

Award Form, Crown Copyright 2023, [Subject to Contract]

Award Form

This Award Form creates this Contract. It summarises the main features of the procurement and includes the Buyer and the Supplier's contact details.

1. Buyer	Department for Energy Security and Net Zero (the Buyer). Its offices are on: 3-8 Whitehall Place, London, SW1A 2EG
2. Supplier	<div> <div>Name:</div> <div>Environmental Resources Management Limited</div> </div> <div> <div>Address:</div> <div>Exchequer Court, 33 St Mary Axe, London, EC3A 8AA</div> </div> <div> <div>Registration number:</div> <div>01014622</div> </div> <div> <div>SID4GOV ID:</div> <div>N/A</div> </div>
3. Contract	This Contract between the Buyer and the Supplier is for the supply of Deliverables, being development of the National Zoning Model - see Schedule 2 (Specification) for full details.
4. Contract reference	CON_7063/Framework Agreement CON_6347
5. Buyer Cause	Any material breach of the obligations of the Buyer or any other default, act, omission, negligence or statement of the Buyer, of its employees, servants, agents in connection with or in relation to the subject-matter of this Contract and in respect of which the Buyer is liable to the Supplier.
6. Collaborative working principles	<p>The Collaborative Working Principles apply to this Contract.</p> <p>See Clause 3.1.3 for further details.</p>
7. Financial Transparency Objectives	<p>The Financial Transparency Objectives do not apply to this Contract.</p> <p>See Clause 6.3 for further details.</p>
8. Start Date	09/12/2024

9.	Expiry Date	08/04/2026
10.	Extension Period	<p>Further 2 periods of up to 12 months</p> <p>With 2 optional value increases of up to £598,000 each (excl VAT)</p> <p>Extension exercised where the Buyer gives the Supplier no less than 1 Months' written notice before this Contract expires.</p>
11.	Ending this Contract without a reason	<p>The Buyer shall be able to terminate this Contract in accordance with Clause 14.3.</p> <p>Provided that the amount of notice that the Buyer shall give to terminate in Clause 14.3 shall be 1 month.</p>
12.	Incorporated Terms (together these documents form the " this Contract ")	<p>The following documents are incorporated into this Contract. Where numbers are missing we are not using these Schedules. If there is any conflict, the following order of precedence applies:</p> <ul style="list-style-type: none"> (a) This Award Form (b) Any Special Terms (see Section 14 (Special Terms) in this Award Form) (c) Core Terms (d) Schedule 36 (Intellectual Property Rights) (e) Schedule 1 (Definitions) (f) Schedule 6 (Transparency Reports) (g) Schedule 20 (Processing Data) (h) The following Schedules (in equal order of precedence): <ul style="list-style-type: none"> (i) Schedule 2 (Specification) (ii) Schedule 3 (Charges) (iii) Schedule 5 (Commercially Sensitive Information) (iv) Schedule 7 (Staff Transfer) (v) Schedule 10 (Service Levels) (vi) Schedule 11 (Continuous Improvement) (vii) Schedule 13 (Contract Management) (viii) Schedule 14 (Business Continuity and Disaster Recovery) (ix) Schedule 16 (Security) (x) Schedule 21 (Variation Form) (xi) Schedule 22 (Insurance Requirements) (xii) Schedule 24 (Financial Difficulties) (xiii) Schedule 25 (Rectification Plan)

		<p>(xiv) Schedule 26 (Sustainability)</p> <p>(xv) Schedule 27 (Key Subcontractors)</p> <p>(xvi) Schedule 29 (Key Supplier Staff)</p> <p>(xvii) Schedule 30 (Exit Management)</p> <p>(i) Schedule 4 (Tender), unless any part of the Tender offers a better commercial position for the Buyer (as decided by the Buyer, in its absolute discretion), in which case that part of the Tender will take precedence over the documents above.</p>
13.	Special Terms	<p>Special Term 1 –</p> <p>Clause 15.1 within Mid-Tier Core Terms is replaced with:</p> <p>Each Party's total aggregate liability in each Contract Year under this Contract (whether in tort, contract or otherwise) is no more than the greater of £2 million or 150% of the Estimated Yearly Charges unless specified otherwise in the Award Form.</p>
14.	Buyer's Environmental Policy	Included in Schedule 2 (Specification)
15.	Social Value Commitment	The Supplier agrees, in providing the Deliverables and performing its obligations under this Contract, to deliver the Social Value outcomes as per their Framework Bid for BE23183.
16.	Buyer's Security Requirements and Security and ICT Policy	<p>Security Requirements: as set out in Schedule 16 (Security).</p> <p>Security Policy: available online at: https://www.gov.uk/government/publications/security-policy-framework</p> <p>For the purposes of Schedule 16 (Security) the Supplier is required to comply with the Security Policy.</p> <p>For the purposes of Supplier Staff vetting, the Supplier is required to comply with the Security Policy.</p>
17.	Charges	<p>Total Contract Value of this Contract is £641,145.53 excluding VAT for Initial Period of 16 months plus 2 optional extensions of up to £598,000 each (excluding VAT).</p> <p>Total Contract Value of this Contract if both optional extensions of value are executed is £1,837,145.53 excluding VAT.</p> <p>Indexation is not applicable</p>

		Details in Schedule 3 (Charges)
18. Estimated Year 1 Charges		£480,859.15 excluding VAT
19. Reimbursable expenses		None
20. Payment method		<p>Payment of undisputed invoices will be made within 30 days of receipt of invoice, which must be submitted promptly by the Supplier.</p> <p>All invoices must be sent, end of the month or between calendar day 1 and 7 of the next month (if day 7 is Sunday it will be day 5 and if day 7 is Saturday it will be day 6) quoting a valid Purchase Order Number (PO Number) and any other relevant details, to the Buyers Authorised representative.</p> <p>Within 10 Working Days of receipt of countersigned copy of this Contract, the Buyer will send the Supplier a unique PO Number. The Supplier must be in receipt of a valid PO Number before submitting an invoice.</p> <p>To avoid delay in payment it is important that the invoice is compliant and that it includes a valid PO Number, item number (if applicable), Contract reference number (e.g. CON number), details of deliverables (if applicable), period of work (one full month), cost breakdown with roles and day rate applicable, summary of completed tasks and the details (name, email, and telephone number) of the Buyer contact (i.e. Buyer Authorised Representative). Non-compliant invoices may be sent back to you, which may lead to a delay in payment.</p> <p>If you have a query regarding an outstanding payment please contact our Buyers Authorised representative.</p>
21. Service Levels		Not applicable
22. Liability		<p>In accordance with Clause 15.1 each Party's total aggregate liability in each Contract Year under this Contract (whether in tort, contract or otherwise) is no more than the greater of £2 million or 150% of the Estimated Yearly Charges.</p> <p>In accordance with Clause 15.5, the Supplier's total aggregate liability in each Contract Year under Clause 18.8.5 is no more than the Data Protection Liability, being £10 million.</p>

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23.	Cyber Essentials Certification	Not required
24.	Progress Meetings and Progress Reports	<p>The Supplier shall attend Progress Meetings with the Buyer every two weeks.</p> <p>The Supplier shall provide the Buyer with Progress Reports every month.</p>
25.	Guarantor	Not applicable
26.	Virtual Library	Not applicable
27.	Supplier's Contract Manager	REDACTED UNDER FOIA SECTION 40, PERSONAL INFORMATION
28.	Supplier Authorised Representative	
29.	Supplier Compliance Officer	
30.	Supplier Data Protection Officer	
31.	Supplier Marketing Contact	

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32.	Key Subcontractors	Key Subcontractor 1 REDACTED UNDER FOIA SECTION 43, COMMERCIALLY SENSITIVE
33.	Buyer Authorised Representative	REDACTED UNDER FOIA SECTION 40, PERSONAL INFORMATION

For and on behalf of the Supplier:		For and on behalf of the Buyer:	
Signature:	REDACTED UNDER FOIA SECTION 40, PERSONAL INFORMATION	Signature:	REDACTED UNDER FOIA SECTION 40, PERSONAL INFORMATION
Name:		Name:	
Role:		Role:	
Date:		Date:	

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Core Terms – Mid-tier

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1. Definitions used in the contract

Interpret this Contract using Schedule 1 (Definitions).

2. How the contract works

- 2.1 If the Buyer decides to buy Deliverables under this Contract it must state its requirements using the Award Form. If allowed by the Regulations, the Buyer can:
 - 2.1.1 make changes to the Award Form;
 - 2.1.2 create new Schedules;
 - 2.1.3 exclude optional template Schedules; and
 - 2.1.4 use Special Terms in the Award Form to add or change terms.
- 2.2 The Contract:
 - 2.2.1 is between the Supplier and the Buyer; and
 - 2.2.2 includes Core Terms, Schedules and any other changes or items in the completed Award Form.
- 2.3 The Supplier acknowledges it has all the information required to perform its obligations under this Contract before entering into it. When information is provided by the Buyer no warranty of its accuracy is given to the Supplier.
- 2.4 The Supplier acknowledges that, subject to the Allowable Assumptions set out in Annex 2 of Schedule 3 (Charges) (if any), it has satisfied itself of all details relating to:
 - 2.4.1 the Buyer's requirements for the Deliverables;
 - 2.4.2 the Buyer's operating processes and working methods; and
 - 2.4.3 the ownership and fitness for purpose of the Buyer Assets, and it has it has advised the Buyer in writing of:
 - 2.4.4 each aspect, if any, of the Buyer's requirements for the Deliverables, operating processes and working methods that is not suitable for the provision of the Services;
 - 2.4.5 the actions needed to remedy each such unsuitable aspect; and
 - 2.4.6 a timetable for and, to the extent that such costs are to be payable to the Supplier, the costs of those actions,and such actions, timetable and costs are fully reflected in this Contract.
- 2.5 The Supplier won't be excused from any obligation, or be entitled to additional Costs or Charges because it failed to either:
 - 2.5.1 verify the accuracy of the Due Diligence Information; and

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- 2.5.2 properly perform its own adequate checks.
- 2.6 The Buyer will not be liable for errors, omissions or misrepresentation of any information.
- 2.7 The Supplier warrants and represents that all statements made and documents submitted as part of the procurement of Deliverables are and remain true and accurate.

3. What needs to be delivered

3.1 All deliverables

- 3.1.1 The Supplier must provide Deliverables:
 - (a) that comply with the Specification, the Tender Response and this Contract;
 - (b) using reasonable skill and care;
 - (c) using Good Industry Practice;
 - (d) using its own policies, processes and internal quality control measures as long as they don't conflict with this Contract;
 - (e) on the dates agreed; and
 - (f) that comply with Law.
- 3.1.2 The Supplier must provide Deliverables with a warranty of at least 90 days from Delivery against all obvious defects or for such other period as specified in the Award Form.
- 3.1.3 Where the Award Form states that the Collaborative Working Principles will apply, the Supplier must co-operate and provide reasonable assistance to any Buyer Third Party notified to the Supplier by the Buyer from time to time and act at all times in accordance with the following principles:
 - (a) proactively leading on, mitigating and contributing to the resolution of problems or issues irrespective of its contractual obligations, acting in accordance with the principle of "fix first, settle later";
 - (b) being open, transparent and responsive in sharing relevant and accurate information with Buyer Third Parties;
 - (c) where reasonable, adopting common working practices, terminology, standards and technology and a collaborative approach to service development and resourcing with Buyer Third Parties;
 - (d) providing reasonable cooperation, support, information and assistance to Buyer Third Parties in a proactive, transparent and open way and in a spirit of trust and mutual confidence; and

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- (e) identifying, implementing and capitalising on opportunities to improve deliverables and deliver better solutions and performance throughout the relationship lifecycle.

3.2 Goods clauses

- 3.2.1 All Goods delivered must be new, or as new if recycled, unused and of recent origin.
- 3.2.2 The Supplier transfers ownership of the Goods on Delivery or payment for those Goods, whichever is earlier.
- 3.2.3 Risk in the Goods transfers to the Buyer on Delivery of the Goods, but remains with the Supplier if the Buyer notices damage following Delivery and lets the Supplier know within three (3) Working Days of Delivery.
- 3.2.4 The Supplier warrants that it has full and unrestricted ownership of the Goods at the time of transfer of ownership.
- 3.2.5 The Supplier must deliver the Goods on the date and to the specified location during the Buyer's working hours.
- 3.2.6 The Supplier must provide sufficient packaging for the Goods to reach the point of Delivery safely and undamaged.
- 3.2.7 All deliveries must have a delivery note attached that specifies the order number, type and quantity of Goods.
- 3.2.8 The Supplier must provide all tools, information and instructions the Buyer needs to make use of the Goods.
- 3.2.9 The Supplier must indemnify the Buyer against the costs of any Recall of the Goods and give notice of actual or anticipated action about the Recall of the Goods.
- 3.2.10 The Buyer can cancel any order or part order of Goods which has not been Delivered. If the Buyer gives less than fourteen (14) days' notice then it will pay the Supplier's reasonable and proven costs already incurred on the cancelled order as long as the Supplier uses all reasonable endeavours to minimise these costs.
- 3.2.11 The Supplier must at its own cost repair, replace, refund or substitute (at the Buyer's option and request) any Goods that the Buyer rejects because they don't conform with Clause 3. If the Supplier doesn't do this it will pay the Buyer's costs including repair or re-supply by a third party.
- 3.2.12 The Buyer will not be liable for any actions, claims and Losses incurred by the Supplier or any third party during Delivery of the Goods unless and to the extent that it is caused by negligence or other wrongful act of the Buyer or its servant or agent. If the Buyer suffers or incurs any Loss or injury (whether fatal or otherwise) occurring in the course of Delivery or installation

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then the Supplier shall indemnify the Buyer from any losses, charges, costs or expenses which arise as a result of or in connection with such Loss or injury where it is attributable to any act or omission of the Supplier or any of its Subcontractors or Supplier Staff.

3.3 Services clauses

- 3.3.1 Late Delivery of the Services will be a Default of this Contract.
- 3.3.2 The Supplier must co-operate with the Buyer and third party suppliers on all aspects connected with the Delivery of the Services and ensure that Supplier Staff comply with any reasonable instructions of the Buyer or third party suppliers.
- 3.3.3 The Supplier must at its own risk and expense provide all Supplier Equipment required to Deliver the Services. Any equipment provided by the Buyer to the Supplier for supplying the Services remains the property of the Buyer and is to be returned to the Buyer on expiry or termination of this Contract.
- 3.3.4 The Supplier must allocate sufficient resources and appropriate expertise to this Contract.
- 3.3.5 The Supplier must take all reasonable care to ensure performance does not disrupt the Buyer's operations, employees or other contractors.
- 3.3.6 On completion of the Services, the Supplier is responsible for leaving the Buyer Premises in a clean, safe and tidy condition and making good any damage that it has caused to the Buyer Premises or Buyer Assets, other than fair wear and tear.
- 3.3.7 The Supplier must ensure all Services, and anything used to Deliver the Services, are of good quality and free from defects.
- 3.3.8 The Buyer is entitled to withhold payment for partially or undelivered Services, but doing so does not stop it from using its other rights under this Contract.

4. Pricing and payments

- 4.1 In exchange for the Deliverables, the Supplier must invoice the Buyer for the Charges in the Award Form.
- 4.2 All Charges:
 - 4.2.1 exclude VAT, which is payable on provision of a valid VAT invoice; and
 - 4.2.2 include all costs connected with the Supply of Deliverables.
- 4.3 The Buyer must pay the Supplier the Charges within thirty (30) days of receipt by the Buyer of a valid, undisputed invoice, in cleared funds using the payment method and details stated in the invoice or in the Award Form.

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- 4.4 A Supplier invoice is only valid if it:
 - 4.4.1 includes all appropriate references including this Contract reference number and other details reasonably requested by the Buyer; and
 - 4.4.2 includes a detailed breakdown of Delivered Deliverables and Milestone(s) (if any).
- 4.5 The Buyer may retain or set-off payment of any amount owed to it by the Supplier under this Contract or any other agreement between the Supplier and the Buyer if notice and reasons are provided.
- 4.6 The Supplier must ensure that all Subcontractors are paid, in full, within thirty (30) days of receipt of a valid, undisputed invoice. If this does not happen, the Buyer can publish the details of the late payment or non-payment.
- 4.7 The Supplier has no right of set-off, counterclaim, discount or abatement unless they're ordered to do so by a court.

