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| **Air Commodities Delivery Team** | |
| **Spares Support Provisioning for JAST and Houchin Air-Start.** | |
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| **STATEMENT OF REQUIREMENT (SOR)**  **SCHEDULE 9 - Contract 700623373** | |
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# Introduction

## Jet Air-Start (JAST) and Houchin Air-Start are required to support multiple Air platforms within the UK and overseas. The Air-start system is a power source used to provide the initial rotation to start Large Aircraft engines. Appendix 1 to the Statement of Requirement (SoR) lists the Air-Start types that require spares support

# Scope

## The purpose of this SOR is to define the activities the Contractor shall undertake and the scope and content of deliverables the Contractor must provide during the provision of Spares Support of the Contract. Therefore, this SOR sets out the activities the Contractor is to undertake to deliver the requirements of Contract: 700623373.

# Requirement

## Air Commodities Airfield Support Team, hereinafter referred to as the Authority, requires the Contractor to provide:

## Spares Provision

# Spares Provision

1. Contractor shall supply Lead times and Firm prices for all spares listed in Appendix 2 for the duration of the contract to the Authority. The Contractor shall deliver the spares in accordance with the firm prices and lead times listed in the Contract.
   1. The Contractor may, by exception and where appropriate recommend a suitable alternative spare to replace an item in Appendix 2. The Contractor shall notify the Authority of any changes to the specification of the items being supplied. The Authority reserves the right to reject items which are not compliant with the technical specifications or requirements.
      1. In cases where requalification or certification are likely to be required, the contractor shall inform the Authority at the earliest opportunity.
      2. The Contractor shall, where changes may impact upon supply chain performance, time and cost, provide the Authority with an impact statement.
      3. The Contractor shall, as soon as possible, notify the Authority of any occurrence or arising which may affect the Contractor's ability to delivery and meet contractual requirements.

## The Authority will raise a Demand for the supply of spares as and when required via a 6625 Order Form and will follow the Spares Process Map at Appendix 3. The Authority will specify the delivery location on each Demand raised.

# The Contractor shall be responsible for all packaging between their premises and distribution to the Authority’s sites in accordance with the Leidos ‘Logistic Commodities and Services Transformation Manual’ (LCST). Available online at <https://www.leidos-supply.uk/sites/default/files/Team%20Leidos%20Supplier%20Manual%20V3.0.pdf> All packaging of equipment shall be in accordance with the Contract Terms and Conditions unless otherwise stated by the Authority.

# Should an Article be delivered that does not conform to the Terms and Conditions and the Leidos LCST, and a Non-Conforming Receipt (NCR) is declared the Contractor shall rectify this issue at their own cost within 5 working days of receipt of the NCR. Any Articles identified as requiring a Special to Type Container (STC) must be delivered in the STC. Any non-compliance or any damage resulting from incorrect packaging shall be assessed on a case–by-case basis utilising the MOD Form 760 process.

## The Contractor is responsible for arranging and booking MOD transport for delivery assignments in accordance with DEFCON 621A Transport (If The Authority Is Responsible For Transport). Contact details can be found in the DEFFORM 111.

## 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 (ITAR).

## When requested by the Authority, the Contractor shall deliver all information required to enable the NATO codification of the equipment in scope of the Contract in accordance with DEFCON 117 (SC2 Edn 11/17) within 14 calendar days of the request being submitted by the Authority

# Quality Assurance Requirements

## The Contractor shall comply with all Quality Assurance requirements listed in the Terms and Condition of the Contract.

