3.1.2 employment history;

3.1.3 unspent criminal convictions; and

3.1.4 right to work,

as detailed in the HMG Baseline Staff Security Standard (https://www.gov.uk/government/publications/government-baseline-personnel-security-standard), as may be amended or replaced by the Government from time to time.

3.2 The Supplier and Buyer shall agree on a case by case basis which Supplier Staff roles require specific government National Security Vetting clearances (such as 'SC') including but not limited to system administrators with privileged access to IT systems which store or Process Government Data.

3.3 The Supplier shall prevent Supplier Staff who have not yet received or are unable to obtain the security clearances required by this Paragraph 3 from accessing systems which store, process, or are used to manage Government Data, or from accessing Buyer Premises, except where agreed with the Buyer in writing.

3.4 All Supplier Staff that have the ability to access Government Data or systems holding Government Data shall undergo regular training on secure information management principles. Unless otherwise agreed with the Buyer in writing, this training must be undertaken annually. Details of training completion for all Supplier Staff shall be retained by the Supplier.

3.5 Supplier Staff shall be granted only those permissions necessary for them to carry out their duties. When Supplier Staff no longer need such access or leave the Supplier organisation, their access rights shall be revoked within 1 Working Day and the Supplier shall notify the Buyer of the same.

4 Exclusions and Application of Annexes

4.1 Nothing in this Schedule shall act to override the Supplier's obligation to Process Government Data and Personal Data in accordance with the Core Terms and each relevant Statement of Work. For the avoidance of doubt, unless authorised by the Buyer in writing, nothing in this Schedule shall permit the Supplier to remove any Government Data or Personal Data from the Buyer's system.

4.2 The Supplier shall comply with the terms of this Schedule (and any other reasonable cyber security requirements relating to the Deliverables notified to the Supplier by the Buyer from time to time), save where the Buyer specifies in the Order Form that a requirement does not apply or is amended in any way.

4.3 At all times, the Supplier shall apply Good Industry Practice with regard to the information and cyber security measures it is required to implement under this Schedule and shall ensure it remains up to date with regard to emerging cyber security practice.

4.4 The Supplier shall document the manner in which it complies with all relevant controls as laid out in this Schedule. This evidence shall be made available for Buyer review in order to assure the ongoing compliance with the requirements laid out herein. The

Supplier shall make available such Supplier Staff and resources as are necessary to facilitate the Buyer's review of this information in a timely manner.

4.5 Save where the Buyer specifies in the Order Form that a requirement does not apply or is amended in any way, in addition to the terms set out above:

4.5.1 Annex 1 and Annex 2 shall also apply where the Supplier (and/or its Subcontractors) are designing systems that will Process Government Data, or are processing any Government Data (on either the Buyer's system or the Supplier's or Subcontractor's own systems);

4.5.2 Annex 1, Annex 2, Annex 3 and Annex 4 shall also apply where the Supplier (or its Subcontractors) are processing Government Data on the Supplier's or Subcontractor's own systems.

4.6 The requirements of Annexes 1 to 4 shall apply automatically based on the nature of the activities being undertaken by the Supplier, however the Buyer may indicate in its Order Form if any Annex shall be disapplied.

Annex 1: Glossary of Security Terminology

Annex 2: Data Security by Design

Annex 3: Supplier's systems: Security Testing, Security Monitoring and Reporting Procedures

Annex 4: Information Security Management Document Set Template

ANNEX 1

Glossary of Security Terminology

1. Definitions

The following definitions apply to this Call-Off Schedule 9A (Health Security):

