**Statement of Requirement 704408451**

**The Provision of a JTAC Accredited Synthetic Trainer for the Royal Air Force Regiment, Air Land Integration Cell**

| Ref | Requirement | | | |
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| **A** | **General Requirements** | | | |
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| **A.1**  A.1.a | **Scope of Requirement**  The provision of a Joint Terminal Attack Controller accredited Synthetic Trainer for the RAF Regiment Air Land Integration Cell, RAF Coningsby. The Synthetic Trainer shall be accredited / approved by the Joint Air Liaison Organisation. | | | |
| A.1.b  A.1.c  A.1.d  A.1.e | Joint Terminal Attack Controllers (JTACs) are required to maintain currency in accordance with JSP 918. The JSP allows 6 controls over a 12-month period to be completed in an accredited simulator[[1]](#footnote-1) with SQEP operators that are accredited by JALO. Synthetic training is the mainstay of currency training as it is not affected by weather, programming or engineering.  The contract awarded will be subject to competition and not awarded on a single source basis.  Contract / ITT reference: APS0314: 704408451  The Project Tram is the Air Land Integration Cell. The Senior Responsible Owner/Designated Officer or equivalent is Flt Lt J Lockhart (Operations Officer Air Land Integration Cell). | | | |
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| **A.2** | **Definitions** | | | |
| A.2.a | In addition to the definitions detailed in the Terms and Conditions of the Contract the following definitions shall also apply. Where the definitions below contrast to those detailed in the Terms and Conditions of the Contract then the definitions within the Terms and Conditions of the Contract shall take precedence. | | | |
|  | Definition | Interpretation | | |
|  | Contractor’s Personal Use | Any use of MOD furnished property, facilities or equipment intended for the primary benefit of the Contractor or the Contractor’s Personnel which is contrary to the MOD’s interests is considered personal use. | | |
|  | Contractor’s Personnel | Any employees, including sub-contractors or other agents working on behalf of the Contractor, shall be deemed the Contractor’s Personnel. | | |
|  | Designated Officer | The Designated Officer is the MOD representative responsible for the Requirement and is as defined at Box 2 of DEFFORM 111 of this Contract. | | |
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| **A.3** | **Abbreviations and Acronyms** | | | |
| A.3.a | In addition to the abbreviations and acronyms detailed in the Terms and Conditions of the Contract the following abbreviations and acronyms will be used. | | | |
|  | Abbreviation or Acronym | Interpretation | | |
|  | AOC | Air Officer Commanding | | |
|  | DII | Defence Information Infrastructure | | |
|  | DII(F) | Defence Information Infrastructure (Future) | | |
|  | DO  FAC(A)  JALO  STANEVAL  JFS ESC  JTAC  MOA | Designated Officer  Forward Air Controller (Airborne)  Joint Air Liaison Organisation  Standards and Evaluations  Joint Fire Support Executive Steering Committee  Joint Terminal Attack Controller  Memorandum of Agreement | | |
|  | MOD  NATO | Ministry of Defence  North Atlantic Treaty Organisation | | |
|  | OC | Officer Commanding | | |
|  | RAF | Royal Air Force | | |
|  | SC | Security Check | | |
|  | SoR  SQEP  TAC | Statement of Requirement  Suitably Qualified and Experienced Personnel  Terminal Attack Control | | |
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| **A.4** | **References** | | | |
| A.4.a | In addition to the references detailed in the Terms and Conditions of the Contract the following references shall also apply as well as any subsequent revisions and amendments to the references. This list does not absolve the Contractor from conforming to any other relevant publications. | | | |
|  | Reference | | Version | Source |
|  | Data Protection Act 2018 | | 2018 c. 12 | <http://www.legislation.gov.uk/ukpga/2018/12/contents/enacted> |