# APPENDIX 1

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **NATO Stock Class** | **Nation Code** | **Item Identification Number** | **Description** | **Number of Units** |
| 1730 | 99 | 8333163 | Houchin Air Start Trolley | 21 |
| 1730 | 99 | 8738173 | Houchin Air Start Trolley | 18 |
| 1720 | 12 | 3749176 | Rheinmetall MSU200 Jet Air Start Trolley | 8 |

**\*Intentionally left blank\***

**APPENDIX 2**

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

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Line Item** | **NATO Stock Number** | | | **Description** | **Part Number** | **Class Code** | **Firm Price (VAT ex, GBP)** | | | **D of Q** | **PPQ** | **Appx DF (Lead Time Days)** |
| **NSC** | **NC** | **IIN** |  |  |  | **20/21** | **21/22** | **22/23**  **Option Year** |  |  |  |
| 1 | 6685 | 12 | 399-0330 | TEMPERATURE SENSOR, BLEED AIR, AMBIENT, OIL | 902040/10-387-1003-1-7,5-29-121-20 | C |  |  |  | Ea | 01 |  |
| 2 | 2840 | 01 | 542-5347 | BACV | 1405 13C | P |  |  |  | Ea | 01 |  |
| 3 | 6140 | 01 | 484-5373 | BATTERIES | PCM 1700 MJ | L |  |  |  | Ea | 01 |  |
| 4 | 5930 | 12 | 121-7993 | BATTERY MAIN SWITCH | 341002003 | C |  |  |  | Ea | 01 |  |
| 5 | - | - | - | DISPLAY AND CONTROL PANEL | 5100122-063000.000.0 | P |  |  |  | Ea | 01 |  |
| 6 | 5930 | 12 | 327-2308 | DOOR SWITCH | ATO-11-1-I | C |  |  |  | Ea | 01 |  |
| 7 | 2835 | 12 | 380-5206 | FADEC | 5030007-061010.000.0 | P |  |  |  | Ea | 01 |  |
| 8 | 2915 | 12 | 363-4100 | FUEL CONTROL UNIT | 5039000-031200.000.0 | P |  |  |  | Ea | 01 |  |
| 9 | 4820 | 12 | 392-0039 | PRESSURING RELIEV VALVE | 5039000-031103.000.0 | L |  |  |  | Ea | 01 |  |
| 10 | 2915 | 15 | 176-7475 | FUEL FILTER CARTRIGE | CS-050-A10-A | C |  |  |  | Ea | 01 |  |
| 11 | 4810 | 12 | 363-7103 | SOLENOID VALVE, FUEL SHUTTOFF, SCAVENGE AIR | VFG-MAX-Z226-1/2-NG-24VDC | C |  |  |  | Ea | 01 |  |
| 12 | - | - | - | FUEL LEVEL SENSOR | 7504951 | C |  |  |  | Ea | 01 |  |
| 13 | 5330 | 12 | 134-8835 | SEALING RING | EN 837 - G1/2B - SF-CU F20 | C |  |  |  | Ea | 01 |  |
| 14 | 2915 | 12 | 363-5661 | FUEL PUMP | ET5070000-071026.000.0 | L |  |  |  | Ea | 01 |  |
| 15 | 4820 | 12 | 194-1580 | FUEL SHUTTOFF VALVE | 596049-ROT | C |  |  |  | Ea | 01 |  |
| 16 | 1650 | 12 | 363-5252 | GEARBOX, Kit | ET5039000-071000.000.0 | P |  |  |  | Ea | 01 |  |
| 17 | 6115 | 12 | 365-7044 | GENERATOR, Kit | ET5039000-067000.000.0 | L |  |  |  | Ea | 01 |  |
| 18 | 5330 | 12 | 363-8636 | SHAFT SEALING RING | 00520867 - 75FKM585 | C |  |  |  | Ea | 01 |  |
| 19 | 5331 | 01 | 567-3870 | O- RING | 190x4 - Viton | C |  |  |  | Ea | 01 |  |
| 20 | 4310 | 01 | 504-4672 | IGNITOR BOX | 9048900-2D | L |  |  |  | Ea | 01 |  |
