to work together to enhance the sustainable delivery of the Contract.
9. A flow-down of the plan and actions to sub-contractors where appropriate.
10. Details, together with supporting evidence, of their ISO:14001 (or equivalent) Environmental Management Accreditation.

DATA ITEM DESCRIPTION		
<u>TITLE</u> <b>SUPPLY CHAIN  MANAGEMENT PLAN</b>	<u>NUMBER</u> <b>DID- 0004</b>	
	<u>ISSUE</u> <b>1.0</b>	<u>ISSUE DATE</u>

**1 Background Information**

- 1.1 The Spares Provision, Repair (Spares Inclusive), Post Design Services (PDS) and Modification for the Support of Legacy Aircraft Wash Equipment, Fluid Replenishment Equipment will require effective supply chain management to deliver spares, repairs, PDS) support and maintenance activities. The Authority wishes to understand the range and scale of the Tenderers supply chain and how the Tenderer will manage its supply chain.

**2 Deliverable Document**

- 2.1 A **Supply Chain Management Plan (SCMP)** for the Spares Provision, Repair (Spares Inclusive), Post Design Services (PDS) and Modification for the Support of Legacy Aircraft Wash Equipment, Fluid Replenishment Equipment Contract.

**3 Document Requirements**

- 3.1 The Tenderer shall propose a SCMP that demonstrates how they intend identify suppliers within the supply chain, whilst identifying how they will manage the supply chain to ensure delivery to the Authority within time, cost and performance parameters.
- 3.2 The plan shall contain, but is not necessarily limited to, the following essential information:
  - a. Requirement 1- Overall strategy for managing the supply chain.
  - b. Requirement 2- Methods for identifying supplier (preferred supplier lists, use of in-house resource and/or companies within the parent company portfolio, competition).
  - c. Requirement 3- Methods for proactively monitoring the performance of the supply chain and managing delivery to ensure the Tenderer can meet their obligations.
  - d. Requirement 4- Identification of key suppliers and their role, this should include any supplier that the Tenderer proposes to use the for moulding service.
  - e. Requirement 5- Identification of all suppliers within the supply chain, including the forecast value of work to be awarded to the company and their country of business operations. This should also include an identification of the importance of the supplier using the Kraljic model, or equivalent.
  - f. Requirement 6- Methods to be deployed to recover underperformance in the supply chain, this can include alternative sourcing where appropriate.
  - g. Requirement 7- Methods for communicating supply chain performance to the Authority, including how and when the Tenderer will communicate to the Authority.
  - h. Requirement 8- Methods for managing risk within the supply chain, cross referencing to the Risk Management Plan as appropriate.

DATA ITEM DESCRIPTION		
<b>TITLE</b> <b>BUSINESS CONTINUITY &amp; DISASTER DELIVERY PLAN</b>	<b>NUMBER</b> <b>DID- 0005</b>	
	<b>ISSUE</b> <b>1.0</b>	<b>ISSUE DATE</b>

**1 Background Information**

- 1.1 Business Continuity is a proactive management process that determines the key functions of an organisation and the likely threats to those functions. From this information plans and procedures can be developed which ensure that key functions can continue whatever the circumstances. Effective Business Continuity management allows organisations to managing essential business deliverables during a disruption/disaster.
- 1.2 Disaster Recovery Planning is the activity of implementing plans to resume or recover a specific essential operation, function or process in the organisation and when implemented is reactive to a disaster event. The implementation of effective Business Continuity & Disaster Recovery can help to ensure the achievement of the project's Time, Cost and Performance parameters.
- 1.3 Whilst Business Continuity and Disaster Recovery Planning is similar and share many of the same features, they are also different and thus should not be construed as the same. Business Continuity aims to minimise the risk of business failure by enabling the organisation to continue without interruption following a disaster. Disaster Recovery (or contingency planning) is about having a fall-back position should anything go wrong, enabling the business to recover over time, and implementing the plan if required.
- 1.4 Authoritative Business Continuity & Disaster Recovery can be found in JSP 503 – MOD Business Continuity Management.

**2 Deliverable Document**

- 2.1 A **Business Continuity & Disaster Recovery Plan (BC/DRP)** for the Spares Provision, Repair (Spares Inclusive), Post Design Services (PDS) and Modification for the Support of Legacy Aircraft Wash Equipment, Fluid Replenishment Equipment Contract.

**3. Document Requirements**

- 3.1 The Plan must contain, but necessarily be limited to, the following essential information:

Requirement 1- Introduction; including:

- i. A definition of the purpose and scope of the BC & DRP
- ii. Background of the team managing BC & DRP within the project.

Requirement 2- Purpose of BC & DRP; including:

- i. The objectives of Business Continuity & Disaster Recovery Management,
- ii. Success criteria of Business Continuity & Disaster Recovery Management.

**Business Continuity**

Requirement 3- Business Continuity Management methodology, this should document the Business Continuity Management methodology and should include but not be limited to:

- i. Risk assessment and Business Impact Analysis
- ii. Business Continuity Plan development
- iii. Documenting the BCP
- iv. Testing the BCP
- v. Maintaining the BCP
- vi. How the BC methodology relates to other project control methods, including how risk is incorporated into project planning and scheduling.

**Business Continuity Plan**

Requirement 4- Roles & Responsibilities

- i. Identify who in the organisation will take responsibility for each action, including deputies to cover key roles.
- ii. Identify the recovery team & co-ordinator.
- iii. Identify external organisations and their roles & responsibilities (e.g. Fire Service).
- iv. Identify points of contact.

Requirement 5- Incident checklists for key staff

- i. Identify checklists that readers can easily follow in the event of a disaster

Requirement 6- First stage

- i. Include clear, direct instructions or a checklist for the crucial first hour following an incident.

Requirement 7- Following stages

- i. Include a checklist of things that can wait until after the first hour.

Requirement 8- Document review

- i. Agree how often, when and how the organisation will check the plan to make sure it is current.
- ii. Agree how the plan will be tested (table top exercise, communication test or full rehearsal).
- iii. Update the plan to reflect changes within the organisation and in the risks which it may face.

**Disaster Recovery**

Requirement 9- Identification of the disasters the organisation can be exposed to and their probability and impact, captured on the Risk Register as required under DID 0109:

- i. Fire and/or explosion, whether accidental or arising through arson
- ii. Flooding
- iii. Natural disasters such as hurricanes, tsunamis, earthquakes etc
- iv. Terrorism (physical and cyber)
- v. Sabotage (by employees or competitors)
- vi. Computer failure (e.g. those caused by viruses)

Requirement 10- Identification of the mitigations to disasters & the fall back/contingency plans in place to mitigate the risk; this should include but not be limited to:

- i. Insurances
- ii. Alternative accommodation
  - a. Use of spare space within existing buildings occupied by the organisation.
  - b. Cold site- a site that contains the space required to house staff, it does not contain back up equipment, software and data files.
  - c. Warm site- in addition to the cold site requirements, contains computer equipment similar to that at the original location, but does not contain software and back-up data files.
  - d. Hot site- a duplication of the original site, it contains both computer equipment, all software and back-up data files.
- iii. Uninterruptable power supply to guard against power failure
- iv. Anti-virus software and firewalls
- v. Data backups including remote storage
- vi. Fire alarms & fire & evacuation procedures/routes
- vii. Security alarms/security procedures