|  | Joint Terminal Attack Controller policy JSP 918  JSP 375 Management of Health and Safety in Defence – Directive & Guidance | | V4.1 dated 1 Jul 20  Version 1.2 Oct 2020 | *Internal to MoD only cannot be shared externally*  <https://www.gov.uk/government/collections/jsp-375-health-and-safety-handbook#:~:text=JSP%20375%20is%20the%20corporate,health%20and%20safety%20within%20defence>*.* |
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| **A.5** | **Processes and Related Taskings** | | | |
| A.5.a | Joint Fires Synthetic Trainer was due to enter service in 2022 to provide a synthetic trainer for JTAC currency controls. This project has been significantly delayed and is not due to enter service until 2023. There is also no funding for a SQEP Operators, meaning it cannot be utilised to gain currency controls. | | | |
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| **A.6** | **Site** | | | |
| A.6.a | The simulator will be required at the following locations:  DIO Holbeach Air Weapons Range, Durhams Road, Dawsmere. Spalding, Lincs, PE12 9NJ.  DIO Donna Nook Air Weapons Range, North Somercotes, Louth, Lincs, LN11 7PB.  MOD Fendom, Tain, Ross-shire, Scotland, IV19 1FG.  MOD St Athan, Barry, Wales, CF62 4WA.  RAF Coningsby, Baxter Close, Coningsby, Lincolnshire LN4 4TG.  RAF Honington, Bury St Edmunds, Suffolk, IP31 1EE.  RAF Leeming, Northallerton, North Yorkshire, DL7 9NJ.  RAF Lossiemouth, Lossiemouth, Moray, Scotland, IV31 6SD.  RAF Marham, Marham, Upper Marham, King's Lynn PE33 9NP.  RAF Spadeadam, Gilsland, Brampton CA8 7ATSculthorpe Training Area, Norfolk.  Stanford Training Area, STANTA, West Tofts Camp, Thetford, Norfolk, IP26 5EP  Salisbury Plain Training Area, Tilshead, Salisbury, Wiltshire, SP3 4RS.  Weybourne Camp A149 The Street Weybourne, Holt, NR25 7EH. | | | |
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| **A.7** | **Security** | | | |
| A.7.a | The Contractor is to ensure that all the Contractor’s Personnel have Security Check (SC) clearance. Where the Contractor’s Personnel does not have Security Scheck (SC) clearance that individual will not be allowed access to MOD facilities. | | | |
| A.7.b | The contractor is to have SC clearance to allow Tactics, Techniques and Procedures to be discussed in line with current operational policy. | | | |
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| **A.8** | **Site Access** | | | |
| A.8.a | To access MOD establishments and training areas, a member of Air Land Integration Cell will be required to book the contractor onto the area. The contractor will then be issued with a temporary unescorted pass. Photo Identification will be required by Contractor’s personnel to access all locations listed at A.6.a. | | | |
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| **A.9** | **Safety and Environmental Provisions** | | | |
| A.9.a | When on the Site the Contractor is to comply with all MOD Safety, Health and Environmental Protection regulations and policy. | | | |
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| **A.10** | **Hours of Operation and Times of Delivery** | | | |
| A.10.a | All services shall be delivered between the hours of 08:00 - 21:00 on weekdays and weekends. | | | |
| **A.11**  A.11.a  A.11.b  A.11.c  A.11.d  A.11.e  A.11.f  A.11.g  A.11.h  A.11.i  A.11.j  A.11.k  **A.12** | **Quality Requirements**  As mandated by national and international TAC Policy, the UK Joint Air Land Organisation (JALO) is required to hold Partner Nation recognised accreditation of its Terminal Attack Control (TAC) simulation devices. The current UK accredited Synthetic simulators with JALO accreditation are included at Table 7, Appendix 1 to Annex D to JSP 918 Part 1 Chapter 4.  Any simulator service solution needs to have flexibility to adapt to the User’ Adjustable training Forecast of Events (FoE), which can change due to operational requirements. The minimum notice for a change of delivery venue (within the UK) or date period is expected to be not less than 7 days from the planned day of delivery for the User.  Standard of performance control elements available for currency and Terminal Attack Control requirements are listed under deliverable requirements at B. below.  