5. The buyer's obligations to the supplier

- 5.1 If Supplier Non-Performance arises from a Buyer Cause:
 - 5.1.1 the Buyer cannot terminate this Contract under Clause 14.4.1;
 - 5.1.2 the Supplier is entitled to reasonable and proven additional expenses and to relief from Delay Payments, liability and Deduction under this Contract;
 - 5.1.3 the Supplier is entitled to additional time needed to make the Delivery;
 - 5.1.4 the Supplier cannot suspend the ongoing supply of Deliverables.
- 5.2 Clause 5.1 only applies if the Supplier:
 - 5.2.1 gives notice to the Buyer of the Buyer Cause within ten (10) Working Days of becoming aware;
 - 5.2.2 demonstrates that the Supplier Non-Performance only happened because of the Buyer Cause; and
 - 5.2.3 mitigated the impact of the Buyer Cause.

6. Record keeping and reporting

- 6.1 The Supplier must attend Progress Meetings with the Buyer and provide Progress Reports when specified in the Award Form.
- 6.2 The Supplier must keep and maintain full and accurate records and accounts in respect of this Contract during the Contract Period and for seven (7) years after the End Date and in accordance with the UK GDPR or the EU GDPR as the context requires, including the records and accounts which the Buyer has a right to Audit.

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- 6.3 Where the Award Form states that the Financial Transparency Objectives apply, the Supplier must co-operate with the Buyer to achieve the Financial Transparency Objectives and, to this end, will provide a Financial Report to the Buyer:
 - 6.3.1 on or before the Effective Date;
 - 6.3.2 at the end of each Contract Year; and
 - 6.3.3 within six (6) Months of the end of the Contract Period,
 - 6.3.4 and the Supplier must meet with the Buyer if requested within ten (10) Working Days of the Buyer receiving a Financial Report.
- 6.4 If the Supplier becomes aware of an event that has occurred or is likely to occur in the future which will have a material effect on the:
 - 6.4.1 Supplier's currently incurred or forecast future Costs; and
 - 6.4.2 forecast Charges for the remainder of this Contract,
 - 6.4.3 then the Supplier must notify the Buyer in writing as soon as practicable setting out the actual or anticipated effect of the event.
- 6.5 The Buyer or an Auditor can Audit the Supplier.
- 6.6 The Supplier must allow any Auditor access to their premises and the Buyer will use reasonable endeavours to ensure that any Auditor:
 - 6.6.1 complies with the Supplier's operating procedures; and
 - 6.6.2 does not unreasonably disrupt the Supplier or its provision of the Deliverables.
- 6.7 During an Audit, the Supplier must provide information to the Auditor and reasonable co-operation at their request including access to:
 - 6.7.1 all information within the permitted scope of the Audit;
 - 6.7.2 any Sites, equipment and the Supplier's ICT system used in the performance of this Contract; and
 - 6.7.3 the Supplier Staff.
- 6.8 The Parties will bear their own costs when an Audit is undertaken unless the Audit identifies a Material Default by the Supplier, in which case the Supplier will repay the Buyer's reasonable costs in connection with the Audit.
- 6.9 The Supplier must comply with the Buyer's reasonable instructions following an Audit, including:
 - 6.9.1 correcting any identified Default;
 - 6.9.2 rectifying any error identified in a Financial Report; and
 - 6.9.3 repaying any Charges that the Buyer has overpaid.

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- 6.10 If the Supplier is not providing any of the Deliverables, or is unable to provide them, it must immediately:
 - 6.10.1 tell the Buyer and give reasons;
 - 6.10.2 propose corrective action; and
 - 6.10.3 provide a deadline for completing the corrective action.
- 6.11 Except where an Audit is imposed on the Buyer by a regulatory body or where the Buyer has reasonable grounds for believing that the Supplier has not complied with its obligations under this Contract, the Buyer may not conduct an Audit of the Supplier or of the same Key Subcontractor more than twice in any Contract Year.

7. Supplier staff

- 7.1 The Supplier Staff involved in the performance of this Contract must:
 - 7.1.1 be appropriately trained and qualified;
 - 7.1.2 be vetted using Good Industry Practice and the Security Policy (is used); and
 - 7.1.3 comply with all conduct requirements when on the Buyer's Premises.
- 7.2 Where the Buyer decides one of the Supplier's Staff is not suitable to work on this Contract, the Supplier must replace them with a suitably qualified alternative.
- 7.3 The Supplier must provide a list of Supplier Staff needing to access the Buyer's Premises and say why access is required.
- 7.4 The Supplier indemnifies the Buyer against all claims brought by any person employed or engaged by the Supplier caused by an act or omission of the Supplier or any Supplier Staff.
- 7.5 The Buyer indemnifies the Supplier against all claims brought by any person employed or engaged by the Buyer caused by an act or omission of the Buyer or any of the Buyer's employees, agents, consultants and contractors.

8. Supply chain

8.1 Appointing Subcontractors

- 8.1.1 The Supplier must exercise due skill and care when it selects and appoints Subcontractors to ensure that the Supplier is able to:
 - (a) manage Subcontractors in accordance with Good Industry Practice;
 - (b) comply with its obligations under this Contract; and

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- (c) assign, novate or transfer its rights and/or obligations under the Sub-Contract that relate exclusively to this Contract to the Buyer or a Replacement Supplier.

8.2 **Mandatory provisions in Sub-Contracts**

8.2.1 For Sub-Contracts in the Supplier's supply chain entered into wholly or substantially for the purpose of performing or contributing to the performance of the whole or any part of this Contract:

- (a) where such Sub-Contracts are entered into after the Effective Date, the Supplier will ensure that they all contain provisions that; or
- (b) where such Sub-Contracts are entered into before the Effective Date, the Supplier will take all reasonable endeavours to ensure that they all contain provisions that:
- (c) allow the Supplier to terminate the Sub-Contract if the Subcontractor fails to comply with its obligations in respect of environmental, social, equality or employment Law;
- (d) require the Supplier to pay all Subcontractors in full, within thirty (30) days of receiving a valid, undisputed invoice; and
- (e) allow the Buyer to publish the details of the late payment or non-payment if this thirty (30) day limit is exceeded.

8.3 **When Sub-Contracts can be ended**

8.3.1 At the Buyer's request, the Supplier must terminate any Sub-Contracts in any of the following events:

- (a) there is a Change of Control of a Subcontractor which isn't pre-approved by the Buyer in writing;
- (b) the acts or omissions of the Subcontractor have caused or materially contributed to a right of termination under Clause 14.4;
- (c) a Subcontractor or its Affiliates embarrasses or brings into disrepute or diminishes the public trust in the Buyer;
- (d) the Subcontractor fails to comply with its obligations in respect of environmental, social, equality or employment Law; and/or
- (e) the Buyer has found grounds to exclude the Subcontractor in accordance with Regulation 57 of the Public Contracts Regulations 2015.

8.4 **Competitive terms**

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- 8.4.1 If the Buyer can get more favourable commercial terms for the supply at cost of any materials, goods or services used by the Supplier to provide the Deliverables and that cost is reimbursable by the Buyer, then the Buyer may require the Supplier to replace its existing commercial terms with the more favourable terms offered for the relevant items.
- 8.4.2 If the Buyer uses Clause 8.4.1 then the Charges must be reduced by an agreed amount by using the Variation Procedure.

8.5 Ongoing responsibility of the Supplier

The Supplier is responsible for all acts and omissions of its Subcontractors and those employed or engaged by them as if they were its own.

9. Rights and protection

- 9.1 The Supplier warrants and represents that:
 - 9.1.1 it has full capacity and authority to enter into and to perform this Contract;
 - 9.1.2 this Contract is entered into by its authorised representative;
 - 9.1.3 it is a legally valid and existing organisation incorporated in the place it was formed;
 - 9.1.4 there are no known legal or regulatory actions or investigations before any court, administrative body or arbitration tribunal pending or threatened against it or its Affiliates that might affect its ability to perform this Contract;
 - 9.1.5 all necessary rights, authorisations, licences and consents (including in relation to IPRs) are in place to enable the Supplier to perform its obligations under this Contract and for the Buyer to receive the Deliverables;
 - 9.1.6 it doesn't have any contractual obligations which are likely to have a material adverse effect on its ability to perform this Contract;
 - 9.1.7 it is not impacted by an Insolvency Event or a Financial Distress Event; and
 - 9.1.8 neither it nor, to the best of its knowledge the Supplier Staff, have committed a Prohibited Act prior to the Effective Date or been subject to an investigation relating to a Prohibited Act.
- 9.2 The warranties and representations in Clauses 2.7 and 9.1 are repeated each time the Supplier provides Deliverables under this Contract.
- 9.3 The Supplier indemnifies the Buyer against each of the following:

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- 9.3.1 wilful misconduct of the Supplier, Subcontractor and Supplier Staff that impacts this Contract; and
- 9.3.2 non-payment by the Supplier of any tax or National Insurance.
- 9.4 All claims indemnified under this Contract must use Clause 30.
- 9.5 The description of any provision of this Contract as a warranty does not prevent the Buyer from exercising any termination right that it may have for Default of that clause by the Supplier.
- 9.6 If the Supplier becomes aware of a representation or warranty that becomes untrue or misleading, it must immediately notify the Buyer.
- 9.7 All third party warranties and indemnities covering the Deliverables must be assigned for the Buyer's benefit by the Supplier for free.

10. Intellectual Property Rights (IPRs)

- 10.1 The Parties agree that the terms set out in Schedule 36 (Intellectual Property Rights) shall apply to this Contract.
- 10.2 If there is an IPR Claim, the Supplier indemnifies the Buyer against all losses, damages, costs or expenses (including professional fees and fines) incurred as a result.
- 10.3 If an IPR Claim is made or anticipated the Supplier must at its own expense and the Buyer's sole option, either:
 - 10.3.1 obtain for the Buyer the rights to continue using the relevant item without infringing any third party IPR; or
 - 10.3.2 replace or modify the relevant item with substitutes that don't infringe IPR without adversely affecting the functionality or performance of the Deliverables.
- 10.4 If the Buyer requires that the Supplier procures a licence in accordance with Clause 10.3.1 or to modify or replace an item pursuant to Clause 10.3.2, but this has not avoided or resolved the IPR Claim, then the Buyer may terminate this Contract by written notice with immediate effect and the consequences of termination set out in Clauses 14.5.1 shall apply.

11. Rectifying issues

- 11.1 If there is a Notifiable Default, the Supplier must notify the Buyer within three (3) Working Days of the Supplier becoming aware of the Notifiable Default and the Buyer may request that the Supplier provide a Rectification Plan within ten (10) Working Days of the Buyer's request alongside any additional documentation that the Buyer requires.
- 11.2 When the Buyer receives a requested Rectification Plan it can either:
 - 11.2.1 reject the Rectification Plan or revised Rectification Plan giving reasons; or

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- 11.2.2 accept the Rectification Plan or revised Rectification Plan (without limiting its rights) in which case the Supplier must immediately start work on the actions in the Rectification Plan at its own cost.
- 11.3 Where the Rectification Plan or revised Rectification Plan is rejected, the Buyer:
 - 11.3.1 will give reasonable grounds for its decision; and
 - 11.3.2 may request that the Supplier provides a revised Rectification Plan within five (5) Working Days.

12. Escalating issues

- 12.1 If the Supplier fails to:
 - 12.1.1 submit a Rectification Plan or a revised Rectification Plan within the timescales set out in Clauses 11.1 or 11.3; and
 - 12.1.2 adhere to the timescales set out in an accepted Rectification Plan to resolve the Notifiable Default.

or if the Buyer otherwise rejects a Rectification Plan, the Buyer can require the Supplier to attend an Escalation Meeting on not less than five (5) Working Days' notice. The Buyer will determine the location, time and duration of the Escalation Meeting(s) and the Supplier must ensure that the Supplier Authorised Representative is available to attend.
- 12.2 The Escalation Meeting(s) will continue until the Buyer is satisfied that the Notifiable Default has been resolved, however, where an Escalation Meeting(s) has continued for more than five (5) Working Days, either Party may treat the matter as a Dispute to be handled through the Dispute Resolution Procedure.
- 12.3 If the Supplier is in Default of any of its obligations under this Clause 12, the Buyer shall be entitled to terminate this Agreement and the consequences of termination set out in Clauses 14.5.1 shall apply as if the contract were terminated under Clause 14.4.1.

13. Step-in rights

- 13.1 If a Step-In Trigger Event occurs, the Buyer may give notice to the Supplier that it will be taking action in accordance with this Clause 13.1 and setting out:
 - 13.1.1 whether it will be taking action itself or with the assistance of a third party;
 - 13.1.2 what Required Action the Buyer will take during the Step-In Process;
 - 13.1.3 when the Required Action will begin and how long it will continue for;

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- 13.1.4 whether the Buyer will require access to the Sites; and
- 13.1.5 what impact the Buyer anticipates that the Required Action will have on the Supplier's obligations to provide the Deliverables.
- 13.2 For as long as the Required Action is taking place:
 - 13.2.1 the Supplier will not have to provide the Deliverables that are the subject of the Required Action;
 - 13.2.2 no Deductions will be applicable in respect of Charges relating to the Deliverables that are the subject of the Required Action; and
 - 13.2.3 the Buyer will pay the Charges to the Supplier after subtracting any applicable Deductions and the Buyer's costs of taking the Required Action.
- 13.3 The Buyer will give notice to the Supplier before it ceases to exercise its rights under the Step-In Process and within twenty (20) Working Days of this notice the Supplier will develop a draft Step-Out Plan for the Buyer to approve.
- 13.4 If the Buyer does not approve the draft Step-Out Plan, the Buyer will give reasons and the Supplier will revise the draft Step-Out Plan and re-submit it for approval.
- 13.5 The Supplier shall bear its own costs in connection with any step-in by the Buyer under this Clause 13, provided that the Buyer shall reimburse the Supplier's reasonable additional expenses incurred directly as a result of any step-in action taken by the Buyer under:
 - 13.5.1 limbs (f) or (g) of the definition of a Step-In Trigger Event; or
 - 13.5.2 limbs (h) and (i) of the definition of a Step-in Trigger Event (insofar as the primary cause of the Buyer serving a notice under Clause 13.1 is identified as not being the result of the Supplier's Default).

14. Ending the contract

- 14.1 The Contract takes effect on the Effective Date and ends on the End Date or earlier if terminated under this Clause 14 or if required by Law.
- 14.2 The Buyer can extend this Contract for the Extension Period by giving the Supplier written notice before this Contract expires as described in the Award Form.
- 14.3 **Ending the contract without a reason**
The Buyer has the right to terminate this Contract at any time without reason by giving the Supplier not less than ninety (90) days' notice (unless a different notice period is set out in the Award Form) and if it's terminated Clause 14.6.3 applies.
- 14.4 **When the Buyer can end this Contract**

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14.4.1 If any of the following events happen, the Buyer has the right to immediately terminate this Contract by issuing a Termination Notice to the Supplier and the consequences of termination in Clause 14.5.1 shall apply:

- (a) there's a Supplier Insolvency Event;
- (b) the Supplier fails to notify the Buyer in writing of any Occasion of Tax Non-Compliance or fails to provide details of proposed mitigating factors which, in the reasonable opinion of the Buyer, are acceptable;
- (c) there's a Notifiable Default that is not corrected in line with an accepted Rectification Plan;
- (d) the Buyer rejects a Rectification Plan or the Supplier does not provide it within ten (10) days of the request;
- (e) there's any Material Default of this Contract;
- (f) there's any Material Default of any Joint Controller Agreement relating to this Contract;
- (g) there's a Default of Clauses 2.8, 12, 31 or Schedule 28 (ICT Services) (where applicable);
- (h) the performance of the Supplier causes a Critical Service Level Failure to occur;
- (i) there's a consistent repeated failure to meet the Service Levels in Schedule 10 (Service Levels);
- (j) there's a Change of Control of the Supplier which isn't pre-approved by the Buyer in writing;
- (k) the Buyer discovers that the Supplier was in one of the situations in 57 (1) or 57(2) of the Regulations at the time this Contract was awarded;
- (l) the Supplier or its Affiliates embarrass or bring the Buyer into disrepute or diminish the public trust in them;
- (m) the Supplier fails to comply with its legal obligations in the fields of environmental, social, equality or employment Law when providing the Deliverables; or
- (n) the Supplier fails to enter into or to comply with an Admission Agreement under Part D of Schedule 7 (Staff Transfer).

14.4.2 If any of the events in 73 (1) (a) or (b) of the Regulations happen, the Buyer has the right to immediately terminate this Contract and Clauses 14.5.1(b) to 14.5.1(g) apply.