| 21 | 4310 | 01 | 504-4670 | IGNITOR PLUG | 10-630005-1 | C |  |  |  | Ea | 01 |  |
| 22 | - | - | - | PRESSURE SENSOR FOR OIL, BLEED AIR | 520.99375 | C |  |  |  | Ea | 01 |  |
| 23 | 6685 | 12 | 363-7347 | PRESSURE SENSOR FOR FUEL | 520.99251 | C |  |  |  | Ea | 01 |  |
| 24 | 5331 | 17 | 123-2565 | O-RING FOR BLEED PIPE | 102X3 V70 | C |  |  |  | Ea | 01 |  |
| 25 | - | - | - | O-RING FOR BLEED AIR HOSE | 90X3 V70 | C |  |  |  | Ea | 01 |  |
| 26 | 5330 | 12 | 156-4523 | SEALING RING | DIN7603-A14X20-CU | C |  |  |  | Ea | 01 |  |
| 27 | - | - | - | POWERHEAD | PH47-C3 REV C | P |  |  |  | Ea | 01 |  |
| 28 | - | - | - | O-RING 88X4 | 88X4FKM | C |  |  |  | Ea | 01 |  |
| 29 | - | - | - | O-RING 015(14,0X1,78) | ORAR00015AVCT82 | C |  |  |  | Ea | 01 |  |
| 30 | - | - | - | O-RING 014(12,42X1,78) | ORAR00014AVCT82 | C |  |  |  | Ea | 01 |  |
| 31 | 5905 | 01 | 519-9021 | SPEED SENSOR | IMRM16D1599 | L |  |  |  | Ea | 01 |  |
| 32 | 2910 | 01 | 318-3720 | START FUEL NOZZLE | 169111-2 | L |  |  |  | Ea | 01 |  |
| 33 | 5310 | 01 | 560-0111 | WASHER-LOCK-TABBED | 4502312 | C |  |  |  | Ea | 01 |  |
| 34 | - | - | - | STARTER, Kit | ET5990000-066000.000.0 | P |  |  |  | Ea | 01 |  |
| 35 | 5330 | 12 | 363-8085 | STARTER GASKET | 999814-851000.007.0 | C |  |  |  | Ea | 01 |  |
| 36 | - | - | - | STARTER BRUSH KIT | 5030005-851230.021.0 | C |  |  |  | Ea | 01 |  |
| 37 | 6685 | 14 | 584-1722 | EGT THERMOCOUPLE | 9480-101-22543 | C |  |  |  | Ea | 01 |  |
| 38 | 4720 | 01 | 573-2437 | DUCT/SCUFFER (50ft) | P/N 51180-50 | C |  |  |  | Ea | 01 |  |
| 39 | 4730 | 12 | 390-6042 | HOSE CLAMP | EXTRA 83-105/16 C8 W4 | C |  |  |  | Ea | 01 |  |
| 40 | 5340 | 12 | 390-6373 | VEE-CLAMP | T130117205AB3A | C |  |  |  | Ea | 01 |  |
| 41 | - | - | - | ADHESIVE TAPE | L036.1 | C |  |  |  | Ea | 01 |  |
| 42 | 4210 | 99 | 2165727 | Integrated 9Kg Dry Power Extinguisher | FS9ILPPINT |  |  |  |  |  |  |  |
| 43 | 5930 | 99 | 1480879 | Discharge Pressure Switch | FT0124/1 |  |  |  |  |  |  |  |
| 44 | 5930 | 99 | 2888050 | Monitoring Pressure Switch | FT0124 |  |  |  |  |  |  |  |
| 45 | 6350 | 99 | 5551904 | Detention Tubing 6mm per mtr | FT0115 |  |  |  |  |  |  |  |
| 46 |  |  |  | Standard commissioning kit for DLP/INT valve | FT0243/2INT |  |  |  |  |  |  |  |
| 47 | 4720 | 99 | 8415326 | Air Start Hose 40 Ft | SAL HOSE 40R |  |  |  |  |  |  |  |
| 48 | 4720 | 99 | 4399477 | Air Start Hose 60 Ft | SAL HOSE 60R |  |  |  |  |  |  |  |
| 49 | 4730 | 99 | 3091522 | Air Start Coupling | M7950-93S5 |  |  |  |  |  |  |  |
| 50 | B101 |  | 19040010 | V Clamp | ABS 15 |  |  |  |  |  |  |  |
| 51 |  |  |  | Hose Clamp | ABS1 |  |  |  |  |  |  |  |
| 52 | 6140 | 99 | 2430187 | Battery Exide GEL 12V 110AH | GF12110V |  |  |  |  |  |  |  |