Establishment for the Synthetic simulator is to be Mobile.  Use of the Synthetic simulator is to be for Advanced JTAC Training and Currency  No specific Quality Management System requirements are defined. This does not relieve the Supplier of providing conforming products under this contract.  No Deliverable Quality Plan is required reference DEFCON 602B 12/06.  Any contractor working parties shall be provided in accordance with Def Stan. 05-061 Part 4, Issue 4 - Quality Assurance Procedural Requirements - Contractor Working Parties.  For guidance on the application and interpretation of AQAPs refer to the appropriate AQAP Standards Related Document (SRD).  Where GQA is performed against this contract it will be in accordance with AQAP 2070 Edition B Version 4.  Adherence to DEFCON 608 – Access and Facilities to be Provided by The Contractor  **Contract Monitoring** | | | |
| A.12.a | For the purposes of contract monitoring, representatives of the Contractor will routinely report to the Designated Officer on the performance of the Contract. | | | |
| A.12.b | The Contractor is responsible for the performance of the Contract by any sub-contractors or other agents working on behalf of the Contractor. The Contractor is to deal with any issues relating to any sub-contractors or other agents working on behalf of the Contractor, this however does not exclude sub-contractors or other agents working on behalf of the Contractor from attending any Contract Monitoring meeting or contributing to any report where it is appropriate for such sub-contractors or other agents to do so. | | | |
| A.12.c | If any sub-contractors or other agents working on behalf of the Contractor are found unsuitable, for whatever reason, the Contractor is to engage with the relevant sub-contractors or other agents to broker a resolution. | | | |
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| **A.13** | **Personnel Qualification Requirements and Training** | | | |
| A.13.a | The Contractor’s Personnel require the qualifications detailed at Annex B. | | | |
| A.13.b | The Contractor is responsible for the sourcing of the appropriate training for the Contractor’s Personnel unless otherwise noted at Annex B. Where the MOD is delivering the training then the Contractor and Contractor’s Personnel are to quote the Contract Reference Number and relevant Commercial Officer when booking any training for verification of the validity of training need under the Contract. | | | |
| A.13.c | The Contractor is responsible for all costs for training of the Contractor’s Personnel in order to meet their obligations under the Contract unless otherwise noted at Annex B. | | | |
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| **A.14** | **Certification and Accreditation** | | | |
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| A.14.a  A.14.b  A.14.c  A.14.d | For the purposes of maintaining annual currency, JTACs and FAC(A)s must use a NATO/JFS ESC accredited synthetic trainer to complete up to 6 of the annual currency controls (3 per 6 months). JALO STANEVAL Formal Assurance Visits will include an assessment of how Units optimise, manage and train with synthetic training facilities within their overall annual training plan. Accreditation caveats will vary from system to system, dependant on synthetic capability. Beyond minimum training and currency requirements, the maximum use of synthetic training facilities is to be encouraged.  JALO STANEVAL will only accredit Synthetic Training Providers who are on a Defence Programme requiring accreditation in order to meet their contracted agreement.  As mandated by national and international TAC Policy, the UK Joint Air Land Organisation (JALO) is required to hold Partner Nation recognised accreditation of its Terminal Attack Control (TAC) simulation devices. In the first instance, Self-assessment accreditation is conducted by JALO, which is followed by formal accreditation conducted by a US/NATO Combined Standardisation Team.  Partner Nations for TAC includes all 28 NATO countries and US MOA Signatories. | | | |