14.5 What happens if the contract ends

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14.5.1 Where the Buyer terminates this Contract under Clauses 14.4.1, 10.4 and 12.3, Paragraph 7 of Part D of Schedule 7 (Staff Transfer), Paragraph 2.2 of Schedule 12 (Benchmarking) (where applicable) Paragraph 4.1 of Schedule 37 (Corporate Resolution Planning) (where applicable) Paragraph 7 of Schedule 24 (Financial Difficulties) (where applicable) or Paragraphs 3.1.12.2 or 3.3.1.2 of Part A of Schedule 26 (Sustainability) all of the following apply:

- (a) The Supplier is responsible for the Buyer's reasonable costs of procuring Replacement Deliverables for the rest of the Contract Period.
- (b) The Buyer's payment obligations under the terminated Contract stop immediately.
- (c) Accumulated rights of the Parties are not affected.
- (d) The Supplier must promptly delete or return the Government Data except where required to retain copies by Law.
- (e) The Supplier must promptly return any of the Buyer's property provided under the terminated Contract.
- (f) The Supplier must, at no cost to the Buyer, co-operate fully in the handover and re-procurement (including to a Replacement Supplier).
- (g) The Supplier must repay to the Buyer all the Charges that it has been paid in advance for Deliverables that it has not provided as at the date of termination or expiry.

14.5.2 If either Party terminates this Contract under Clause 24.3:

- (a) each party must cover its own Losses; and
- (b) Clauses 14.5.1(b) to 14.5.1(g) apply.

14.5.3 The following Clauses survive the termination or expiry of this Contract: 3.2.10, 4, 6, 7.4, 7.5, 10, 14.5, 14.6.3, 15, 18, 19, 20, 21, 22, 23, 35.3.2, 39, 40, Schedule 1 (Definitions), Schedule 3 (Charges), Schedule 7 (Staff Transfer), Schedule 30 (Exit Management)) (if used), Schedule 36 (Intellectual Property Rights) and any Clauses and Schedules which are expressly or by implication intended to continue.

14.6 When the Supplier (and the Buyer) can end the contract

14.6.1 The Supplier can issue a Reminder Notice if the Buyer does not pay an undisputed invoice on time. The Supplier can terminate this Contract if the Buyer fails to pay an undisputed invoiced sum due and worth over 10% of the total Contract Value within thirty (30) days of the date of the Reminder Notice.

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- 14.6.2 The Supplier also has the right to terminate this Contract in accordance with Clauses 24.3 and 27.5.
- 14.6.3 Where the Buyer terminates this Contract under Clause 14.3 or the Supplier terminates this Contract under Clause 14.6.1 or 27.5:
 - (a) the Buyer must promptly pay all outstanding Charges incurred to the Supplier;
 - (b) the Buyer must pay the Supplier reasonable committed and unavoidable Losses as long as the Supplier provides a fully itemised and costed schedule with evidence – the maximum value of this payment is limited to the total sum payable to the Supplier if this Contract had not been terminated; and
 - (c) Clauses 14.5.1(b)) to 14.5.1(g)) apply.

14.7 Partially ending and suspending the contract

- 14.7.1 Where the Buyer has the right to terminate this Contract it can terminate or suspend (for any period), all or part of it. If the Buyer suspends this Contract it can provide the Deliverables itself or buy them from a third party.
- 14.7.2 The Buyer can only partially terminate or suspend this Contract if the remaining parts of this Contract can still be used to effectively deliver the intended purpose.
- 14.7.3 The Parties must agree any necessary Variation required by this Clause 14.7 using the Variation Procedure, but the Supplier may not either:
 - (a) reject the Variation; or
 - (b) increase the Charges, except where the right to partial termination is under Clause 14.3.
- 14.7.4 The Buyer can still use other rights available, or subsequently available to it if it acts on its rights under this Clause 14.7.

15. How much you can be held responsible for?

- 15.1 Each Party's total aggregate liability in each Contract Year under this Contract (whether in tort, contract or otherwise) is no more than the greater of £5 million or 150% of the Estimated Yearly Charges unless specified otherwise in the Award Form.
- 15.2 Neither Party is liable to the other for:
 - 15.2.1 any indirect Losses; and/or
 - 15.2.2 Loss of profits, turnover, savings, business opportunities or damage to goodwill (in each case whether direct or indirect).

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- 15.3 In spite of Clause 15.1, neither Party limits or excludes any of the following:
 - 15.3.1 its liability for death or personal injury caused by its negligence, or that of its employees, agents or Subcontractors;
 - 15.3.2 its liability for bribery or fraud or fraudulent misrepresentation by it or its employees; and
 - 15.3.3 any liability that cannot be excluded or limited by Law.
- 15.4 In spite of Clause 15.1, the Supplier does not limit or exclude its liability for any indemnity given under Clauses 7.4, 7.5, 9.3.2, 10.2, 35.3.2 or Schedule 7 (Staff Transfer) of this Contract.
- 15.5 In spite of Clause 15.1, The Buyer does not limit or exclude its liability for any indemnity given under Clause 7 or Schedule 7 (Staff Transfer) of this Contract.
- 15.6 In spite of Clause 15.1, but subject to Clauses 15.2 and 15.3, the Supplier's total aggregate liability in each Contract Year under Clause 18.8.5 is no more than the Data Protection Liability Cap.
- 15.7 Each Party must use all reasonable endeavours to mitigate any Loss or damage which it suffers under or in connection with this Contract, including any indemnities.
- 15.8 When calculating the Supplier's liability under Clause 15.1 the following items will not be taken into consideration:
 - 15.8.1 Deductions; and
 - 15.8.2 any items specified in Clause 15.4.
- 15.9 If more than one Supplier is party to this Contract, each Supplier Party is fully responsible for both their own liabilities and the liabilities of the other Suppliers.

16. Obeying the law

- 16.1 The Supplier shall comply with the provisions of Schedule 26 (Sustainability).
- 16.2 The Supplier shall comply with the provisions of:
 - 16.2.1 the Official Secrets Acts 1911 to 1989; and
 - 16.2.2 section 182 of the Finance Act 1989.
- 16.3 The Supplier indemnifies the Buyer against any costs resulting from any Default by the Supplier relating to any applicable Law to do with this Contract.
- 16.4 The Supplier must appoint a Compliance Officer who must be responsible for ensuring that the Supplier complies with Law, Clause 16.1 and Clauses 31 to 36.

17. Insurance

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The Supplier must, at its own cost, obtain and maintain the Required Insurances in Schedule 22 (Insurance Requirements).

18. Data protection and security

- 18.1 The Supplier must process Personal Data and ensure that Supplier Staff process Personal Data only in accordance with Schedule 20 (Processing Data).
- 18.2 The Supplier must not remove any ownership or security notices in or relating to the Government Data.
- 18.3 The Supplier must make accessible back-ups of all Government Data, stored in an agreed off-site location and send the Buyer copies via a secure encrypted method upon reasonable request.
- 18.4 The Supplier must ensure that any Supplier, Subcontractor and Subprocessor system (including any cloud services or end user devices used by the Supplier, Subcontractor and Subprocessor) holding any Government Data, including back-up data, is a secure system that complies with the Cyber Essentials Schedule (if used), the Security Schedule (if used), the Security Policy and the security requirements specified in the Award Form. and otherwise as required by Data Protection Legislation.
- 18.5 If at any time the Supplier suspects or has reason to believe that the Government Data is corrupted, lost or sufficiently degraded, then the Supplier must immediately notify the Buyer and suggest remedial action.
- 18.6 If the Government Data is corrupted, lost or sufficiently degraded so as to be unusable the Buyer may either or both:
 - 18.6.1 tell the Supplier to restore or get restored Government Data as soon as practical but no later than five (5) Working Days from the date that the Buyer receives notice, or the Supplier finds out about the issue, whichever is earlier; and
 - 18.6.2 restore the Government Data itself or using a third party.
- 18.7 The Supplier must pay each Party's reasonable costs of complying with Clause 18.6 unless the Buyer is at fault.
- 18.8 The Supplier:
 - 18.8.1 must provide the Buyer with all Government Data in an agreed format (provided it is secure and readable) within ten (10) Working Days of a written request;
 - 18.8.2 must have documented processes to guarantee prompt availability of Government Data if the Supplier stops trading;
 - 18.8.3 must securely destroy all Storage Media that has held Government Data at the end of life of that media using Good Industry Practice, other than in relation to Government Data

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which is owned or licenced by the Supplier or in respect of which the Parties are either Independent Controllers or Joint Controllers;

- 18.8.4 securely erase all Government Data and any copies it holds when asked to do so by the Buyer (and certify to the Buyer that it has done so) unless and to the extent required by Law to retain it other than in relation to Government Data which is owned or licenced by the Supplier or in respect of which the Parties are either Independent Controllers or Joint Controllers; and
- 18.8.5 indemnifies the Buyer against any and all Losses incurred if the Supplier breaches Clause 18 or any Data Protection Legislation.

19. What you must keep confidential

19.1 Each Party must:

- 19.1.1 keep all Confidential Information it receives confidential and secure;
- 19.1.2 not disclose, use or exploit the Disclosing Party's Confidential Information without the Disclosing Party's prior written consent, except for the purposes anticipated under this Contract; and
- 19.1.3 immediately notify the Disclosing Party if it suspects unauthorised access, copying, use or disclosure of the Confidential Information.

19.2 In spite of Clause 19.1, a Party may disclose Confidential Information which it receives from the Disclosing Party in any of the following instances:

- 19.2.1 where disclosure is required by applicable Law, a regulatory body or a court with the relevant jurisdiction if the Recipient Party notifies the Disclosing Party of the full circumstances, the affected Confidential Information and extent of the disclosure;
- 19.2.2 if the Recipient Party already had the information without obligation of confidentiality before it was disclosed by the Disclosing Party;
- 19.2.3 if the information was given to it by a third party without obligation of confidentiality;
- 19.2.4 if the information was in the public domain at the time of the disclosure;
- 19.2.5 if the information was independently developed without access to the Disclosing Party's Confidential Information;
- 19.2.6 on a confidential basis, to its auditors or for the purpose of regulatory requirements;

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- 19.2.7 on a confidential basis, to its professional advisers on a need-to-know basis; and
- 19.2.8 to the Serious Fraud Office where the Recipient Party has reasonable grounds to believe that the Disclosing Party is involved in activity that may be a criminal offence under the Bribery Act 2010.
- 19.3 The Supplier may disclose Confidential Information on a confidential basis to Supplier Staff on a need-to-know basis to allow the Supplier to meet its obligations under this Contract. The Supplier Staff shall remain responsible at all times for compliance with the confidentiality obligations set out in this Contract by the persons to whom disclosure has been made.
- 19.4 The Buyer may disclose Confidential Information in any of the following cases:
 - 19.4.1 on a confidential basis to the employees, agents, consultants and contractors of the Buyer;
 - 19.4.2 on a confidential basis to any other Crown Body, any successor body to a Crown Body or any company that the Buyer transfers or proposes to transfer all or any part of its business to;
 - 19.4.3 if the Buyer (acting reasonably) considers disclosure necessary or appropriate to carry out its public functions;
 - 19.4.4 where requested by Parliament;
 - 19.4.5 under Clauses 4.6 and 20; and
 - 19.4.6 on a confidential basis under the audit rights in Clauses 6.5 to 6.9 (inclusive), Clause 13 (Step-in rights), Schedule 7 and Schedule 30 (if used).
- 19.5 For the purposes of Clauses 19.2 to 19.4 references to disclosure on a confidential basis means disclosure under a confidentiality agreement or arrangement including terms as strict as those required in Clause 19.
- 19.6 Transparency Information and any information which is exempt from disclosure by Clause 20 is not Confidential Information.
- 19.7 The Supplier must not make any press announcement or publicise this Contracts or any part of them in any way, without the prior written consent of the Buyer and must use all reasonable endeavours to ensure that Supplier Staff do not either.

20. When you can share information

- 20.1 The Supplier must tell the Buyer within forty eight (48) hours if it receives a Request For Information.

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20.2 In accordance with a reasonable timetable and in any event within five (5) Working Days of a request from the Buyer, the Supplier must give the Buyer full co-operation and information needed so the Buyer can:

20.2.1 publish the Transparency Information; and

20.2.2 comply with any Request for Information.

20.3 To the extent that it is allowed and practical to do so, the Buyer will use reasonable endeavours to notify the Supplier of a FOIA request and may talk to the Supplier to help it decide whether to publish information under Clause 20.1. However, the extent, content and format of the disclosure is the Buyer's decision in its absolute discretion.

21. Invalid parts of the contract

If any provision or part provision of this Contract is or becomes invalid, illegal or unenforceable for any reason, such provision or part-provision shall be deemed deleted, but that shall not affect the validity and enforceability of the rest of this Contract.

22. No other terms apply

The provisions incorporated into this Contract are the entire agreement between the Parties. The Contract replaces all previous statements, or agreements whether written or oral. No other provisions apply.

23. Other people's rights in this Contract

23.1 The provisions of Paragraphs 2.1 and 2.3 of Part A, Paragraphs 2.1, 2.3 and 3.1 of Part B, Paragraphs 1.2, 1.4 and 1.7 of Part C, Part D and Paragraphs 1.4, 1.7, 2.3, 2.5 and 2.10 of Part E of Schedule 7 (Staff Transfer) and the provisions of Paragraph 3.1, 6.1, 7.2, 8.2, 8.5, 8.6 and 8.9 of Schedule 30 (Exit Management) (together "**Third Party Provisions**") confer benefits on persons named or identified in such provisions other than the Parties (each such person a "**Third Party Beneficiary**") and are intended to be enforceable by Third Parties Beneficiaries by virtue of the Contracts (Rights of Third Parties) Act ("**CRTPA**").

23.2 Subject to Clause 23.1, no third parties may use the CRTPA to enforce any term of this Contract unless stated (referring to CRTPA) in this Contract. This does not affect third party rights and remedies that exist independently from CRTPA.

23.3 No Third Party Beneficiary may enforce, or take any step to enforce, any Third Party Provision without the prior written consent of the Buyer, which may, if given, be given on and subject to such terms as the Buyer may determine.

23.4 Any amendments or modifications to this Contract may be made, and any rights created under Clause 23.1 may be altered or extinguished, by the Parties without the consent of any Third Party Beneficiary.

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24. Circumstances beyond your control

- 24.1 Any Party affected by a Force Majeure Event is excused from performing its obligations under this Contract while the inability to perform continues, if it both:
 - 24.1.1 provides a Force Majeure Notice to the other Party; and
 - 24.1.2 uses all reasonable measures practical to reduce the impact of the Force Majeure Event.
- 24.2 Any failure or delay by the Supplier to perform its obligations under this Contract that is due to a failure or delay by an agent, Subcontractor or supplier will only be considered a Force Majeure Event if that third party is itself prevented from complying with an obligation to the Supplier due to a Force Majeure Event.
- 24.3 Either party can partially or fully terminate this Contract if the provision of the Deliverables is materially affected by a Force Majeure Event which lasts for ninety (90) days continuously.

25. Relationships created by the contract

The Contract does not create a partnership, joint venture or employment relationship. The Supplier must represent themselves accordingly and ensure others do so.

26. Giving up contract rights

A partial or full waiver or relaxation of the terms of this Contract is only valid if it is stated to be a waiver in writing to the other Party.

27. Transferring responsibilities

- 27.1 The Supplier cannot assign, novate or in any other way dispose of this Contract or any part of it without the Buyer's written consent.
- 27.2 Subject to Schedule 27 (Key Subcontractors), the Supplier cannot subcontract this Contract or any part of it without the Buyer's prior written consent. The Supplier shall provide the Buyer with information about the Subcontractor as it reasonably requests. The decision of the Buyer to consent or not will not be unreasonably withheld or delayed. If the Buyer does not communicate a decision to the Supplier within ten (10) Working Days of the request for consent then its consent will be deemed to have been given. The Buyer may reasonably withhold its consent to the appointment of a Subcontractor if it considers that:
 - 27.2.1 the appointment of a proposed Subcontractor may prejudice the provision of the Deliverables or may be contrary to its interests;
 - 27.2.2 the proposed Subcontractor is unreliable and/or has not provided reliable goods and or reasonable services to its other customers; and/or

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- 27.2.3 the proposed Subcontractor employs unfit persons.
- 27.3 The Buyer can assign, novate or transfer its Contract or any part of it to any Crown Body, public or private sector body which performs the functions of the Buyer.
- 27.4 When the Buyer uses its rights under Clause 27.3 the Supplier must enter into a novation agreement in the form that the Buyer specifies.
- 27.5 The Supplier can terminate this Contract novated under Clause 27.3 to a private sector body that is experiencing an Insolvency Event.
- 27.6 The Supplier remains responsible for all acts and omissions of the Supplier Staff as if they were its own.
- 27.7 If at any time the Buyer asks the Supplier for details about Subcontractors, the Supplier must provide details of Subcontractors at all levels of the supply chain including:
 - 27.7.1 their name;
 - 27.7.2 the scope of their appointment;
 - 27.7.3 the duration of their appointment; and
 - 27.7.4 a copy of the Sub-Contract.