Breach of Security	an event that results, was an attempt to result, or could result, in: (a) any unauthorised access to or use of the Government Data, the Deliverables and/or the Information Management System; (b) the loss, corruption, unauthorised modification or unauthorised disclosure of any information or data (including the Confidential Information and the Government Data), including any copies of such information or data, used by the Buyer or the Supplier in connection with this Call-Off Contract; (c) any Personal Data Breach; (d) the loss of access to, corruption, inability to operate or other interference to the Deliverables or Information Management System; or (e) any part of the Supplier's system ceasing to be compliant with the Security Assurance Requirements;
Certification Requirement(s)	has the meaning given in Paragraph 6.2.1 of Annex 3 to this Schedule;
CHECK Service Provider	means a company which has been certified by the National Cyber Security Centre, holds "Green Light" status and is authorised to provide the Security Testing required by Paragraph 12.5 of Annex 3 to this Schedule;
DSP Toolkit	means the NHS's online self-assessment tool that allows organisations to measure their performance against the National Data Guardian's 10 data security standards. All organisations that have access to NHS patient data and systems must use this toolkit to provide assurance that they are practising good data security and that personal information is handled correctly;
Government Security Classifications	means the Government policy that deals with classified information assets to ensure that they are appropriately protected located at: https://www.gov.uk/government/publications/government-security-classifications
Incident Management Process	is the process which the Supplier shall implement immediately after it becomes aware of, or aware of a high risk of, a Breach of Security which is intended to restore normal operations as quickly as possible, minimising any

	adverse impact on the Government Data, the Buyer, the Deliverables and users of the Deliverables and which shall be prepared by the Supplier as part of the Information Security Management Document Set using the template set out in Annex 4 to this Schedule;
Information Management System	comprises: (a) the Supplier Equipment; (b) the Supplier's system; and (c) those information assets, ICT systems and/or Sites which will be used by the Supplier or its Subcontractors to Process Government Data, together with the associated information management system (including organisational structure, controls, policies, practices, procedures, processes and resources);
Information Security Approval Statement	a notice issued by the Buyer which sets out the information risks which the Supplier has identified as being associated with using the Information Management System and confirms that the Buyer: (a) is satisfied that the identified risks have been adequately and appropriately addressed; and (b) the Supplier may use the Information Management System to Process Government Data;
Information Assurance Assessment	is the set of policies, procedures, systems and processes which the Supplier shall implement, maintain and update in order to manage, mitigate and, where possible, avoid information security risks including cyber-attacks, hacks, data leaks, Personal Data Breaches and/or theft and which shall be prepared by the Supplier in line with the controls set out in ISO 27001:2013 or latest edition and using the template set out in Annex 4 to this Schedule;
Information Security Management Document Set	comprises: (a) the Information Assurance Assessment; (b) the Personal Data Processing Statement; (c) the Required Changes Register; and (d) the Incident Management Process, which shall be prepared by the Supplier using the templates set out in Annex 4 to this Schedule;
Information Security Management System or ISMS	means a set of policies and procedures for systematically managing protected data and information in accordance with security standards;
National Security Vetting	means the checks that are set out in the United Kingdom Security Vetting guidance located at:

	https://www.gov.uk/government/publications/united-kingdom-security-vetting-clearance-levels
NCSC Assured Service (CAS) Service Requirement Sanitation Standard	means the Service Requirement Sanitation Standard under the NCSC Assured Service located at: https://www.ncsc.gov.uk/information/commodity-information-assurance-services
Open Source Software	means computer software that has its source code made available subject to an open-source licence under which the owner of the copyright and other IPR in such software provides the rights to use, study, change and distribute the software to any and all persons and for any and all purposes free of charge;
Personal Data Processing Statement	sets out: (a) the types of Personal Data which the Supplier or its Subcontractors are Processing on behalf of the Buyer; (b) the categories of Data Subjects whose Personal Data the Supplier or its Subcontractors are Processing on behalf of the Buyer; (c) the nature and purpose of such Processing; (d) the locations at which the Supplier or its Subcontractors Process Government Data; and (e) the Protective Measures that the Supplier and, where applicable, its Subcontractors have implemented to protect the Government Data against a Breach of Security including a Personal Data Breach, which shall be prepared by the Supplier and included in the Information Security Management Document Set;
Process Government Data	any operation which is performed on Government Data, whether or not by automated means, including adapting, altering, collecting, combining, copying, destroying, erasing, organising, publishing retrieving, storing, structuring, transmitting or otherwise using Government Data;
Protective Measures	appropriate technical and organisational measures which may include: pseudonymising and encrypting Buyer data, ensuring confidentiality, integrity, availability and resilience of systems and services, ensuring that availability of and access to Buyer data can be restored in a timely manner after an incident, and regularly assessing and evaluating the effectiveness of such measures, as well as steps to reduce the likelihood of compromise of the systems and assets that handle or affect Buyer data;
Required Changes Register	is the register within the Information Security Management Document Set which is to be maintained and updated by the Supplier and which shall record each of the changes that the Supplier shall make to the Information Management System and/or the Information Security Management Document Set as a consequence of the occurrence of any of the events set out in Paragraphs 11.2 or 11.3 of Annex 3 of this Schedule together with