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| **B** | **Deliverable Requirements** |

| Ref | Requirement | Additional Information | Quantity | Standard of Performance |
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| *B.1* | *Provision of an accredited Synthetic Trainer who are on a Defence Programme with accreditation from JALO for the purposes of maintaining annual currency.* | *In accordance with the US JTAC MOA (2017), the tasks that will be achieved to facilitate the terminal attack control requirements are outlined in JSP 918.*  *All Sim activities will be standardised and assured by UK JALO STANEVAL to ensure compliance with the accreditation*  *requirements stipulated.*  *JTACs must use a NATO/JFS ESC accredited synthetic trainer to complete up to 6 of the annual currency controls (3 per 6 months).* | *20 days total per annum (5 x days exercise (Twice every 6 months)).* | *JALO STANEVAL will only accredit Synthetic Training Providers who*  *are on a Defence Programme requiring accreditation to meet their contracted agreement.*  *Adhere to Joint Air Land Organisation (JALO) accreditation procedures.* |
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| *B.2* | *Control Elements Available for*  *Currency* | *A blend of both policy and device capability dictates what can be claimed for TAC certification and currency.* |  | *Terminal Attack Control requirements:*  *Type 1,*  *Type 2,*  *Type 3,*  *Bomb on Coordinate and Bomb on Target,*  *Simulate Fixed Wing CAS aircraft,*  *Simulate Rotary wing CAS aircraft,*  *LASER Mark,*  *LASER Designation,*  *Emulate an IR pointer to mark a target and establish Friendly Forces*  *Position,*  *Simulate a remote observer or FAC(A),*  *Video Downlink (VDL),*  *Low Level,*  *Suppression of Enemy Air Defence,*  *Urban,*  *Night.* |
| *B.3*  *B.4* | *In order to log successful controls, the synthetic training environment must be operated by suitably qualified and experienced personnel.*  *The general scope of the Contract requires a provider who is able to emulate UK and*  *other Nations’ CAS and ISR platforms, aircrew tactics and procedures* | *Personnel who have received training in CAS TTPs and have demonstrated proficiency in a practical*  *evaluation by JALO STANEVAL.*  *The Contractor shall be able to emulate JTAC Surveillance devices as*  *follows:* |  | *Personnel must meet one of the following criteria:*  *Serving CAS CR/LCR qualified aircrew from any CAS capable platform*  *authorised to operate a UK accredited simulator.*  *Ex-Military CAS CR/LCR qualified aircrew from any CAS capable platform*  *authorised to operate a UK accredited simulator.*  *Suitably trained personnel who have demonstrated proficiency to be able*  *to emulate aircrew in the CAS role and have been accredited to do so by JALO*  *STANEVAL.*  *Currently accredited systems are detailed at Appendix 1. The UK will*  *follow accreditation criteria detailed in the US MOA Appendix B, enclosure 3.*  *Interim accreditation following these criteria is to be conducted by JALO*  *STANEVAL.*  *Operate in accordance with current policy governing CAS, ISR, Battlespace*  *Management (BM) and Joint Fires Integration (JFI).*  *Emulate voice procedure and tactics for NATO operated CAS and ISR*  *platforms.*  *Accurately simulate weapon delivery profiles for in-service UK and US air surface weapons.*  *Laser Target designator*  *Laser Spotter Binos.*  *Military Binos*  *IR Pointer (Izlid 1000)*  *IR/ Day TV Range Finder (In service, JIM LR/ LRTV as part of Firestorm).*  *Mil GPS (In service DAGR).*  *Target Generation system (Cat 2) – Currently achieved with Firestorm* |
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**Annex B**

**Personnel Qualification Requirements and Training**

| **Qualification or Training** | **Relevant Item(s) of the SoR** | **Responsibility for Delivery of the Qualification or Training** | **Responsibility for** **Payment of the Qualification or Training** |
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| In order to log successful controls, the aircraft or synthetic training environment must be operated by suitably qualified and experienced  personnel. For the purpose of this policy, personnel must meet one of the following criteria and in the case of contract air providers, be accredited by JALO. | N/A | FAC STANEVAL JALO | The Contractor is responsible for all costs for training of the Contractor’s Personnel in order to meet their obligations under the Contract. |
| Serving CAS CR/LCR qualified aircrew from any CAS capable platform authorised to operate a UK accredited simulator. | N/A | FAC STANEVAL JALO | The Contractor is responsible for all costs for training of the Contractor’s Personnel in order to meet their obligations under the Contract. |
| Ex-Military CAS CR/LCR qualified aircrew from any CAS capable platform authorised to operate a UK accredited simulator. | N/A | FAC STANEVAL JALO | The Contractor is responsible for all costs for training of the Contractor’s Personnel in order to meet their obligations under the Contract. |
| Suitably trained personnel who have demonstrated proficiency to be able to emulate aircrew in the CAS role and have been accredited to do so by JALO STANEVAL102. | N/A | FAC STANEVAL JALO | The Contractor is responsible for all costs for training of the Contractor’s Personnel in order to meet their obligations under the Contract. |
| Currently accredited systems are detailed at Appendix 1. The UK will follow accreditation criteria detailed in the US MOA Appendix B, enclosure 3. Interim accreditation following these criteria is to be conducted by JALO STANEVAL. | N/A | FAC STANEVAL JALO | The Contractor is responsible for all costs for training of the Contractor’s Personnel in order to meet their obligations under the Contract. |

1. Joint Air Liaison Organisation conducts annual evaluations of Close Air Support simulators. [↑](#footnote-ref-1)