28. Changing the contract

- 28.1 Either Party can request a Variation to this Contract which is only effective if agreed in writing, including where it is set out in the Variation Form, and signed by both Parties.
- 28.2 The Supplier must provide an Impact Assessment either:
 - 28.2.1 with the Variation Form, where the Supplier requests the Variation; and
 - 28.2.2 within the time limits included in a Variation Form requested by the Buyer.
- 28.3 If the Variation to this Contract cannot be agreed or resolved by the Parties, the Buyer can either:
 - 28.3.1 agree that this Contract continues without the Variation; and
 - 28.3.2 refer the Dispute to be resolved using Clause 39 (Resolving Disputes).
- 28.4 The Buyer is not required to accept a Variation request made by the Supplier.
- 28.5 The Supplier may only reject a Variation requested by the Buyer if the Supplier:
 - 28.5.1 reasonably believes that the Variation would materially and adversely affect the risks to the health and safety of any person

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or that it would result in the Deliverables being provided in a way that infringes any Law; or

28.5.2 demonstrates to the Buyer's reasonable satisfaction that the Variation is technically impossible to implement and that neither the Tender nor the Specification state that the Supplier has the required technical capacity or flexibility to implement the Variation.

28.6 If there is a General Change in Law, the Supplier must bear the risk of the change and is not entitled to ask for an increase to the Charges.

28.7 If there is a Specific Change in Law or one is likely to happen during this Contract Period the Supplier must give the Buyer notice of the likely effects of the changes as soon as reasonably practical. They must also say if they think any Variation is needed either to the Deliverables, the Charges or this Contract and provide evidence:

28.7.1 that the Supplier has kept costs as low as possible, including in Subcontractor costs; and

28.7.2 of how it has affected the Supplier's costs.

28.8 Any change in the Charges or relief from the Supplier's obligations because of a Specific Change in Law must be implemented using Clauses 28.1 to 28.4.

29. How to communicate about the contract

29.1 All notices under this Contract must be in writing and are considered effective on the Working Day of delivery as long as they're delivered before 5:00pm on a Working Day. Otherwise the notice is effective on the next Working Day. An email is effective at 9:00am on the first Working Day after sending unless an error message is received.

29.2 Notices to the Buyer must be sent to the Buyer Authorised Representative's address or email address in the Award Form.

29.3 This Clause does not apply to the service of legal proceedings or any documents in any legal action, arbitration or dispute resolution.

30. Dealing with claims

30.1 If a Beneficiary is notified of a Claim then it must notify the Indemnifier as soon as reasonably practical and no later than ten (10) Working Days.

30.2 At the Indemnifier's cost the Beneficiary must both:

30.2.1 allow the Indemnifier to conduct all negotiations and proceedings to do with a Claim; and

30.2.2 give the Indemnifier reasonable assistance with the claim if requested.

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- 30.3 The Beneficiary must not make admissions about the Claim without the prior written consent of the Indemnifier which cannot be unreasonably withheld or delayed.
- 30.4 The Indemnifier must consider and defend the Claim diligently using competent legal advisors and in a way that doesn't damage the Beneficiary's reputation.
- 30.5 The Indemnifier must not settle or compromise any Claim without the Beneficiary's prior written consent which it must not unreasonably withhold or delay.
- 30.6 Each Beneficiary must use all reasonable endeavours to minimise and mitigate any losses that it suffers because of the Claim.
- 30.7 If the Indemnifier pays the Beneficiary money under an indemnity and the Beneficiary later recovers money which is directly related to the Claim, the Beneficiary must immediately repay the Indemnifier the lesser of either:
 - 30.7.1 the sum recovered minus any legitimate amount spent by the Beneficiary when recovering this money; and
 - 30.7.2 the amount the Indemnifier paid the Beneficiary for the Claim.

31. Preventing fraud, bribery and corruption

- 31.1 The Supplier must not during the Contract Period:
 - 31.1.1 commit a Prohibited Act or any other criminal offence in the Regulations 57(1) and 57(2);
 - 31.1.2 do or allow anything which would cause the Buyer, including any of their employees, consultants, contractors, Subcontractors or agents to breach any of the Relevant Requirements or incur any liability under them.
- 31.2 The Supplier must during the Contract Period:
 - 31.2.1 create, maintain and enforce adequate policies and procedures to ensure it complies with the Relevant Requirements to prevent a Prohibited Act and require its Subcontractors to do the same;
 - 31.2.2 keep full records to show it has complied with its obligations under this Clause 31 and give copies to the Buyer on request; and
 - 31.2.3 if required by the Buyer, within twenty (20) Working Days of the Effective Date of this Contract, and then annually, certify in writing to the Buyer, that they have complied with this Clause 31, including compliance of Supplier Staff, and provide reasonable supporting evidence of this on request, including its policies and procedures.

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- 31.3 The Supplier must immediately notify the Buyer if it becomes aware of any Default of Clauses 31.1 or has any reason to think that it, or any of the Supplier Staff, have either:
 - 31.3.1 been investigated or prosecuted for an alleged Prohibited Act;
 - 31.3.2 been debarred, suspended, proposed for suspension or debarment, or are otherwise ineligible to take part in procurement programmes or contracts because of a Prohibited Act by any government department or agency;
 - 31.3.3 received a request or demand for any undue financial or other advantage of any kind related to this Contract; and
 - 31.3.4 suspected that any person or Party directly or indirectly related to this Contract has committed or attempted to commit a Prohibited Act.
- 31.4 If the Supplier notifies the Buyer as required by Clause 31.3, the Supplier must respond promptly to their further enquiries, co-operate with any investigation and allow the Audit of any books, records and relevant documentation.
- 31.5 If the Supplier is in Default under Clause 31.1 the Buyer may:
 - 31.5.1 require the Supplier to remove any Supplier Staff from providing the Deliverables if their acts or omissions have caused the Default; and
 - 31.5.2 immediately terminate this agreement in accordance with Clause 14.4.1 and the consequences of termination in Clauses 14.5.1 shall apply.
- 31.6 In any notice the Supplier gives under Clause 31.4 it must specify the:
 - 31.6.1 Prohibited Act;
 - 31.6.2 identity of the Party who it thinks has committed the Prohibited Act; and
 - 31.6.3 action it has decided to take.

32. Equality, diversity and human rights

- 32.1 The Supplier must follow all applicable equality Law when they perform their obligations under this Contract, including:
 - 32.1.1 protections against discrimination on the grounds of race, sex, gender reassignment, religion or belief, disability, sexual orientation, pregnancy, maternity, age or otherwise; and
 - 32.1.2 any other requirements and instructions which the Buyer reasonably imposes related to equality Law.
- 32.2 The Supplier must use all reasonable endeavours, and inform the Buyer of the steps taken, to prevent anything that is considered to be unlawful discrimination by any court or tribunal, or the Equality and

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Human Rights Commission (or any successor organisation) when working on this Contract.

33. Health and safety

- 33.1 The Supplier must perform its obligations meeting the requirements of:
 - 33.1.1 all applicable Law regarding health and safety; and
 - 33.1.2 the Buyer's current health and safety policy while at the Buyer's Premises, as provided to the Supplier.
- 33.2 The Supplier and the Buyer must as soon as possible notify the other of any health and safety incidents or material hazards they're aware of at the Buyer Premises that relate to the performance of this Contract.

34. Environment

- 34.1 When working on Site the Supplier must perform its obligations under the Buyer's current Environmental Policy, which the Buyer must provide.
- 34.2 The Supplier must ensure that Supplier Staff are aware of the Buyer's Environmental Policy.

35. Tax

- 35.1 The Supplier must not breach any tax or social security obligations and must enter into a binding agreement to pay any late contributions due, including where applicable, any interest or any fines. The Buyer cannot terminate this Contract where the Supplier has not paid a minor tax or social security contribution.
- 35.2 Where the Charges payable under this Contract are or are likely to exceed £5 million at any point during the relevant Contract Period, and an Occasion of Tax Non-Compliance occurs, the Supplier must notify the Buyer of it within five (5) Working Days including:
 - 35.2.1 the steps that the Supplier is taking to address the Occasion of Tax Non-Compliance and any mitigating factors that it considers relevant; and
 - 35.2.2 other information relating to the Occasion of Tax Non-Compliance that the Buyer may reasonably need.
- 35.3 Where the Supplier or any Supplier Staff are liable to be taxed or to pay National Insurance contributions in the UK relating to payment received under this Contract, the Supplier must both:
 - 35.3.1 comply with the Income Tax (Earnings and Pensions) Act 2003 and all other statutes and regulations relating to income tax, the Social Security Contributions and Benefits Act 1992 (including IR35) and National Insurance contributions; and

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- 35.3.2 indemnify the Buyer against any Income Tax, National Insurance and social security contributions and any other liability, deduction, contribution, assessment or claim arising from or made during or after the Contract Period in connection with the provision of the Deliverables by the Supplier or any of the Supplier Staff.
- 35.4 If any of the Supplier Staff are Workers who receive payment relating to the Deliverables, then the Supplier must ensure that its contract with the Worker contains the following requirements:
 - 35.4.1 the Buyer may, at any time during the Contract Period, request that the Worker provides information which demonstrates they comply with Clause 35.3.1, or why those requirements do not apply, the Buyer can specify the information the Worker must provide and the deadline for responding;
 - 35.4.2 the Worker's contract may be terminated at the Buyer's request if the Worker fails to provide the information requested by the Buyer within the time specified by the Buyer;
 - 35.4.3 the Worker's contract may be terminated at the Buyer's request if the Worker provides information which the Buyer considers isn't good enough to demonstrate how it complies with Clause 35.3.1 or confirms that the Worker is not complying with those requirements; and
 - 35.4.4 the Buyer may supply any information they receive from the Worker to HMRC for revenue collection and management.
- 36. Conflict of interest**
 - 36.1 The Supplier must take action to ensure that neither the Supplier nor the Supplier Staff are placed in the position of an actual, potential or perceived Conflict of Interest.
 - 36.2 The Supplier must promptly notify and provide details to the Buyer if an actual, potential or perceived Conflict of Interest happens or is expected to happen.
 - 36.3 The Buyer will consider whether there are any appropriate measures that can be put in place to remedy an actual, perceived or potential Conflict of Interest. If, in the reasonable opinion of the Buyer, such measures do not or will not resolve an actual or potential Conflict of Interest, the Buyer may terminate its Contract immediately by giving notice in writing to the Supplier where there is or may be an actual or potential Conflict of Interest and Clauses 14.5.1(b) to 14.5.1(g) shall apply.
- 37. Reporting a breach of the contract**
 - 37.1 As soon as it is aware of it the Supplier and Supplier Staff must report to the Buyer any actual or suspected:

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- 37.1.1 breach of Law;
- 37.1.2 Default of Clause 16.1; and
- 37.1.3 Default of Clauses 31 to 36.

37.2 The Supplier must not retaliate against any of the Supplier Staff who in good faith reports a breach or Default listed in Clause 37.1 to the Buyer or a Prescribed Person.

38. Further Assurances

Each Party will, at the request and cost of the other Party, do all things which may be reasonably necessary to give effect to the meaning of this Contract.

39. Resolving disputes

- 39.1 If there is a Dispute, the senior representatives of the Parties who have authority to settle the Dispute will, within twenty eight (28) days of a written request from the other Party, meet in good faith to resolve the Dispute by commercial negotiation.
- 39.2 If the Parties cannot resolve the Dispute via commercial negotiation, they can attempt to settle it by mediation using the Centre for Effective Dispute Resolution (CEDR) Model Mediation Procedure current at the time of the Dispute. If the Parties cannot agree on a mediator, the mediator will be nominated by CEDR. If either Party does not wish to use, or continue to use mediation, or mediation does not resolve the Dispute, the Dispute must be resolved using Clauses 39.4 to 39.6.
- 39.3 Unless the Buyer refers the Dispute to arbitration using Clause 39.5, the Parties irrevocably agree that the courts of England and Wales have the exclusive jurisdiction to:
 - 39.3.1 determine the Dispute;
 - 39.3.2 grant interim remedies; and
 - 39.3.3 grant any other provisional or protective relief.
- 39.4 The Supplier agrees that the Buyer has the exclusive right to refer any Dispute to be finally resolved by arbitration under the London Court of International Arbitration Rules current at the time of the Dispute. There will be only one arbitrator. The seat or legal place of the arbitration will be London and the proceedings will be in English.
- 39.5 The Buyer has the right to refer a Dispute to arbitration even if the Supplier has started or has attempted to start court proceedings under Clause 39.4, unless the Buyer has agreed to the court proceedings or participated in them. Even if court proceedings have started, the Parties must do everything necessary to ensure that the court proceedings are stayed in favour of any arbitration proceedings if they are started under Clause 39.5.

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39.6 The Supplier cannot suspend the performance of this Contract during any Dispute.

40. Which law applies

This Contract and any issues or Disputes arising out of, or connected to it, are governed by English law.

Schedule 1 (Definitions)

1. Definitions

- 1.1 In this Contract, unless the context otherwise requires, capitalised expressions shall have the meanings set out in this Schedule 1 (Definitions) or the relevant Schedule in which that capitalised expression appears.
- 1.2 If a capitalised expression does not have an interpretation in this Schedule or any other Schedule, it shall, in the first instance, be interpreted in accordance with the common interpretation within the relevant market sector/industry where appropriate. Otherwise, it shall be interpreted in accordance with the dictionary meaning.
- 1.3 In this Contract, unless the context otherwise requires:
 - 1.3.1 reference to a gender includes the other gender and the neuter;
 - 1.3.2 references to a person include an individual, company, body corporate, corporation, unincorporated association, firm, partnership or other legal entity or Crown Body;
 - 1.3.3 a reference to any Law includes a reference to that Law as amended, extended, consolidated, replaced or re-enacted from time to time (including as a consequence of the Retained EU Law (Revocation and Reform) Act 2023);
 - 1.3.4 the words **"including"**, **"other"**, **"in particular"**, **"for example"** and similar words shall not limit the generality of the preceding words and shall be construed as if they were immediately followed by the words **"without limitation"**;
 - 1.3.5 references to **"writing"** include typing, printing, lithography, photography, display on a screen, electronic and facsimile transmission and other modes of representing or reproducing words in a visible form, and expressions referring to writing shall be construed accordingly;
 - 1.3.6 references to **"representations"** shall be construed as references to present facts, to **"warranties"** as references to present and future facts and to **"undertakings"** as references to obligations under this Contract;
 - 1.3.7 references to **"Clauses"** and **"Schedules"** are, unless otherwise provided, references to the clauses and schedules of the Core Terms and references in any Schedule to parts, paragraphs, annexes and tables are, unless otherwise provided, references to the parts, paragraphs, annexes and tables of the Schedule in which these references appear;
 - 1.3.8 references to **"Paragraphs"** are, unless otherwise provided, references to the paragraph of the appropriate Schedules unless otherwise provided;

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- 1.3.9 references to a series of Clauses or Paragraphs shall be inclusive of the clause numbers specified;
- 1.3.10 where the Buyer is a Crown Body the Supplier shall be treated as contracting with the Crown as a whole; and
- 1.3.11 Any reference in this Contract which immediately before IP Completion Day (or such later date when relevant EU law ceases to have effect pursuant to Section 1A of the European Union (Withdrawal) Act 2018) is a reference to (as it has effect from time to time) any EU regulation, EU decision, EU tertiary legislation or provision of the EEA agreement ("**EU References**") which is to form part of domestic law by application of Section 3 of the European Union (Withdrawal) Act 2018 and which shall be read on and after IP Completion Day as a reference to the EU References as they form part of domestic law by virtue of Section 3 of the European Union (Withdrawal) Act 2018 as modified by domestic law from time to time.
- 1.4 In this Contract, unless the context otherwise requires, the following words shall have the following meanings:
- | | |
|--------------------------------------|---|
| "Achieve" | in respect of a Test, to successfully pass such Test without any Test Issues and in respect of a Milestone, the issue of a Satisfaction Certificate in respect of that Milestone and " Achieved ", " Achieving " and " Achievement " shall be construed accordingly; |
| "Additional FDE Group Member" | means any entity (if any) specified as an Additional FDE Group Member in Part A of Annex 3 of Schedule 24 (Financial Difficulties); |
| "Affected Party" | the party seeking to claim relief in respect of a Force Majeure Event; |
| "Affiliates" | in relation to a body corporate, any other entity which directly or indirectly Controls, is Controlled by, or is under direct or indirect common Control of that body corporate from time to time; |
| "Allowable Assumptions" | means the assumptions (if any) set out in Annex 2 of Schedule 3 (Charges); |
| "Annex" | extra information which supports a Schedule; |
| "Approval" | the prior written consent of the Buyer and " Approve " and " Approved " shall be construed accordingly; |
| "Associates" | means, in relation to an entity, an undertaking in which the entity owns, directly or indirectly, |

between 20% and 50% of the voting rights and exercises a degree of control sufficient for the undertaking to be treated as an associate under generally accepted accounting principles;

