**SCHEDULE 10 –**

**Technical Evaluation Criteria**

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| Requirement Title: | Military Flight Planning Software |

**Instructions**

This document details the criteria against which the bids from Industry which have been submitted to fulfil a Statement of Requirement (SoR) will be assessed.

**Marking Method**

There are two predefined marking methods; Scored and Pass / Fail. These two are detailed in the tables below.

**Table 1 - Scored**

| **Mark** | **Proposed Solution** |
| --- | --- |
| 100 | High Confidence  The Tender shows **all** of the following:  1. The Tenderer has demonstrated that the solution is fully deliverable; evidence for this:   * Clearly and comprehensively details how the capability will be delivered. * Complies with all standards detailed in the criteria whilst recognising and mitigating all constraints. * Shows effective and efficient use of resources.   2. Any effects on the Authority resulting from the Tenderer’s solution are acceptable. |
| 80 | Good Confidence  The Tender shows **all** of the following:  1. The Tenderer has demonstrated that the solution is fully deliverable; evidence for this:   * Highly details how the capability will be delivered. * Complies with necessary standards detailed in the criteria whilst recognising and mitigating key constraints. * Show efficiencies in the use of resources.   2. Any effects on the Authority resulting from the Tenderer’s solution are acceptable. |
| 60 | Satisfactory  The Tender shows **all** of the following:  1. The Tenderer has demonstrated that the solution is fully deliverable; evidence for this:   * Details how the capability will be delivered. * Complies with necessary standards detailed in the criteria and recognises key constraints. * Shows limited efficiencies in the use of resources.   2. Any effects on the Authority resulting from the Tenderer’s solution are acceptable. |
| 40 | Minor Concerns  The Tender shows **any** of the following:  1. The Tenderer has only partially demonstrated that the solution is deliverable; evidence for this:   * Incomplete details how the capability will be delivered. * Only complies with necessary standards detailed in the criteria but does not recognise key constraints. * Does not clearly show efficiencies in the use of resources.   2. Some effects on the Authority resulting from the Tenderer’s solution are undesirable. |
| 20 | Major Concerns  The Tender shows **any** of the following:  1. The Tenderer has failed, or only partially, demonstrated that the solution is deliverable; evidence for this:   * Fails to detail how the capability will be delivered. * Fails to comply with minimum necessary standards detailed in the criteria and does not recognise key constraints. * Fails to identify any efficiency in the use of resources.   2. Any effects on the Authority resulting from the Tenderer’s solution are unacceptable. |
| 0 | Fail  No response provided. |

**Table 2 - Pass / Fail**

| **Mark** | **Proposed Solution** |
| --- | --- |
| Pass | The Tender shows **all** of the following:  1. The Tenderer has demonstrated that the solution is fully deliverable; evidence for this:   * Details how the capability will be delivered. * Complies with necessary standards detailed in the criteria and recognises key constraints. * Shows efficiencies in the use of resources.   2. Any effects on the Authority resulting from the Tenderer’s solution are acceptable. |
| Fail | The Tender shows **any** of the following:  1. The Tenderer has failed, or only partially, demonstrated that the solution is deliverable; evidence for this:   * Vaguely details how the capability will be delivered. * Only complies with necessary standards detailed in the criteria but does not recognise key constraints. * Does not clearly show efficiencies in the use of resources.   2. Some effects on the Authority resulting from the Tenderer’s solution are undesirable. |

**Table 3 – Pass / Fail**

**(Criterion 13-Social Value)**

| **Mark** | **Proposed Solution** |
| --- | --- |
| Pass | Good: (meets the Award Criteria)The response broadly meets what is expected for the criteria. There are no significant areas of concern, although there may be limited minor issues that need further exploration or attention later in the procurement process. The response therefore shows:  - Good understanding of the requirements as set out in the Sub-Criteria.  - Sufficient competence demonstrated through relevant evidence.  - Some insight demonstrated into the relevant issues.  - The response addresses most of the social value policy outcome and also shows general market experience. |
| Fail | Fail: the response completely fails to meet the required standard or does not provide a proposal. |

For Scored marking, any mark of 40 or below will result in the bid from Industry being non-compliant. For Pass / Fail marking, a mark of Fail will result in the bid from Industry being non-compliant.