| 53 | 6140 | 12 | 3426589 | Control Panel Battery | A512/1.2S |  |  |  |  |  |  |  |
| 54 | 6210 | 99 | 6873452 | LED Amber Beacon | LED401-02-01 |  |  |  |  |  |  |  |
| 55 | 6210 | 99 | 7294679 | LED Red Beacon | LED401-02-02 |  |  |  |  |  |  |  |
| 56 | 6110 | 99 | 3143379 | Control Panel Refurbishment | D13518 |  |  |  |  |  |  |  |
| 57 | 5998 | 99 | 2163541 | PCB Relay Assembly | 277-5633 |  |  |  |  |  |  |  |
| 58 | 2940 | 00 | 9407928 | Compressor Oil Filter | LF4003 |  |  |  |  |  |  |  |
| 59 | 2940 | 99 | 3514062 | Compressor Air Filter | AF989 |  |  |  |  |  |  |  |
| 60 | 3030 | 01 | 5184352 | Fan Belt 230PPM | 3681636 |  |  |  |  |  |  |  |
| 61 | 4330 | 99 | 5804138 | Fuel Filter 165PPM | FS01003 |  |  |  |  |  |  |  |
| 62 | 2910 | 99 | 3867963 | Oil Filter 165PPM | LF14000MXNN |  |  |  |  |  |  |  |
| 63 | 3030 | 99 | 4581818 | Belt Alternator 165PPM | 3290142 |  |  |  |  |  |  |  |
| 64 | 2910 | 01 | 5203411 | Fuel Filter 230PPM | FS01040 |  |  |  |  |  |  |  |
| 65 | 2940 | 01 | 5184351 | Oil Filter 230PPM | LF09070 |  |  |  |  |  |  |  |
| 66 | 3030 | 01 | 5184350 | Belt Alternator 230PPM | 3101314 |  |  |  |  |  |  |  |
| 67 | 2940 | 01 | 5185109 | Coolant Filter 230PPM | WF02126 |  |  |  |  |  |  |  |
| 68 | 2910 | 99 | 9945871 | Coolant Filter 165PPM | WF0207500 |  |  |  |  |  |  |  |
| 69 | 2940 | 99 | 6239239 | Engine Air Filter | AF01867 |  |  |  |  |  |  |  |
| 70 |  |  |  | Fuel Pressure Transducer | 756-9651  (5000BGM7000G3005A001) |  |  |  |  |  |  |  |
| 71 |  |  |  | Air Temp Transducer | 756-7803 (ATS 756-8809) |  |  |  |  |  |  |  |
| 72 |  |  |  | Air Pressure Transducer | 756-8809 (2200BGA4001B3UA001) |  |  |  |  |  |  |  |
| 73 |  |  |  | Silencer exhaust 165PPM | D13349 (TXS50TR) |  |  |  |  |  |  |  |
| 74 |  |  |  | Silencer exhaust 225PPM | D13840 (TXS60TR) |  |  |  |  |  |  |  |
| 75 |  |  |  | Pipe exhaust flexible stage 1 165 | D13366 |  |  |  |  |  |  |  |
| 76 |  |  |  | Pipe exhaust stage 2 165PPM | D13367 |  |  |  |  |  |  |  |
| 77 |  |  |  | Pipe exhaust stage 3 165PPM | D13369 |  |  |  |  |  |  |  |
| 78 |  |  |  | Tail pipe exhaust stage 4 165PPM | D13370 |  |  |  |  |  |  |  |
| 79 |  |  |  | Rain Cap 5” 165PPM | B084-3101 |  |  |  |  |  |  |  |
| 80 |  |  |  | Lagging | 575-0347 |  |  |  |  |  |  |  |
| 81 |  |  |  | Clamp Set |  |  |  |  |  |  |  |  |
| 82 |  |  |  | Pipe, exhaust, flexible stage 1 230PPM | D13357 |  |  |  |  |  |  |  |
| 83 |  |  |  | Pipe exhaust stage 2 230PPM | D13358 |  |  |  |  |  |  |  |
| 84 |  |  |  | Pipe exhaust stage 3 230PPM | D13863 |  |  |  |  |  |  |  |
| 85 |  |  |  | Tail pipe exhaust stage 4 230PPM | D13864 |  |  |  |  |  |  |  |