"Audit"

the Buyer's right to:

- (a) verify the integrity and content of any Financial Report;
- (b) verify the accuracy of the Charges and any other amounts payable by the Buyer under a Contract (including proposed or actual variations to them in accordance with this Contract);
- (c) verify the costs of the Supplier (including the costs of all Subcontractors and any third party suppliers) in connection with the provision of the Services;
- (d) verify the Open Book Data;
- (e) verify the Supplier's and each Subcontractor's compliance with the applicable Law;
- (f) identify or investigate actual or suspected breach of Clauses 3 to 37 and/or Schedule 26 (Sustainability), impropriety or accounting mistakes or any breach or threatened breach of security and in these circumstances the Buyer shall have no obligation to inform the Supplier of the purpose or objective of its investigations;
- (g) identify or investigate any circumstances which may impact upon the financial stability of the Supplier, any Guarantor, and/or any Subcontractors or their ability to provide the Deliverables;
- (h) obtain such information as is necessary to fulfil the Buyer's obligations to supply information for parliamentary, ministerial, judicial or administrative purposes including the supply of information to the Comptroller and Auditor General;
- (i) review any books of account and the internal contract management accounts kept by the Supplier in connection with this Contract;

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	(j)	carry out the Buyer's internal and statutory audits and to prepare, examine and/or certify the Buyer's annual and interim reports and accounts;
	(k)	enable the National Audit Office to carry out an examination pursuant to Section 6(1) of the National Audit Act 1983 of the economy, efficiency and effectiveness with which the Buyer has used its resources;
"Auditor"	(a)	the Buyer's internal and external auditors;
	(b)	the Buyer's statutory or regulatory auditors;
	(c)	the Comptroller and Auditor General, their staff and/or any appointed representatives of the National Audit Office;
	(d)	HM Treasury or the Cabinet Office;
	(e)	any party formally appointed by the Buyer to carry out audit or similar review functions; and
	(f)	successors or assigns of any of the above;
"Award Form"		the document outlining the Incorporated Terms and crucial information required for this Contract, to be executed by the Supplier and the Buyer;
"Beneficiary"		a Party having (or claiming to have) the benefit of an indemnity under this Contract;
"Buyer"		the public sector purchaser identified as such in the Order Form;
"Buyer Assets"		the Buyer's infrastructure, data, software, materials, assets, equipment or other property owned by and/or licensed or leased to the Buyer and which is or may be used in connection with the provision of the Deliverables which remain the property of the Buyer throughout the term of this Contract;
"Buyer Authorised Representative"		the representative appointed by the Buyer from time to time in relation to this Contract initially identified in the Award Form;
"Buyer Cause"		has the meaning given to it in the Award Form;
"Buyer Existing IPR"		means any and all IPR that are owned by or licensed to the Buyer, and where the Buyer is a Crown Body, any Crown IPR, and which are or

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	have been developed independently of this Contract (whether prior to the Effective Date or otherwise);
"Buyer Premises"	premises owned, controlled or occupied by the Buyer which are made available for use by the Supplier or its Subcontractors for the provision of the Deliverables (or any of them);
"Buyer Property"	the property, other than real property and IPR, including the Buyer System, any equipment issued or made available to the Supplier by the Buyer in connection with this Contract;
"Buyer Software"	any software which is owned by or licensed to the Buyer and which is or will be used by the Supplier for the purposes of providing the Deliverables;
"Buyer System"	the Buyer's computing environment (consisting of hardware, software and/or telecommunications networks or equipment) used by the Buyer or the Supplier in connection with this Contract which is owned by or licensed to the Buyer by a third party and which interfaces with the Supplier System or which is necessary for the Buyer to receive the Deliverables;
"Buyer Third Party"	means any supplier to the Buyer (other than the Supplier), which is notified to the Supplier from time to time;
"Buyer's Confidential Information"	<p>(a) all Personal Data and any information, however it is conveyed, that relates to the business, affairs, developments, property rights, trade secrets, Know-How and IPR of the Buyer (including all Buyer Existing IPR and New IPR);</p> <p>(b) any other information clearly designated as being confidential (whether or not it is marked "confidential") or which ought reasonably be considered confidential which comes (or has come) to the Buyer's attention or into the Buyer's possession in connection with this Contract; and</p> <p>information derived from any of the above;</p>
"Change in Law"	any change in Law which impacts on the supply of the Deliverables and performance of this Contract which comes into force after the Effective Date;

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"Change of Control"	a change of control within the meaning of Section 450 of the Corporation Tax Act 2010;
"Charges"	the prices (exclusive of any applicable VAT), payable to the Supplier by the Buyer under this Contract, as set out in the Award Form, for the full and proper performance by the Supplier of its obligations under this Contract less any Deductions;
"Claim"	any claim which it appears that a Beneficiary is, or may become, entitled to indemnification under this Contract;
"Commercially Sensitive Information"	the Confidential Information listed in Schedule 5 (Commercially Sensitive Information (if any) comprising of commercially sensitive information relating to the Supplier, its IPR or its business or which the Supplier has indicated to the Buyer that, if disclosed by the Buyer, would cause the Supplier significant commercial disadvantage or material financial loss;
"Comparable Supply"	the supply of Deliverables to another Buyer of the Supplier that are the same or similar to the Deliverables;
"Confidential Information"	means any information, however it is conveyed, that relates to the business, affairs, developments, trade secrets, Know-How, personnel and suppliers of the Buyer or the Supplier, including IPRs, together with information derived from the above, and any other information clearly designated as being confidential (whether or not it is marked as " confidential ") or which ought reasonably to be considered to be confidential;
"Conflict of Interest"	a conflict between the financial or personal duties of the Supplier or the Supplier Staff and the duties owed to the Buyer under this Contract, in the reasonable opinion of the Buyer;
"Contract"	the contract between the Buyer and the Supplier, which consists of the terms set out and referred to in the Award Form;
"Contract Period"	the term of this Contract from the earlier of the: <ul style="list-style-type: none"> (a) Start Date; or (b) the Effective Date,

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	until the End Date;
"Contract Value"	the higher of the actual or expected total Charges paid or payable under this Contract where all obligations are met by the Supplier;
"Contract Year"	a consecutive period of twelve (12) Months commencing on the Effective Date or each anniversary thereof;
"Control"	control in either of the senses defined in sections 450 and 1124 of the Corporation Tax Act 2010 and "Controlled" shall be construed accordingly;
"Controller"	has the meaning given to it in the UK GDPR or the EU GDPR as the context requires;
"Core Terms"	the Buyer's terms and conditions which apply to and comprise one part of this Contract set out in the document called "Core Terms" ;
"Costs"	<p>the following costs (without double recovery) to the extent that they are reasonably and properly incurred by the Supplier in providing the Deliverables:</p> <ul style="list-style-type: none"> (a) the cost to the Supplier or the Key Subcontractor (as the context requires), calculated per Work Day, of engaging the Supplier Staff, including: <ul style="list-style-type: none"> (i) base salary paid to the Supplier Staff; (ii) employer's National Insurance contributions; (iii) pension contributions; (iv) car allowances; (v) any other contractual employment benefits; (vi) staff training; (vii) work place accommodation; (viii) work place IT equipment and tools reasonably necessary to provide the Deliverables (but not including items included within limb (b) below); and (ix) reasonable recruitment costs, as agreed with the Buyer;

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- (b) costs incurred in respect of Supplier Assets which would be treated as capital costs according to generally accepted accounting principles within the UK, which shall include the cost to be charged in respect of Supplier Assets by the Supplier to the Buyer or (to the extent that risk and title in any Supplier Asset is not held by the Supplier) any cost actually incurred by the Supplier in respect of those Supplier Assets;
- (c) operational costs which are not included within (a) or (b) above, to the extent that such costs are necessary and properly incurred by the Supplier in the provision of the Deliverables; and
- (d) Reimbursable Expenses to the extent these have been specified as allowable in the Award Form and are incurred in delivering any Deliverables;

but excluding:

- (a) Overhead;
- (b) financing or similar costs;
- (c) maintenance and support costs to the extent that these relate to maintenance and/or support Deliverables provided beyond the Contract Period whether in relation to Supplier Assets or otherwise;
- (d) taxation;
- (e) fines and penalties;
- (f) amounts payable under Schedule 12 (Benchmarking) where such Schedule is used; and
- (g) non-cash items (including depreciation, amortisation, impairments and movements in provisions);

"COTS Software" or "Commercial off the shelf Software"

non-customised software where the IPR may be owned and licensed either by the Supplier or a third party depending on the context, and which is commercially available for purchase and subject to standard licence terms;

"Critical Service Level Failure"

has the meaning given to it in the Award Form;

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"Crown Body"	the government of the United Kingdom (including the Northern Ireland Assembly and Executive Committee, the Scottish Government and the Welsh Government), including government ministers and government departments and particular bodies, persons, commissions or agencies from time to time carrying out functions on its behalf;
"Crown IPR"	means any IPR which is owned by or licensed to the Crown, and which are or have been developed independently of this Contract (whether prior to the Effective Date or otherwise);
"CRTPA"	the Contract Rights of Third Parties Act 1999;
"Data Loss Event"	any event that results, or may result, in unauthorised access to Personal Data held by the Processor under this Contract, and/or actual or potential loss and/or destruction of Personal Data in breach of this Agreement, including any Personal Data Breach.
"Data Protection Impact Assessment"	an assessment by the Controller of the impact of the envisaged Processing on the protection of Personal Data;
"Data Protection Legislation"	(i) the UK GDPR, (ii) the DPA 2018 to the extent that it relates to processing of personal data and privacy; (iii) all applicable Law about the processing of personal data and privacy; and (iv) (to the extent that it applies) the EU GDPR;
"Data Protection Liability Cap"	has the meaning given to it in the Award Form;
"Data Protection Officer"	has the meaning given to it in the UK GDPR or the EU GDPR as the context requires;
"Data Subject"	has the meaning given to it in the UK GDPR or the EU GDPR as the context requires;
"Data Subject Access Request"	a request made by, or on behalf of, a Data Subject in accordance with rights granted pursuant to the Data Protection Legislation to access their Personal Data;
"Deductions"	all Service Credits, Delay Payments (if applicable), or any other deduction which the Buyer is paid or is payable to the Buyer under this Contract;

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"Default"	any breach of the obligations of the Supplier (including abandonment of this Contract in breach of its terms) or any other default (including Material Default), act, omission, negligence or statement of the Supplier, of its Subcontractors or any Supplier Staff howsoever arising in connection with or in relation to the subject-matter of this Contract and in respect of which the Supplier is liable to the Buyer;
"Defect"	<p>any of the following:</p> <ul style="list-style-type: none"> (a) any error, damage or defect in the manufacturing of a Deliverable; or (b) any error or failure of code within the Software which causes a Deliverable to malfunction or to produce unintelligible or incorrect results; or (c) any failure of any Deliverable to provide the performance, features and functionality specified in the requirements of the Buyer or the Documentation (including any adverse effect on response times) regardless of whether or not it prevents the relevant Deliverable from passing any Test required under this Contract; or (d) any failure of any Deliverable to operate in conjunction with or interface with any other Deliverable in order to provide the performance, features and functionality specified in the requirements of the Buyer or the Documentation (including any adverse effect on response times) regardless of whether or not it prevents the relevant Deliverable from passing any Test required under this Contract;
"Delay Payments"	the amounts (if any) payable by the Supplier to the Buyer in respect of a delay in respect of a Milestone as specified in the Implementation Plan;
"Deliverables"	Goods, Services or software that may be ordered and/or developed under this Contract including the Documentation;
"Delivery"	delivery of the relevant Deliverable or Milestone in accordance with the terms of this Contract as confirmed and accepted by the Buyer by the either

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	(a) confirmation in writing to the Supplier; or (b) where Schedule 8 (Implementation Plan and Testing) is used issue by the Buyer of a Satisfaction Certificate. "Deliver" and "Delivered" shall be construed accordingly;
"Dependent Parent Undertaking"	means any Parent Undertaking which provides any of its Subsidiary Undertakings and/or Associates, whether directly or indirectly, with any financial, trading, managerial or other assistance of whatever nature, without which the Supplier would be unable to continue the day to day conduct and operation of its business in the same manner as carried on at the time of entering into this Contract, including for the avoidance of doubt the provision of the Services in accordance with the terms of this Contract;
"Disaster"	the occurrence of one or more events which, either separately or cumulatively, mean that the Deliverables, or a material part thereof will be unavailable (or could reasonably be anticipated to be unavailable);
"Disclosing Party"	the Party directly or indirectly providing Confidential Information to the other Party in accordance with Clause 19 (What you must keep confidential);
"Dispute"	any claim, dispute or difference (whether contractual or non-contractual) arising out of or in connection with this Contract or in connection with the negotiation, existence, legal validity, enforceability or termination of this Contract, whether the alleged liability shall arise under English law or under the law of some other country and regardless of whether a particular cause of action may successfully be brought in the English courts;
"Dispute Resolution Procedure"	the dispute resolution procedure set out in Clause 39 (Resolving disputes);
"Documentation"	descriptions of the Services and Service Levels, technical specifications, user manuals, training manuals, operating manuals, process definitions and procedures, system environment descriptions and all such other documentation (whether in hardcopy or electronic form) is required to be

supplied by the Supplier to the Buyer under this Contract as:

- (a) would reasonably be required by a competent third party capable of Good Industry Practice contracted by the Buyer to develop, configure, build, deploy, run, maintain, upgrade and test the individual systems that provide the Deliverables
- (b) is required by the Supplier in order to provide the Deliverables; and/or
- (c) has been or shall be generated for the purpose of providing the Deliverables;

"DOTAS"

the Disclosure of Tax Avoidance Schemes rules which require a promoter of tax schemes to tell HMRC of any specified notifiable arrangements or proposals and to provide prescribed information on those arrangements or proposals within set time limits as contained in Part 7 of the Finance Act 2004 and in secondary legislation made under vires contained in Part 7 of the Finance Act 2004 and as extended to National Insurance Contributions;

"DPA 2018"

The Data Protection Act 2018;

"Due Diligence Information"

any information supplied to the Supplier by or on behalf of the Buyer prior to the Effective Date;

"Effective Date"

the date on which the final Party has signed this Contract;

"EIR"

the Environmental Information Regulations 2004;

"Employment Regulations"

the Transfer of Undertakings (Protection of Employment) Regulations 2006 (SI 2006/246) as amended or replaced;

"End Date"

the earlier of:

- (a) the Expiry Date as extended by the Buyer under Clause 14.2; or
- (b) if this Contract is terminated before the date specified in (a) above, the date of termination of this Contract;

"End User"

means a party that is accessing the Deliverables provided pursuant to this Contract (including the

Schedule 1 (Definitions), Crown Copyright 2023, [Subject to Contract]

	Buyer where it is accessing services on its own account as a user);
"Environmental Policy"	to conserve energy, water, wood, paper and other resources, reduce waste and phase out the use of ozone depleting substances and minimise the release of greenhouse gases, volatile organic compounds and other substances damaging to health and the environment, including any written environmental policy of the Buyer;
"Equality and Human Rights Commission"	the UK Government body named as such as may be renamed or replaced by an equivalent body from time to time;
"Escalation Meeting"	means a meeting between the Supplier Authorised Representative and the Buyer Authorised Representative to address issues that have arisen during the Rectification Plan Process;
"Estimated Year 1 Charges"	the anticipated total Charges payable by the Buyer in the first Contract Year specified in the Award Form;
"Estimated Yearly Charges"	<p>means for the purposes of calculating each Party's annual liability under Clause 15.1:</p> <ul style="list-style-type: none"> (a) in the first Contract Year, the Estimated Year 1 Charges; or (b) in any subsequent Contract Years, the Charges paid or payable in the previous Contract Year; or (c) after the end of this Contract, the Charges paid or payable in the last Contract Year during the Contract Period;
"EU GDPR"	Regulation (EU) 2016/679 of the European Parliament and of the Council of 27 April 2016 on the protection of natural persons with regard to the processing of personal data and on the free movement of such data (General Data Protection Regulation) as it has effect in EU law;
"Existing IPR"	any and all IPR that are owned by or licensed to either Party and which are or have been developed independently of this Contract (whether prior to the Start Date or otherwise);
"Exit Plan"	has the meaning given to it in Paragraph 4.1 of Schedule 30 (Exit Plan);