	the date by which such change shall be implemented and the date on which such change was implemented;
Security Assurance Requirements	has the meaning given in Paragraph 6.2 of Annex 3 to this Schedule;
Security Assurance Statement	has the meaning given in Paragraph 5.1.1 of Annex 3 to this Schedule;
Security Information and Event Management System (SIEM)	means an approach to security management that combines SIM (security information management) and SEM (security event management) functions into one security management system;
Security Testing	means the security testing specified in Paragraph 12 of Annex 3 of this Schedule;
Statement of Applicability	means the Supplier's Statement of Applicability as required in accordance with ISO/IEC 27001:2013;
Supplier COTS Software	means Supplier Software (including Open Source Software) that the Supplier makes generally available commercially prior to the Start Date of this Contract (whether by way of sale, lease or licence) on standard terms which are not typically negotiated by the Supplier save as to price;
Supplier Software	means software which is proprietary to the Supplier (or an Affiliate of the Supplier) and which is or will be used by the Supplier for the purposes of providing the Deliverables;
Supplier Solution	means the Supplier's solution, tender or bid for the provision of the Deliverables;
Third Party COTS Software	means Third Party Software (including Open Source Software) that the Supplier makes generally available commercially prior to the date of this Contract (whether by way of sale, lease or licence) on standard terms which are not typically negotiated by the Supplier save as to price;
Third Party Software	means software which is proprietary to any third party (other than an Affiliate of the Supplier) or any Open Source Software which in any case is, will be or is proposed to be used by the Supplier for the purposes of providing the Deliverables; and

Vulnerability Correction Plan	has the meaning given to it in Paragraph 12.6 of Annex 3 to this Schedule.

ANNEX 2:

Data Security by Design

1. Application of this Annex

The provisions of this Annex apply where the Supplier (or its Subcontractors) are (i) processing any Government Data (which could be electronic or on paper), and / or (ii) are designing or updating software and systems for the Buyer.

Further provisions associated with *using Supplier's own systems* to Process Government Data are set out in Annex 3.

2. Compliance with Buyer's Security Procedures When Working on Buyer's systems

2.1 The Supplier shall, and shall ensure that its Subcontractors shall, comply with the Buyer's security policies standards and procedures as notified to the Supplier when working on the Buyer's systems and premises.

2.2 The Supplier shall only use the Government Data and other information provided by the Buyer solely for delivery of the Deliverables.

3. Location of Government Data

3.1 The Supplier shall not and shall procure that none of its Subcontractors Process Government Data outside of the UK without the prior written consent of the Buyer and the Supplier shall not change where it or any of its Subcontractors Process Government Data without the Buyer's prior written consent, which may be subject to conditions.

4. Vulnerabilities and Corrective Action

4.1 The Buyer and the Supplier acknowledge that from time to time vulnerabilities in the Information Management System will be discovered which unless mitigated will present an unacceptable risk to the Government Data.

4.2 Where the Buyer is responsible for the delivery of the Information Management System, and the Supplier recognises any security vulnerability, the Supplier shall notify the Buyer promptly of the issue. Where the Supplier is responsible for delivery of the Information Management System, Paragraph 14 of Annex 3 shall apply.