**Proposed Criteria for Requirement**

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| Criterion Number: |  |
| Criterion: | Demonstrate that the bid will provide software to support all flight planning related activities of the RAF AT/AAR, ISTAR and FT Fleets and RAFAT. Must deliver end to end functionality from task inception to completion. |
| Statement of Requirement (SoR) Reference: | B1.1 |
| Marking Method: | Scored |

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| Criterion Number: |  |
| Criterion: | Demonstrate you can deliver worldwide 24/7 electronic access to flight planning capabilities through secure Internet connection. |
| SoR Reference: | B.1.2 |
| Marking Method: | Scored |

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| Criterion Number: |  |
| Criterion: | Demonstrate that all functional areas to be fully integrated. Data sharing and data migration between functional areas to be invisible to user. |
| SoR Reference: | B.1.3 |
| Marking Method: | Scored |

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| Criterion Number: |  |
| Criterion: | Demonstrate you can deliver sufficient software licences to support the user community. |
| SoR Reference: | B.1.4 |
| Marking Method: | Pass / Fail |
| Weighting: | Pass |

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| Criterion Number: |  |
| Criterion: | Demonstrate you can provide automatic alert notifications, colour coded warnings to alert to changes within the full spectrum of flight planning, using 'attention getters' for any user action that would result in a flight planning solution that contravenes 2Gp Ops Manual |
| SoR Reference: | B.1.5 |
| Marking Method: | Scored |

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| Criterion Number: |  |
| Criterion: | Demonstrate that the system must be capable of ingesting ARINC and/or DAFIF worldwide navigation databases. |
| SoR Reference: | B.2.1 |
| Marking Method: | Scored |

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| Criterion Number: |  |
| Criterion: | Demonstrate you can deliver a detailed and fully editable database of airfields. Download can be provided from exiting system as a start point. |
| SoR Reference: | B.2.2 |
| Marking Method: | Scored |

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| --- | --- |
| Criterion Number: |  |
| Criterion: | Demonstrate you can deliver a detailed and fully editable database of user aircraft fleets. Download can be provided from exiting system as a start point. |
| SoR Reference: | B.2.3 |
| Marking Method: | Scored |

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| Criterion Number: |  |
| Criterion: | Demonstrate you can provide platform specific military patterns and profiles. Download can be provided from exiting system as a start point. |
| SoR Reference: | B.2.4 |
| Marking Method: | Scored |

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| Criterion Number: |  |
| Criterion: | Demonstrate the ability to incorporate tactical air navigation (TACAN) routes and military routes defined in the US Department of Defence (DoD) DAFIF Database. |
| SoR Reference: | B.2.5 |
| Marking Method: | Pass / Fail |

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| Criterion Number: |  |
| Criterion: | Demonstrate you can deliver the facility to run and submit flight plans using client software downloaded onto PC utilizing a fully comprehensive software suite. |
| SoR Reference: | B.3.1 |
| Marking Method: | Scored |

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| Criterion Number: |  |
| Criterion: | Demonstrate you can deliver the facility to run and submit flight plans utilizing an on-line version requiring a web-login only and no client software. This facility should provide, as a minimum, basic flight planning and crew briefing facility for use by aircrew. |
| SoR Reference: | B.3.2 |
| Marking Method: | Scored |

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| Criterion Number: |  |
| Criterion: | Demonstrate you can provide the ability to check and file flight plans and obtain valid CFMU approved routings with automatic 4D capability encompassing the Eurocontrol Route Availability Document (RAD). |
| SoR Reference: | B.3.3. |
| Marking Method: | Scored |

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| Criterion Number: |  |
| Criterion: | Demonstrate you can provide a facility to run and store flight plans for submission at a later date. |
| SoR Reference: | B.3.4 |
| Marking Method: | Scored |

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| Criterion Number: |  |
| Criterion: | Demonstrate you can provide a facility to pre-submit flight plans based on a timed auto release. |
| SoR Reference: | B.3.5 |
| Marking Method: | Scored |

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| Criterion Number: |  |
| Criterion: | Demonstrate you can provide meteorological data from recognised provider of aviation meteorological information in a suitable format for operations and aircrew pre-flight briefing to include METAR, TAF & graphical printable weather displays for winds aloft, significant weather, icing and other weather formats and warnings. |
| SoR Reference: | B.3.6. |
| Marking Method: | Scored |

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| Criterion Number: |  |
| Criterion: | Demonstrate you can provide NOTAMs for operations and aircrew pre-flight planning from recognised provider of aviation NOTAMs |
| SoR Reference: | B.3.7 |
| Marking Method: | Scored |

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| Criterion Number: |  |
| Criterion: | Demonstrate you can provide platform specific, meteorologically optimized flight plans, using the most fuel or time efficient routes and altitudes that include the full integration of international route structures, SIDs, STARs and Global Positioning System (GPS) procedures. |
| SoR Reference: | B.3.8 |
| Marking Method: | Scored |

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| Criterion Number: |  |
| Criterion: | Demonstrate you can provide the capability to use historical /statistical meteorological data for planning purposes. Historical meteorological information should be provided from recognised provider of aviation meteorological information. |
| SoR Reference: | B.3.9 |
| Marking Method: | Scored |