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"Expiry Date"	the date of the end of this Contract as stated in the Award Form;
"Extension Period"	such period or periods beyond which the Initial Period may be extended, specified in the Award Form;
"FDE Group"	the Supplier and any Additional FDE Group Member;
"Financial Distress Event"	<p>The occurrence of one or more the following events:</p> <ul style="list-style-type: none"> (a) the credit rating of any FDE Group entity drops below the applicable Credit Rating Threshold of the relevant Rating Agency; (b) any FDE Group entity issues a profits warning to a stock exchange or makes any other public announcement, in each case about a material deterioration in its financial position or prospects; (c) there being a public investigation into improper financial accounting and reporting, suspected fraud or any other impropriety of any FDE Group entity; (d) any FDE Group entity commits a material breach of covenant to its lenders; (e) a Key Subcontractor notifies the Buyer that the Supplier has not paid any material sums properly due under a specified invoice and not subject to a genuine dispute; (f) any FDE Group entity extends the filing period for filing its accounts with the Registrar of Companies so that the filing period ends more than nine (9) months after its accounting reference date without an explanation to the Buyer which the Buyer (acting reasonably) considers to be adequate; (g) any FDE Group entity is late to file its annual accounts without a public notification or an explanation to the Buyer which the Buyer (acting reasonably) considers to be adequate; (h) the directors and/or external auditors of any FDE Group entity conclude that a

Schedule 1 (Definitions), Crown Copyright 2023, [Subject to Contract]

material uncertainty exists in relation to that FDE Group entity's going concern in the annual report including in a reasonable but plausible downside scenario. This includes, but is not limited to, commentary about liquidity and trading prospects in the reports from directors or external auditors;

(i) any of the following:

- (i) any FDE Group entity makes a public announcement which contains commentary with regards to that FDE Group entity's liquidity and trading and trading prospects, such as but not limited to, a profit warning or ability to trade as a going concern;
- (ii) commencement of any litigation against any FDE Group entity with respect to financial indebtedness greater than £5m or obligations under a service contract with a total contract value greater than £5m;
- (iii) non-payment by any FDE Group entity of any financial indebtedness;
- (iv) any financial indebtedness of any FDE Group entity becoming due as a result of an event of default;
- (v) the cancellation or suspension of any financial indebtedness in respect of any FDE Group entity; or
- (vi) an external auditor of any FDE Group entity expressing a qualified opinion on, or including an emphasis of matter in, its opinion on the statutory accounts of that FDE Group entity,

in each case which the Buyer reasonably believes (or would be likely reasonably to believe) could directly impact on the continued provision of the Deliverables in accordance with this Contract; or

(j) any one of the Financial Indicators set out in Part C of Annex 2 of Schedule 24 for any of the FDE Group entities failing to meet the required Financial Target Threshold;

"Financial Report"

a report provided by the Supplier to the Buyer that:

- (a) to the extent permitted by Law, provides a true and fair reflection of the Costs and Supplier Profit Margin forecast by the Supplier;
- (b) to the extent permitted by Law, provides detail a true and fair reflection of the costs and expenses to be incurred by Key Subcontractors (as requested by the Buyer);
- (c) is in the same software package (Microsoft Excel or Microsoft Word), layout and format as the blank templates which have been issued by the Buyer to the Supplier on or before the Effective Date for the purposes of this Contract; and
- (d) is certified by the Supplier's Chief Financial Officer or Director of Finance;

"Financial Transparency Objectives"

means:

- (a) the Buyer having a clear analysis of the Costs, Overhead recoveries (where relevant), time spent by Supplier Staff in providing the Services and the Supplier Profit Margin so that it can understand any payment sought by the Supplier;
- (b) the Parties being able to understand Cost forecasts and to have confidence that these are based on justifiable numbers and appropriate forecasting techniques;
- (c) the Parties being able to understand the quantitative impact of any Variations that affect ongoing Costs and identifying how these could be mitigated and/or reflected in the Charges;
- (d) the Parties being able to review, address issues with and re-forecast progress in relation to the provision of the Services;
- (e) the Parties challenging each other with ideas for efficiency and improvements; and
- (f) enabling the Buyer to demonstrate that it is achieving value for money for the tax payer relative to current market prices;

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"FOIA"	the Freedom of Information Act 2000 and any subordinate legislation made under that Act from time to time together with any guidance and/or codes of practice issued by the Information Commissioner or relevant Government department in relation to such legislation;
"Force Majeure Event"	<p>any event, circumstance, matter or cause affecting the performance by either the Buyer or the Supplier of its obligations arising from:</p> <ul style="list-style-type: none"> (a) acts, events, omissions, happenings or non-happenings beyond the reasonable control of the Affected Party which prevent or materially delay the Affected Party from performing its obligations under a Contract; (b) riots, civil commotion, war or armed conflict, acts of terrorism, nuclear, biological or chemical warfare; (c) acts of a Crown Body, local government or regulatory bodies; (d) fire, flood or any disaster; or (e) an industrial dispute affecting a third party for which a substitute third party is not reasonably available but excluding: <ul style="list-style-type: none"> (i) any industrial dispute relating to the Supplier, the Supplier Staff (including any subsets of them) or any other failure in the Supplier or the Subcontractor's supply chain; (ii) any event, occurrence, circumstance, matter or cause which is attributable to the wilful act, neglect or failure to take reasonable precautions against it by the Party concerned; and (iii) any failure of delay caused by a lack of funds, <p>and which is not attributable to any wilful act, neglect or failure to take reasonable preventative action by that Party;</p>
"Force Majeure Notice"	a written notice served by the Affected Party on the other Party stating that the Affected Party believes that there is a Force Majeure Event;

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"General Anti-Abuse Rule"	<p>(a) the legislation in Part 5 of the Finance Act 2013; and</p> <p>(b) any future legislation introduced into parliament to counteract tax advantages arising from abusive arrangements to avoid National Insurance contributions;</p>
"General Change in Law"	<p>a Change in Law where the change is of a general legislative nature (including taxation or duties of any sort affecting the Supplier) or which affects or relates to a Comparable Supply;</p>
"Goods"	<p>goods made available by the Supplier as specified in Schedule 2 (Specification) and in relation to a Contract;</p>
"Good Industry Practice"	<p>At any time the standards, practices, methods and procedures conforming to the Law and the exercise of the degree of skill and care, diligence, prudence and foresight which would reasonably and ordinarily be expected at such time from a skilled and experienced person or body engaged within the relevant industry or business sector;</p>
"Government"	<p>the government of the United Kingdom (including the Northern Ireland Assembly and Executive Committee, the Scottish Government and the Welsh Government), including government ministers and government departments and other bodies, persons, commissions or agencies from time to time carrying out functions on its behalf;</p>
"Government Data"	<p>(a) the data, text, drawings, diagrams, images or sounds (together with any database made up of any of these) which are embodied in any electronic, magnetic, optical or tangible media, including any of the Buyer's Confidential Information, and which:</p> <p>(i) are supplied to the Supplier by or on behalf of the Buyer; and/or</p> <p>(ii) the Supplier is required to generate, process, store or transmit pursuant to this Contract; or</p> <p>(b) any Personal Data for which the Buyer is Controller;</p>

Schedule 1 (Definitions), Crown Copyright 2023, [Subject to Contract]

"Government Procurement Card"	the Government's preferred method of purchasing and payment for low value goods or services https://www.gov.uk/government/publications/government-procurement-card--2 ;
"Guarantor"	the person (if any) who has entered into a guarantee in the form set out in Schedule 23 (Guarantee) in relation to this Contract;
"Halifax Abuse Principle"	the principle explained in the CJEU Case C-255/02 Halifax and others;
"HMRC"	His Majesty's Revenue and Customs;
"ICT Environment"	the Buyer System and the Supplier System;
"ICT Policy"	the Buyer's policy in respect of information and communications technology, referred to in the Award Form (if used), which is in force as at the Effective Date (a copy of which has been supplied to the Supplier), as updated from time to time in accordance with the Variation Procedure;
"Impact Assessment"	<p>an assessment of the impact of a Variation request by the Buyer completed in good faith, including:</p> <ul style="list-style-type: none"> (a) details of the impact of the proposed Variation on the Deliverables and the Supplier's ability to meet its other obligations under this Contract; (b) details of the cost of implementing the proposed Variation; (c) details of the ongoing costs required by the proposed Variation when implemented, including any increase or decrease in the Charges (as applicable), any alteration in the resources and/or expenditure required by either Party and any alteration to the working practices of either Party; (d) a timetable for the implementation, together with any proposals for the testing of the Variation; and (e) such other information as the Buyer may reasonably request in (or in response to) the Variation request;

Schedule 1 (Definitions), Crown Copyright 2023, [Subject to Contract]

"Implementation Plan"	the plan for provision of the Deliverables set out in Schedule 8 (Implementation Plan and Testing) where that Schedule is used or otherwise as agreed between the Supplier and the Buyer;
"Incorporated Terms"	the contractual terms applicable to this Contract specified in the Award Form;
"Indemnifier"	a Party from whom an indemnity is sought under this Contract;
"Independent Controller"	a party which is Controller of the same Personal Data as the other Party and there is no element of joint control with regards to that Personal Data;
"Indexation"	the adjustment of an amount or sum in accordance with this Contract;
"Information Commissioner"	the UK's independent authority which deals with ensuring information relating to rights in the public interest and data privacy for individuals is met, whilst promoting openness by public bodies;
"Initial Period"	the initial term of this Contract specified in the Award Form;
"Insolvency Event"	<p>with respect to any person, means:</p> <ul style="list-style-type: none"> (a) that person suspends, or threatens to suspend, payment of its debts, or is unable to pay its debts as they fall due or admits inability to pay its debts, or: <ul style="list-style-type: none"> (i) (being a company or an LLP) is deemed unable to pay its debts within the meaning of section 123 of the Insolvency Act 1986, or (ii) (being a partnership) is deemed unable to pay its debts within the meaning of section 222 of the Insolvency Act 1986; (b) that person commences negotiations with one or more of its creditors (using a voluntary arrangement, scheme of arrangement or otherwise) with a view to rescheduling any of its debts, or makes a proposal for or enters into any compromise or arrangement with one or more of its creditors or takes any step to obtain a

Schedule 1 (Definitions), Crown Copyright 2023, [Subject to Contract]

moratorium pursuant to Section 1A and Schedule A1 of the Insolvency Act 1986 other than (in the case of a company, an LLP or a partnership) for the sole purpose of a scheme for a solvent amalgamation of that person with one or more other companies or the solvent reconstruction of that person;

- (c) another person becomes entitled to appoint a receiver over the assets of that person or a receiver is appointed over the assets of that person;
- (d) a creditor or encumbrancer of that person attaches or takes possession of, or a distress, execution or other such process is levied or enforced on or sued against, the whole or any part of that person's assets and such attachment or process is not discharged within fourteen (14) days;
- (e) that person suspends or ceases, or threatens to suspend or cease, carrying on all or a substantial part of its business;
- (f) where that person is a company, an LLP or a partnership:
 - (i) a petition is presented (which is not dismissed within fourteen (14) days of its service), a notice is given, a resolution is passed, or an order is made, for or in connection with the winding up of that person other than for the sole purpose of a scheme for a solvent amalgamation of that person with one or more other companies or the solvent reconstruction of that person;
 - (ii) an application is made to court, or an order is made, for the appointment of an administrator, or if a notice of intention to appoint an administrator is filed at Court or given or if an administrator is appointed, over that person;
 - (iii) (being a company or an LLP) the holder of a qualifying floating charge over the assets of that person has become entitled to appoint or has

Schedule 1 (Definitions), Crown Copyright 2023, [Subject to Contract]

	<p>appointed an administrative receiver; or</p> <p>(iv) (being a partnership) the holder of an agricultural floating charge over the assets of that person has become entitled to appoint or has appointed an agricultural receiver; or</p> <p>(g) any event occurs, or proceeding is taken, with respect to that person in any jurisdiction to which it is subject that has an effect equivalent or similar to any of the events mentioned above;</p>
"Installation Works"	all works which the Supplier is to carry out at the beginning of the Contract Period to install the Goods in accordance with this Contract;
"Intellectual Property Rights" or "IPR"	<p>(a) copyright, rights related to or affording protection similar to copyright, rights in databases, patents and rights in inventions, semi-conductor topography rights, trade marks, rights in internet domain names and website addresses and other rights in trade or business names, goodwill, designs, Know-How, trade secrets and other rights in Confidential Information;</p> <p>(b) applications for registration, and the right to apply for registration, for any of the rights listed at (a) that are capable of being registered in any country or jurisdiction; and</p> <p>(c) all other rights having equivalent or similar effect in any country or jurisdiction;</p>
"IP Completion Day"	has the meaning given to it in the European Union (Withdrawal Agreement) Act 2020;
"IPR Claim"	any claim of infringement or alleged infringement (including the defence of such infringement or alleged infringement) of any IPR (excluding COTS Software where Part B of Schedule 36 (Intellectual Property Rights) is used), used to provide the Deliverables or otherwise provided and/or licensed by the Supplier (or to which the Supplier has provided access) to the Buyer in the fulfilment of its obligations under this Contract;

Schedule 1 (Definitions), Crown Copyright 2023, [Subject to Contract]

"IR35"	the off-payroll rules requiring individuals who work through their company pay the same tax and National Insurance contributions as an employee which can be found online at: https://www.gov.uk/guidance/ir35-find-out-if-it-applies ;
"Joint Controller Agreement"	the agreement (if any) entered into between the Buyer and the Supplier substantially in the form set out in Annex 2 of Schedule 20 (Processing Data);
"Joint Control"	where two (2) or more Controllers jointly determine the purposes and means of Processing;
"Joint Controllers"	has the meaning given in Article 26 of the UK GDPR, or EU GDPR, as the context requires;
"Key Staff"	the persons who the Supplier shall appoint to fill key roles in connection with the Services as listed in Annex 1 of Schedule 29 (Key Supplier Staff);
"Key Sub-Contract"	each Sub-Contract with a Key Subcontractor;
"Key Subcontractor"	<p>any Subcontractor:</p> <ul style="list-style-type: none"> (a) which is relied upon to deliver any work package within the Deliverables in their entirety; and/or (b) which, in the opinion of the Buyer performs (or would perform if appointed) a critical role in the provision of all or any part of the Deliverables; and/or (c) with a Sub-Contract with this Contract value which at the time of appointment exceeds (or would exceed if appointed) 10% of the aggregate Charges forecast to be payable under this Contract, <p>and the Supplier shall list all such Key Subcontractors in the Award Form;</p>
"Know-How"	all ideas, concepts, schemes, information, knowledge, techniques, methodology, and anything else in the nature of know-how relating to the Deliverables but excluding know-how already in the other Party's possession before the Effective Date;

Schedule 1 (Definitions), Crown Copyright 2023, [Subject to Contract]

"Law"	any law, subordinate legislation within the meaning of Section 21(1) of the Interpretation Act 1978, bye-law, right within the meaning of the European Union (Withdrawal) Act 2018 as amended by European Union (Withdrawal Agreement) Act 2020, regulation, order, regulatory policy, mandatory guidance or code of practice, judgment of a relevant court of law, or directives or requirements of any regulatory body with which the Supplier is bound to comply;
"Law Enforcement Processing"	processing under Part 3 of the DPA 2018;
"Losses"	all losses, liabilities, damages, costs, expenses (including legal fees), disbursements, costs of investigation, litigation, settlement, judgment, interest and penalties whether arising in contract, tort (including negligence), breach of statutory duty, misrepresentation or otherwise and "Loss" shall be interpreted accordingly;
"Malicious Software"	any software program or code intended to destroy, interfere with, corrupt, or cause undesired effects on program files, data or other information, executable code or application software macros, whether or not its operation is immediate or delayed, and whether the malicious software is introduced wilfully, negligently or without knowledge of its existence;
"Material Default"	a single serious Default or a number of Defaults or repeated Defaults (whether of the same or different obligations and regardless of whether such Defaults are remedied)
"Marketing Contact"	shall be the person identified in the Award Form;
"Milestone"	an event or task described in the Implementation Plan;
"Milestone Date"	the target date set out against the relevant Milestone in the Implementation Plan by which the Milestone must be Achieved;
"Month"	a calendar month and "Monthly" shall be interpreted accordingly;

Schedule 1 (Definitions), Crown Copyright 2023, [Subject to Contract]