5. Security by Design

5.1 The Supplier shall ensure that where it is responsible for the design of systems to Process Government Data, this shall be done in accordance with:

5.1.1 the NCSC "Security Design Principles for Digital Services", a copy of which can be found at: https://www.ncsc.gov.uk/guidance/security-design-principles-digital-services-main;

5.1.2 the NCSC "Bulk Data Principles", a copy of which can be found at https://www.ncsc.gov.uk/guidance/protecting-bulk-personal-data-main;

5.1.3 the NSCS "Cloud Security Principles", a copy of which can be found at: https://www.ncsc.gov.uk/collection/cloud-security?curPage=/collection/cloud-security/implementing-the-cloud-security-principlesprinciples ;

5.1.4 the NCSC "Supply Chain Management" a copy of which can be found at: https://www.ncsc.gov.uk/collection/supply-chain-security;

5.1.5 the NCSC "Penetration Testing Guidance" a copy of which can be found at: https://www.ncsc.gov.uk/guidance/penetration-testing; and

5.1.6 any reasonable requirements identified by the Buyer from time to time and in accordance with Good Industry Practice.

6. Data Destruction and Deletion

6.1 Subject to Paragraph 2.1 of this Annex, where applicable in relation to information on the Supplier's systems or site under the Supplier's control, the Supplier shall, and shall ensure each Subcontractor who has access to the Government Data shall:

6.1.1 prior to securely sanitising any Government Data or when requested, provide the Buyer with all Government Data in an agreed open format;

6.1.2 securely erase in a manner agreed with the Buyer, any or all Government Data held by the Supplier when requested to do so by the Buyer;

6.1.3 securely destroy in a manner agreed with the Buyer all media that has held Government Data at the end of life of that media in accordance with any specific requirements in this Contract and, in the absence of any such requirements, in accordance with Good Industry Practice and as agreed by the Buyer;

6.1.4 ensure Sites used for the destruction of Government Data are included within the scope of an existing certification of compliance with ISO/IEC 27001:2013, subject to the Buyer agreeing the controls as indicated by the Statement of Applicability;

6.1.5 implement processes which address the Centre for the Protection of National Infrastructure (CPNI) and NCSC guidance on secure sanitisation;

6.1.6 are certified as compliant with the NCSC Assured Service (CAS) Service Requirement Sanitisation Standard or an alternative standard as agreed by the Buyer; and

6.1.7 provide the Buyer with formal assurance and evidence of any erasure or destruction occurring pursuant to Paragraph 6 of this Annex (typically in the form of a certificate of destruction).

6.2 The Supplier shall provide the Buyer with evidence of its and its Subcontractors' compliance with the requirements set out in this Paragraph before the Supplier or the relevant Subcontractor (as applicable) may carry out the secure destruction of any Government Data.

Annex 3

Supplier's systems: Security Testing, Security Monitoring and Reporting Procedures

1 Application of this Annex

1.1 The provisions of this Annex apply in addition to those set out in Annex 2 where the Supplier (and/or its Subcontractors) are processing Government Data on the Supplier's or Subcontractor's own systems.

2 Security Classification of Information

2.1 This Annex defines the further security requirements and assurance process for the Supplier to Process Government Data which is classified up to the Government Security Classifications standard of 'OFFICIAL-SENSITIVE'.

3 Supplier's Information Security Management System

3.1 The Supplier shall maintain and operate an Information Security Management System (**"ISMS"**). The ISMS shall:

3.1.1 be owned and approved by Supplier senior management;

3.1.2 cover the entire scope of environments that handle, support or affect Government Data and the Buyer's system;

3.1.3 be created in line with accepted industry standards, including ISO27001, NIST guidance, National Cyber Security Centre (NCSC) advice, as well as specific requirements identified by the Buyer, and Good Industry Practice;

3.1.4 be actively maintained and reviewed on an annual basis from the Call-Off Start Date, as well as in response to relevant incidents, threats and other changes that would necessitate a review of controls;

3.1.5 be supported through policy such that compliance and operation of the ISMS is a mandatory part of all Supplier Staff job performance;

3.1.6 provide for the identification of risks to the Supplier, Government Data and the Buyer System, as well as the appropriate remediation of these risks in line with an agreed risk appetite;

3.1.7 be made available by the Supplier for review by the Buyer for approval;