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| Criterion Number: |  |
| Criterion: | Demonstrate you can provide the ability to optimise the output of a flight plan based on aircraft payload. |
| SoR Reference: | B.3.10 |
| Marking Method: | Scored |

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| Criterion Number: |  |
| Criterion: | Demonstrate you can provide the ability to perform platform specific fuel and payload onloads and offloads down to low-level (500ft). |
| SoR Reference: | B.3.11, B.3.12 |
| Marking Method: | Scored |

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| Criterion Number: |  |
| Criterion: | Demonstrate you can provide the ability to auto-avoid designated countries and areas as defined in the SOR |
| SoR Reference: | B.3.13, B.3.14 |
| Marking Method: | Scored |

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| Criterion Number: |  |
| Criterion: | Demonstrate you can provide the output of an electronic crew briefing tailored to the user requirement. |
| SoR Reference: | B.3.15, B.3.16 |
| Marking Method: | Scored |

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| Criterion Number: |  |
| Criterion: | Provide the ability to perform Equal Time Point (ETP) and Extended Twin Engine Operations (ETOPs) calculations. |
| SoR Reference: | B.3.17 |
| Marking Method: | Scored |

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| Criterion Number: |  |
| Criterion: | Provide the ability to optimise the use of stored aircraft fleet and route information with the flexibility to adjust the output for automatic optimisation. |
| SoR Reference: | B.3.18 |
| Marking Method: | Scored |

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| Criterion Number: |  |
| Criterion: | Provide the ability to upload, update and store specific aircraft performance data. As a minimum. MTOW, Fuel Load, Fuel burn rates, Equipment Fits, Aircraft configuration. More details can be provided on request, download of data currently used can be made available. |
| SoR Reference: | B.3.19 |
| Marking Method: | Scored |

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| Criterion Number: |  |
| Criterion: | Demonstrate you have the ability to upload, update and store specific aircraft flight plan data. Data required to be all fields and data formats of standard flight plan. |
| SoR Reference: | B.3.20 |
| Marking Method: | Scored |

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| Criterion Number: |  |
| Criterion: | Demonstrate you can upload and update flight planning data into platform specific Advanced Mission Planning Aids (AMPA) and Mission Planning and Resolution System. Data required to be all fields and data formats of standard flight plan. |
| SoR Reference: | B.3.21 |
| Marking Method: | Scored |

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| Criterion Number: |  |
| Criterion: | Provide the capability to interface with the Brize Norton Operational Control Suite (BOCS), or any replacement system. |
| SoR Reference: | B.3.23 |
| Marking Method: | Scored |

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| Criterion Number: |  |
| Criterion: | Demonstrate you can deliver the capability of integrating with electronic AI products to produce a full mission briefing capability. |
| SoR Reference: | B.3.24 |
| Marking Method: | Scored |

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| Criterion Number: |  |
| Criterion: | Demonstrate you can deliver a fully comprehensive and on-going flight planning training programme relevant to the needs of the RAF and produce software user guides, database administration guides. |
| SoR Reference: | B.4.2, B.4.1 |
| Marking Method: | Scored |

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| Criterion Number: |  |
| Criterion: | Demonstrate you can deliver a system to run concurrently with the current application for a minimum period of 3 months. |
| SoR Reference: | B.4.3 |
| Marking Method: | Pass / Fail |
| Weighting: | Pass |

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| Criterion Number: |  |
| Criterion: | Demonstrate you can migrate all historic flight planning data from the current system. Data types and volume can be provided as required |
| SoR Reference: | B.4.4 |
| Marking Method: | Pass / Fail |
| Weighting: | Pass |
| Criterion Number: |  |
| Criterion: | Demonstrate you can provide 24/7 support and advice for system, operational and technical information issues, contactable by telephone and email.  Response from helpdesk to be immediate to log calls. Resolution will be dependent upon complexity of the issue. Service should be denied no more than 12 hours. Provide progress reports and meet with the Authority to discuss the IT support system on a regular basis. |
| SoR Reference: | B.4.5, B.4.6 |
| Marking Method: | Scored |

**Social Value Questions**

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| Criterion Number: |  |
| Criterion: | Demonstrate action to identify and manage cyber security risks in the delivery of the contract including in the supply chain. |
| SoR Reference: | N/A |
| Marking Method: | Pass / Fail (Table 3) |

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| --- | --- |
| Criterion Number: |  |
| Criterion: | Influence staff, suppliers, customer and communities through the delivery of the contract to support environmental protection and improvement. |
| SoR Reference: | N/A |
| Marking Method: | Pass / Fail (Table 3) |
| Criterion Number: |  |
| Criterion: | Support in-work progression to help people, including those from disadvantaged or minority groups, to move into higher paid work by developing new skills relevant to the contract. |
| SoR Reference: | N/A |
| Marking Method: | Pass / Fail (Table 3) |