"National Insurance"	contributions required by the Social Security Contributions and Benefits Act 1992 and made in accordance with the Social Security (Contributions) Regulations 2001 (SI 2001/1004);
"New IPR"	<p>(a) IPR in items created by the Supplier (or by a third party on behalf of the Supplier) specifically for the purposes of this Contract and updates and amendments of these items including database schema; and/or</p> <p>(b) IPR in or arising as a result of the performance of the Supplier's obligations under this Contract and all updates and amendments to the same;</p> <p>but shall not include the Supplier's Existing IPR;</p>
"New IPR Item"	means a deliverable, document, product or other item within which New IPR subsists;
"Notifiable Default"	<p>means:</p> <p>(a) the Supplier commits a Material Default; and/or</p> <p>(b) the performance of the Supplier is likely to cause or causes a Critical Service Level Failure;</p>
"Object Code"	software and/or data in machine-readable complied object code form;
"Occasion of Tax Non – Compliance"	<p>where:</p> <p>(a) any tax return of the Supplier submitted to a Relevant Tax Authority on or after 1 October 2012 which is found on or after 1 April 2013 to be incorrect as a result of:</p> <p>(i) a Relevant Tax Authority successfully challenging the Supplier under the General Anti-Abuse Rule or the Halifax Abuse Principle or under any tax rules or legislation in any jurisdiction that have an effect equivalent or similar to the General Anti-Abuse Rule or the Halifax Abuse Principle;</p> <p>(ii) the failure of an avoidance scheme which the Supplier was involved in, and which was, or should have been, notified to a Relevant Tax Authority</p>

under the DOTAS or any equivalent or similar regime in any jurisdiction; and/or

- (b) any tax return of the Supplier submitted to a Relevant Tax Authority on or after 1 October 2012 which gives rise, on or after 1 April 2013, to a criminal conviction in any jurisdiction for tax related offences which is not spent at the Start Date or to a civil penalty for fraud or evasion;

"Open Book Data"

complete and accurate financial and non-financial information which is sufficient to enable the Buyer to verify the Charges already paid or payable and Charges forecast to be paid during the remainder of this Contract, including details and all assumptions relating to:

- (a) the Supplier's Costs broken down against each Good and/or Service and/or Deliverable, including actual capital expenditure (including capital replacement costs) and the unit cost and total actual costs of all Deliverables;
- (b) operating expenditure relating to the provision of the Deliverables including an analysis showing:
 - (i) the unit costs and quantity of Goods and any other consumables and bought-in Deliverables;
 - (iii) manpower resources broken down into the number and grade/role of all Supplier Staff (free of any contingency) together with a list of agreed rates against each manpower grade;
 - (iv) a list of Costs underpinning those rates for each manpower grade, being the agreed rate less the Supplier Profit Margin; and
 - (v) Reimbursable Expenses, if allowed under the Award Form;
- (c) Overheads;
- (d) all interest, expenses and any other third party financing costs incurred in relation to the provision of the Deliverables;

- (e) the Supplier Profit achieved over the Contract Period and on an annual basis;
- (f) confirmation that all methods of Cost apportionment and Overhead allocation are consistent with and not more onerous than such methods applied generally by the Supplier;
- (g) an explanation of the type and value of risk and contingencies associated with the provision of the Deliverables, including the amount of money attributed to each risk and/or contingency; and
- (h) the actual Costs profile for each Service Period;

"Open Licence"	means any material that is published for use, with rights to access, copy, modify and publish, by any person for free, under a generally recognised open licence including Open Government Licence as set out at http://www.nationalarchives.gov.uk/doc/open-government-licence/version/3/ and the Open Standards Principles documented at https://www.gov.uk/government/publications/open-standards-principles/open-standards-principles , and includes the Open Source publication of Software;
"Open Source"	computer Software that is released on the internet for use by any person, such release usually being made under a recognised open source licence and stating that it is released as open source;
"Open Licence Publication Material"	means items created pursuant to this Contract which the Buyer may wish to publish as Open Licence which are supplied in a format suitable for publication under Open Licence;
"Overhead"	those amounts which are intended to recover a proportion of the Supplier's or the Key Subcontractor's (as the context requires) indirect corporate costs (including financing, marketing, advertising, research and development and insurance costs and any fines or penalties) but excluding allowable indirect costs apportioned to facilities and administration in the provision of Supplier Staff and accordingly included within limb (a) of the definition of "Costs";

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"Parent Undertaking"	has the meaning set out in section 1162 of the Companies Act 2006;
"Parliament"	takes its natural meaning as interpreted by Law;
"Party"	the Buyer or the Supplier and "Parties" shall mean both of them where the context permits;
"Personal Data"	has the meaning given to it in the UK GDPR or the EU GDPR as the context requires;
"Personal Data Breach"	has the meaning given to it in the UK GDPR or the EU GDPR as the context requires;
"Prescribed Person"	a legal adviser, an MP or an appropriate body which a whistle-blower may make a disclosure to as detailed in "Whistleblowing: list of prescribed people and bodies", 24 November 2016, available online at: https://www.gov.uk/government/publications/blowing-the-whistle-list-of-prescribed-people-and-bodies--2/whistleblowing-list-of-prescribed-people-and-bodies ;
"Processing"	has the meaning given to it in the UK GDPR or the EU GDPR as the context requires;
"Processor"	has the meaning given to it in the UK GDPR or the EU GDPR as the context requires;
"Processor Personnel"	all directors, officers, employees, agents, consultants and suppliers of the Processor and/or of any Subprocessor engaged in the performance of its obligations under this Contract;
"Progress Meeting"	a meeting between the Buyer Authorised Representative and the Supplier Authorised Representative;
"Progress Report"	a report provided by the Supplier indicating the steps taken to achieve Milestones or delivery dates;
"Prohibited Acts"	(a) to directly or indirectly offer, promise or give any person working for or engaged by the Buyer or any other public body a financial or other advantage to: (i) induce that person to perform improperly a relevant function or activity; or

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	<ul style="list-style-type: none"> (ii) reward that person for improper performance of a relevant function or activity;
	(b) to directly or indirectly request, agree to receive or accept any financial or other advantage as an inducement or a reward for improper performance of a relevant function or activity in connection with this Contract; or
	(c) committing any offence: <ul style="list-style-type: none"> (i) under the Bribery Act 2010 (or any legislation repealed or revoked by such Act); or (ii) under legislation or common law concerning fraudulent acts; or (iii) defrauding, attempting to defraud or conspiring to defraud the Buyer or other public body; or
	(d) any activity, practice or conduct which would constitute one of the offences listed under (c) above if such activity, practice or conduct had been carried out in the UK;
"Protective Measures"	technical and organisational measures designed to ensure compliance with obligations of the Parties arising under Data Protection Legislation including pseudonymising and encrypting Personal Data, ensuring confidentiality, integrity, availability and resilience of systems and services, ensuring that availability of and access to Personal Data can be restored in a timely manner after an incident, and regularly assessing and evaluating the effectiveness of the such measures adopted by it including those outlined in Schedule 16 (Security);
"Public Sector Body "	means a formally established organisation that is (at least in part) publicly funded to deliver a public or government service;
"Recall"	a request by the Supplier to return Goods to the Supplier or the manufacturer after the discovery of safety issues or defects (including defects in the IPR rights) that might endanger health or hinder performance;
"Recipient Party"	the Party which receives or obtains directly or indirectly Confidential Information;

Schedule 1 (Definitions), Crown Copyright 2023, [Subject to Contract]

"Rectification Plan"	<p>the Supplier's plan (or revised plan) to rectify its breach using the template in Schedule 25 (Rectification Plan) which shall include:</p> <ul style="list-style-type: none"> (a) full details of the Notifiable Default that has occurred, including a root cause analysis; (b) the actual or anticipated effect of the Notifiable Default; and (c) the steps which the Supplier proposes to take to rectify the Notifiable Default (if applicable) and to prevent such Notifiable Default from recurring, including timescales for such steps and for the rectification of the Notifiable Default (where applicable);
"Rectification Plan Process"	<p>the process set out in Clause 11;</p>
"Regulations"	<p>the Public Contracts Regulations 2015 and/or the Public Contracts (Scotland) Regulations 2015 (as the context requires);</p>
"Reimbursable Expenses"	<p>the reasonable out of pocket travel and subsistence (for example, hotel and food) expenses, properly and necessarily incurred in the performance of the Services, calculated at the rates and in accordance with the Buyer's expenses policy current from time to time, but not including:</p> <ul style="list-style-type: none"> (a) travel expenses incurred as a result of Supplier Staff travelling to and from their usual place of work, or to and from the premises at which the Services are principally to be performed, unless the Buyer otherwise agrees in advance in writing; and (b) subsistence expenses incurred by Supplier Staff whilst performing the Services at their usual place of work, or to and from the premises at which the Services are principally to be performed;
"Relevant Requirements"	<p>all applicable Law relating to bribery, corruption and fraud, including the Bribery Act 2010 and any guidance issued by the Secretary of State pursuant to section 9 of the Bribery Act 2010;</p>
"Relevant Tax Authority"	<p>HMRC, or, if applicable, the tax authority in the jurisdiction in which the Supplier is established;</p>

Schedule 1 (Definitions), Crown Copyright 2023, [Subject to Contract]

"Reminder Notice"	a notice sent in accordance with Clause 14.6.1 given by the Supplier to the Buyer providing notification that payment has not been received on time;
"Replacement Deliverables"	any deliverables which are substantially similar to any of the Deliverables and which the Buyer receives in substitution for any of the Deliverables, whether those goods are provided by the Buyer internally and/or by any third party;
"Replacement Supplier"	any third party provider of Replacement Deliverables appointed by or at the direction of the Buyer from time to time or where the Buyer is providing Replacement Deliverables for its own account, shall also include the Buyer;
"Request For Information"	a request for information or an apparent request relating to this Contract for the provision of the Deliverables or an apparent request for such information under the FOIA or the EIRs;
"Required Action"	means the action the Buyer will take and what Deliverables it will control during the Step-In Process;
"Required Insurances"	the insurances required by Schedule 22 (Insurance Requirements);
"Satisfaction Certificate"	the certificate (materially in the form of the document contained in Annex 2 of Part B of Schedule 8 (Implementation Plan and Testing) or as agreed by the Parties where Schedule 8 is not used in this Contract) granted by the Buyer when the Supplier has Achieved a Milestone or a Test;
"Schedules"	any attachment to this Contract which contains important information specific to each aspect of buying and selling;
"Security Management Plan"	the Supplier's security management plan prepared pursuant to Schedule 16 (Security) (if applicable);
"Security Policy"	the Buyer's security policy, referred to in the Award Form (if used), in force as at the Effective Date (a copy of which has been supplied to the Supplier), as updated from time to time and notified to the Supplier;

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"Serious Fraud Office"	the UK Government body named as such as may be renamed or replaced by an equivalent body from time to time;
"Service Credits"	any service credits specified in the Annex to Part A of Schedule 10 (Service Levels) being payable by the Supplier to the Buyer in respect of any failure by the Supplier to meet one or more Service Levels;
"Service Levels"	any service levels applicable to the provision of the Deliverables under this Contract (which, where Schedule 10 (Service Levels) is used in this Contract, are specified in the Annex to Part A of such Schedule);
"Service Period"	has the meaning given to it in the Award Form;
"Services"	services made available by the Supplier as specified in Schedule 2 (Specification) and in relation to a Contract;
"Sites"	<p>any premises (including the Buyer Premises, the Supplier's premises or third party premises) from, to or at which:</p> <ul style="list-style-type: none"> (a) the Deliverables are (or are to be) provided; or (b) the Supplier manages, organises or otherwise directs the provision or the use of the Deliverables; (c) those premises at which any Supplier Equipment or any part of the Supplier System is located (where ICT Services are being provided);
"SME"	an enterprise falling within the category of micro, small and medium sized enterprises defined by the Commission Recommendation of 6 May 2003 concerning the definition of micro, small and medium enterprises;
"Social Value"	the additional social benefits that can be achieved in the delivery of this Contract set out in Schedule 2 (Specification) and either (i) Schedule 10 (Service Levels) (where used) or (ii) Part C of Schedule 26 (Sustainability) (where Schedule 10 (Service Levels) is not used);

Schedule 1 (Definitions), Crown Copyright 2023, [Subject to Contract]

"Social Value KPIs"	the Social Value priorities set out in Schedule 2 (Specification) and either (i) Schedule 10 (Service Levels) (where used) or (ii) Part C of Schedule 26 (Sustainability) (where Schedule 10 (Service Levels) is not used;
"Social Value Report"	the report the Supplier is required to provide to the Buyer pursuant to Paragraph 1 of Part C of Schedule 26 (Sustainability) where Schedule 10 (Service Levels) is not used;
"Software"	any software including Specially Written Software, COTS Software and software that is not COTS Software;
"Software Supporting Materials"	has the meaning given to it in Schedule 36 (Intellectual Property Rights);
"Source Code"	computer programs and/or data in eye-readable form and in such form that it can be compiled or interpreted into equivalent binary code together with all related design comments, flow charts, technical information and documentation necessary for the use, reproduction, maintenance, modification and enhancement of such software;
"Special Terms"	any additional terms and conditions set out in the Award Form incorporated into this Contract;
"Specially Written Software"	any software (including database software, linking instructions, test scripts, compilation instructions and test instructions) created by the Supplier (or by a Subcontractor or other third party on behalf of the Supplier) specifically for the purposes of this Contract, including any modifications or enhancements to COTS Software. For the avoidance of doubt Specially Written Software does not constitute New IPR;
"Specific Change in Law"	a Change in Law that relates specifically to the business of the Buyer and which would not affect a Comparable Supply where the effect of that Specific Change in Law on the Deliverables is not reasonably foreseeable at the Effective Date;
"Specification"	the specification set out in Schedule 2 (Specification);

"Standards"

any:

- (a) standards published by BSI British Standards, the National Standards Body of the United Kingdom, the International Organisation for Standardisation or other reputable or equivalent bodies (and their successor bodies) that a skilled and experienced operator in the same type of industry or business sector as the Supplier would reasonably and ordinarily be expected to comply with;
- (b) standards detailed in the specification in Schedule 2 (Specification);
- (c) standards agreed between the Parties from time to time;
- (d) relevant Government codes of practice and guidance applicable from time to time;

"Start Date"

the date specified on the Award Form;

"Step-In Process"

the process set out in Clause 13;

"Step-In Trigger Event"

means:

- (a) the Supplier's level of performance constituting a Critical Service Level Failure;
- (b) the Supplier committing a Material Default which is irremediable;
- (c) where a right of termination is expressly reserved in this Contract;
- (d) an Insolvency Event occurring in respect of the Supplier or any Guarantor;
- (e) a Default by the Supplier that is materially preventing or materially delaying the provision of the Deliverables or any material part of them;
- (f) the Buyer considers that the circumstances constitute an emergency despite the Supplier not being in breach of its obligations under this agreement;
- (g) the Buyer being advised by a regulatory body that the exercise by the Buyer of its rights under Clause 13 is necessary;

Schedule 1 (Definitions), Crown Copyright 2023, [Subject to Contract]

	<ul style="list-style-type: none"> (h) the existence of a serious risk to the health or safety of persons, property or the environment in connection with the Deliverables; and/or (i) a need by the Buyer to take action to discharge a statutory duty;
"Step-Out Plan"	means the Supplier's plan that sets out how the Supplier will resume the provision of the Deliverables and perform all its obligations under this Contract following the completion of the Step-In Process;
"Storage Media"	the part of any device that is capable of storing and retrieving data;
"Sub-Contract"	<p>any contract or agreement (or proposed contract or agreement), other than this Contract, pursuant to which a third party:</p> <ul style="list-style-type: none"> (a) provides the Deliverables (or any part of them); (b) provides facilities or services necessary for the provision of the Deliverables (or any part of them); and/or (c) is responsible for the management, direction or control of the provision of the Deliverables (or any part of them);
"Subcontractor"	any person other than the Supplier, who is a party to a Sub-Contract and the servants or agents of that person;
"Subprocessor"	any third Party appointed to process Personal Data on behalf of the Processor related to this Contract;
"Subsidiary Undertaking"	has the meaning set out in section 1162 of the Companies Act 2006;
"Supplier"	the person, firm or company identified in the Award Form;
"Supplier Assets"	all assets and rights used by the Supplier to provide the Deliverables in accordance with this Contract but excluding the Buyer Assets;
"Supplier Authorised Representative"	the representative appointed by the Supplier named in the Award Form, or later defined in a Contract;

Schedule 1 (Definitions), Crown Copyright 2023, [Subject to Contract]