| 86 |  |  |  | Rain Cap 6” 230PPM | B084-3101 |  |  |  |  |  |  |  |
| 87 |  |  |  | Lagging | 575-0347 |  |  |  |  |  |  |  |
| 88 |  |  |  | Clamp Set |  |  |  |  |  |  |  |  |
| 89 |  |  |  | Taper Roller Bearing 368A/362A, 50.8mm I.D, 88.9mm O.D | Timkin 368A/362A |  |  |  |  |  |  |  |
| 90 |  |  |  | Taper Roller Bearing 30209 J2/Q, 45mm I.D, 85mm O.D | SKF 30209 J2/Q |  |  |  |  |  |  |  |
| 81 |  |  |  | RS Pro 2A Glass Cartridge Fuse, T, 5 x 20mm | 757-3268 (19195 2A) |  |  |  |  |  |  |  |
| 92 |  |  |  | RS Pro 5A Glass Cartridge Fuse, T, 5 x 20mm | 757-3276 (19195 5A) |  |  |  |  |  |  |  |
| 93 |  |  |  | RS Pro 10A Glass Cartridge Fuse, T, 5 x 20mm | 757-3284 (50T100H) |  |  |  |  |  |  |  |
| 94 |  |  |  | Polyurethane Air Hose 20m Blue o/s 10mm, i/s 6.5mm | TUS1065BU-20 |  |  |  |  |  |  |  |
| 95 |  |  |  | Wheel nuts (5/8 UNF) | WRAP023 |  |  |  |  |  |  |  |
| 96 |  |  |  | Regulator Slave | 843-7683 (VY1100-101-BN) |  |  |  |  |  |  |  |
| 97 |  |  |  | Gas Spring Push Type 470N | 883-6017 (01-10230300-258) |  |  |  |  |  |  |  |
| 98 |  |  |  | Tyre | 861-2851 (23x10-12 T900 20pr) |  |  |  |  |  |  |  |
| 99 |  |  |  | Rim | 861-2851 (8.00-12 5 stud Ind whee)l |  |  |  |  |  |  |  |
| 100 |  |  |  | Tyrfil to suit 23x10-12 | 861-2851 |  |  |  |  |  |  |  |
| 101 |  |  |  | Transducer Air Inlet Depression/Restriction Transducer Air Filter | 756-6205 |  |  |  |  |  |  |  |
| 102 |  |  |  | Microswitch Outlet Valve Sencing | 755-3547 |  |  |  |  |  |  |  |
| 103 |  |  |  | Circuit Breaker 16A | 755-7216 |  |  |  |  |  |  |  |
| 104 | 5930 | 99 | 7023607 | Emergency Stop | D035-10050055 |  |  |  |  |  |  |  |

**Appendix 3**

**SPARES PROCESS FLOW – ACQUISITION REQUEST – MANUAL PROCESS NON- ELECTRONIC PAYMENT**

Contractor receives Email containing MOD order form 6625.

Contractor to sign the MOD order form and return to the MOD via email

Items ready for dispatch, with 650 forms and packaging labels attached. (Refer to Logistic Commodities and Services Transformation Manual LCST)

Diversion order received.

(MOD FORM 199)

Was the diversion order Pty 01, 02, 05 or 09?

Contractor to request freight collection via freightcollection.com – arrange for item to be delivered to demanding Unit/Depot

No

Yes

Raise DEFORM 621A in accordance with guidance on freightcollection.com – arrange for item to be delivered to demanding Unit/Depot

Item receipted at Unit/Depot, contractor received 650 forms.

­ Contractor to email mauve 650 forms to MOD monthly as well as supplying a monthly in arrears invoice.

MOD to upload monthly in arrears invoice onto CP&F/Exostar.

Once 3-way match is confirmed payment in completed.

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