"Supplier Equipment"	the Supplier's hardware, computer and telecoms devices, equipment, plant, materials and such other items supplied and used by the Supplier (but not hired, leased or loaned from the Buyer) in the performance of its obligations under this Contract;
"Supplier Existing IPR"	any and all IPR that are owned by or licensed to the Supplier and which are or have been developed independently of this Contract (whether prior to the Effective Date or otherwise);
"Supplier Existing IPR Licence"	means a licence to be offered by the Supplier to the Supplier Existing IPR as set out in Schedule 36 (Intellectual Property Rights);
"Supplier Group"	means the Supplier, its Dependent Parent Undertakings and all Subsidiary Undertakings and Associates of such Dependent Parent Undertakings;
"Supplier New and Existing IPR Licence"	means a licence to be offered by the Supplier to the New IPR and Supplier Existing IPR as set out in Schedule 36 (Intellectual Property Rights);
"Supplier Non-Performance"	where the Supplier has failed to: <ul style="list-style-type: none"> (a) Achieve a Milestone by its Milestone Date; (b) provide the Goods and/or Services in accordance with the Service Levels ; and/or (c) comply with an obligation under this Contract;
"Supplier Profit"	in relation to a period, the difference between the total Charges (in nominal cash flow terms but excluding any Deductions and total Costs (in nominal cash flow terms) in respect of this Contract for the relevant period;
"Supplier Profit Margin"	in relation to a period or a Milestone (as the context requires), the Supplier Profit for the relevant period or in relation to the relevant Milestone divided by the total Charges over the same period or in relation to the relevant Milestone and expressed as a percentage;
"Supplier Staff"	all directors, officers, employees, agents, consultants and contractors of the Supplier and/or of any Subcontractor engaged in the performance of the Supplier's obligations under this Contract;

Schedule 1 (Definitions), Crown Copyright 2023, [Subject to Contract]

"Supplier System"	the information and communications technology system used by the Supplier in supplying the Deliverables, including the COTS Software, the Supplier Equipment, configuration and management utilities, calibration and testing tools and related cabling (but excluding the Buyer System);
"Supplier's Confidential Information"	<p>(a) any information, however it is conveyed, that relates to the business, affairs, developments, IPR of the Supplier (including the Supplier Existing IPR) trade secrets, Know-How, and/or personnel of the Supplier;</p> <p>(b) any other information clearly designated as being confidential (whether or not it is marked as "confidential") or which ought reasonably to be considered to be confidential and which comes (or has come) to the Supplier's attention or into the Supplier's possession in connection with this Contract;</p> <p>(c) information derived from any of (a) and (b) above;</p>
"Supplier's Contract Manager"	the person identified in the Award Form appointed by the Supplier to oversee the operation of this Contract and any alternative person whom the Supplier intends to appoint to the role, provided that the Supplier informs the Buyer prior to the appointment;
"Supply Chain Information Report Template"	the document at Annex 1 of Schedule 18 (Supply Chain Visibility);
"Supporting Documentation"	sufficient information in writing to enable the Buyer to reasonably assess whether the Charges, Reimbursable Expenses and other sums due from the Buyer under this Contract detailed in the information are properly payable;
"Tender Response"	the tender submitted by the Supplier to the Buyer and annexed to or referred to in Schedule 4 (Tender);
"Termination Assistance"	the activities to be performed by the Supplier pursuant to the Exit Plan, and other assistance required by the Buyer pursuant to the Termination Assistance Notice;

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"Termination Assistance Period"	the period specified in a Termination Assistance Notice for which the Supplier is required to provide the Termination Assistance as such period may be extended pursuant to Paragraph 5.2 of Schedule 30 (Exit Management);
"Termination Assistance Notice"	has the meaning given to it in Paragraph 5.1 of Schedule 30 (Exit Management);
"Termination Notice"	a written notice of termination given by one Party to the other, notifying the Party receiving the notice of the intention of the Party giving the notice to terminate this Contract on a specified date and setting out the grounds for termination;
"Test Issue"	any variance or non-conformity of the Deliverables or Deliverables from their requirements as set out in this Contract;
"Test Plan"	a plan: <ul style="list-style-type: none"> (a) for the Testing of the Deliverables; and (b) setting out other agreed criteria related to the achievement of Milestones;
"Tests and Testing"	any tests required to be carried out pursuant to this Contract as set out in the Test Plan or elsewhere in this Contract and "Tested" shall be construed accordingly;
"Third Party IPR"	Intellectual Property Rights owned by a third party which is or will be used by the Supplier for the purpose of providing the Deliverables;
"Third Party IPR Licence"	means a licence to the Third Party IPR as set out in Paragraph 1.6 of Schedule 36 (Intellectual Property Rights);
"Transparency Information"	the Transparency Reports and the content of this Contract, including any changes to this Contract agreed from time to time, except for – <ul style="list-style-type: none"> (a) any information which is exempt from disclosure in accordance with the provisions of the FOIA, which shall be determined by the Buyer; and (b) Commercially Sensitive Information;

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"Transparency Reports"	the information relating to the Deliverables and performance pursuant to this Contract which the Supplier is required to provide to the Buyer in accordance with the reporting requirements in Schedule 6 (Transparency Reports);
"UK GDPR"	has the meaning as set out in section 3(10) of the DPA 2018, supplemented by section 205(4) of the DPA 2018;
"Variation"	means a variation to this Contract;
"Variation Form"	the form set out in Schedule 21 (Variation Form);
"Variation Procedure"	the procedure set out in Clause 28 (Changing the contract);
"VAT"	value added tax in accordance with the provisions of the Value Added Tax Act 1994;
"VCSE"	a non-governmental organisation that is value-driven and which principally reinvests its surpluses to further social, environmental or cultural objectives;
"Verification Period"	has the meaning given to it in the table in Annex 2 of Schedule 3 (Charges);
"Work Day"	7.5 Work Hours, whether or not such hours are worked consecutively and whether or not they are worked on the same day;
"Work Hours"	the hours spent by the Supplier Staff properly working on the provision of the Deliverables including time spent travelling (other than to and from the Supplier's offices, or to and from the Sites) but excluding lunch breaks;
"Worker"	any one of the Supplier Staff which the Buyer, in its reasonable opinion, considers is an individual to which Procurement Policy Note 08/15 (Tax Arrangements of Public Appointees) (https://www.gov.uk/government/publications/procurement-policy-note-0815-tax-arrangements-of-appointees) applies in respect of the Deliverables; and
"Working Day"	any day other than a Saturday or Sunday or public holiday in England and Wales unless specified otherwise by the Parties in the Award Form.

Schedule 1 (Definitions), Crown Copyright 2023, [Subject to Contract]

National Zoning Model – Lot 3.1 Scope of Works

Schedule 2 (Specification)

This Schedule sets out what the Buyer wants.

For all Deliverables, the Supplier must help the Buyer comply with any specific applicable Standards of the Buyer.

As per prj_4156 DESNZ NZM modelling ITT – Section 2 and additional appendices:



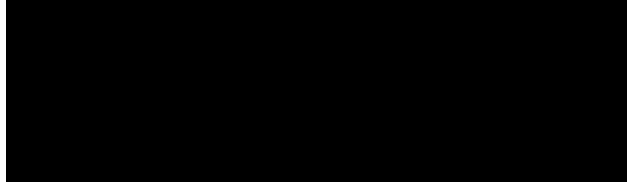
prj_4156 DESNZ
NZM modelling ITT.pc

Annex C – Model management and data analytics contract



prj_4156 Annex C -
Model management a

REDACTED UNDER FOIA SECTION 40, PERSONAL INFORMATION



NZM modelling ITT Clarification Questions Log



prj_4156 NZM
modelling ITT Clarifica

Section 2 of the ITT:

1. Introduction and aims of requirements

- 1.1. The Department for Energy Security and Net Zero (DESNZ) is using Lot 3.1 from its Heat Network Zoning Framework to commission a primary National Zoning Model (NZM) developer from December 2024 until March 2026.
- 1.2. Model developers are required to further develop the NZM which has been built in collaboration with a range of organisations over the last 2-3 years. The model supports the identification of heat network zones (HNZs) in a standardised, consistent, efficient, and cost-effective manner. It produces maps and datasets describing the location and scale of indicative heat network zones. The indicative zones produced will be geographical areas where heat networks are expected to be the lowest cost technology to decarbonise heat used in buildings.

National Zoning Model – Lot 3.1 Scope of Works

- 1.3. The model uses multiple national and local data sets to build up a granular building-by-building understanding of the likely heating demand, heat supply opportunities and routing constraints within each area. It then applies a range of national and local assumptions used widely across the industry to understand where heat networks are likely to meet the lowest cost, low carbon test outlined above. It uses a set of algorithms to perform calculations and optimise solutions at scale which would otherwise take months to generate manually.
- 1.4. The model is developed primarily in Clojure, at present DESNZ anticipate this shall remain the case for the duration of the contract. The codebase will be shared with all suppliers on Lot 3.1 from its Heat Network Zoning Framework under existing confidentiality clauses.

2. Background to the requirement

- 2.1. Decarbonising heat is an integral part of the government's strategy and underpins the Net Zero Strategy. Heat Network Zoning is a key policy aimed to support the pace and scale of decarbonisation required as outlined in more detail in previous procurement documentation. Our stated aim to introduce Zoning by no later than 2025 remains, and therefore this tender specification is written based on adhering to that timeframe.
- 2.2. The NZM, which supports the identification of heat network zones, is one of six key heat network zoning workstreams led by DESNZ. The NZM is a data-led spatial energy model developed by the Centre for Sustainable Energy for DESNZ to identify indicative heat network zones across England. The NZM provides granular outputs which, when supplemented with local data, will identify areas that may be taken forward for refinement and, subsequently, designation as heat network zones. This is described in more detail in previous procurement documentation.
- 2.3. The original aims of the NZM, as written in 2021, are as follows:
 - enable a standardised approach for setting heat network zones that is robust, transparent and minimises duplication of effort;
 - provide a consistent foundation for the use of national policy levers to support heat network development within designated zones;
 - reduce the burden on local actors by virtue of following a standard approach as opposed to designing a new approach each time; and
 - provide a common architecture which allows for the methodology to be updated as and when new assumptions, parameters, carbon targets or policies are introduced.

National Zoning Model – Lot 3.1 Scope of Works

2.4. The National Zoning Model is one of six interrelated workstreams that make up the Heat Network Zoning Transformation Programme (HNZTP). This programme aims to prepare for the introduction of heat network zoning in 2025. The programme consists of several workstreams, described below:

- **Legislation:** Establish the HN Zoning Policy; with defined statutory roles & responsibilities that enable subsequent delivery of HNZs at desired scale and pace
- **National HNZ Modelling:** Develop a robust HNZ identification model, and establish DESNZ capability to continually assure, support and operate the model
- **Digital:** Develop an online digital service to provide HNZ information to stakeholders including the visualisation of the HNZ identification model outputs
- **Routes to Market:** Develop standards routes to market for the zone delivery procurement/appointment approach by Zone Co-ordinators
- **Advanced Zoning Programme:** Undertake development work to support delivery of at least 10 zonal scale HNs in 2025 aligned with the HN Zoning Policy
- **Central Authority/Zone Co-ordinator:** Explore the capability of establishing a Central Authority/Zone Co-ordinators (including functions, responsibilities, roles & step-in powers)

2.5. The scope of the model is England, as heat policy is devolved. To date, the model and its outputs have been shared with a range of stakeholders including 28 towns & cities participating in the HNZ Pilot Programme, HNDU feasibility studies, the Advanced Zoning Programme, the Greater London Authority's sub-regional Local Area Energy Plans and for underpinning DESNZ' heat network growth and deployment scenario planning.

2.6. It is envisaged that the model outputs will fully integrate with the new digital service ready for MVP launch during this contract period in 2025. As we move into the operational phase of HN Zoning, we have tried to envisage the likely tasks that will be required in relation to the model development but our experience shows that greater exposure of the model's outputs can often generate new requirements for the workstream and therefore it is likely that priorities may change over the period of the contract.

Existing Suppliers

2.7. The NZM is currently being developed by a primary model developer, who is in contract until December 2024. Separately, we have commissioned a supplier to quality assure the codebase before the end of the year. The NZM workstream is

National Zoning Model – Lot 3.1 Scope of Works

also supported by a supplier delivering holistic model management and analytical requirements, in contract until March 2025.

- 2.8. We will also be commissioning ‘Off-model research’ to improve our understanding of the National Zoning Model (NZM) outputs and explore impacts of future policies and changes in the energy market.
- 2.9. A separate commission will also ensure we increase the number of suppliers capable of using the software model, thereby enhancing operational resilience and ensuring business continuity.

NZM Model Architecture

- 2.10. As set out in the second consultation, a heat network zone has several stages during which different bodies will carry out specific actions. The first stage of the zoning methodology is the identification of indicative heat network zones across England by the Central Authority. This will be carried out using the National Zoning Model. **Therefore, it is essential that the Department has a fully Quality Assured MVP National Zoning Model for the policy launch date as it is the first stage in the process.** Any features developed as part of this contract must also be quality assured before their full release.
- 2.11. The second part of the zoning methodology is the refinement of the indicative heat network zones. Both the Central Authority and the relevant Zone Coordinator will review the outputs of the model to check for accuracy. Where appropriate, they will collect additional data to ensure that the indicative zones have been identified using the most accurate information.
- 2.12. The NZM is a data-led spatial energy model developed by the Centre for Sustainable Energy for DESNZ to identify indicative heat network zones across England. The NZM provides granular outputs which, when supplemented with local data, will identify areas that may be taken forward for refinement and, subsequently, designation as heat network zones.
- 2.13. The Department has developed the NZM as part of the Heat Networks Zoning Pilot Programme, utilising a specialist team with experience in heat networks, software development and energy modelling, along with input from local authorities and the department’s Heat Networks Delivery Unit. The model uses of a range of data sources, processing, and optimisation to identify indicative zones.

National Zoning Model – Lot 3.1 Scope of Works

2.14. The modelling stages are described in more detail below:

Data led mapping: the model uses a range of data sources to construct a data-rich map of individual building heat demands, potential pipe routes, potential low carbon heat supply opportunities and geographical features that may act as hard boundaries.

Lowest cost, low-carbon options evaluated: the model evaluates the low-carbon options for each building – a low-carbon heat network and an individual building air source heat pump – by combining the mapped data with a standard set of assumptions about technology costs and performance.

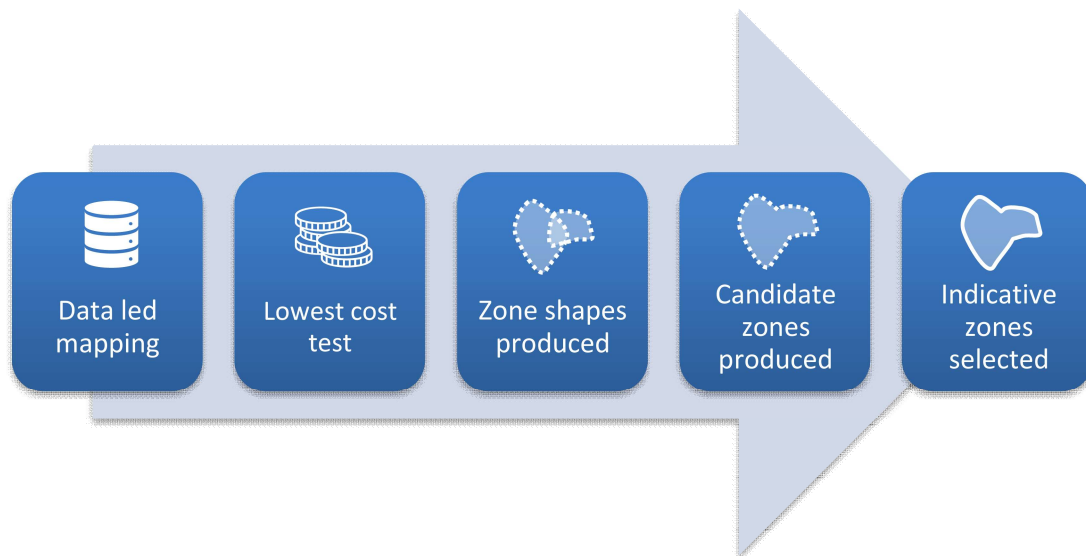
The model uses an iterative optimisation algorithm to find the lowest cost combination of Air Source Heat Pumps and heat networks in an area, which subsequently identifies a suggested heating solution for each building. The model repeats the optimisation process using a range of scenarios for the price of heat provided to the distribution network – the “heat price scenarios” – and generates a range of solutions for each building. In later stages, the model will match heat demand to available heat sources to identify the largest potential heat network based on the cost of heat.

Zone shapes produced: The model discards areas that do not contain any modelled network and combines adjoining areas in the same price scenario to create “zone shapes”.

Candidate zones produced: The model connects every zone shape to a heat source provided to the model if the cost of heat from the source is lower than the heat price scenario. This creates many instances which could become zones, called “candidate zones”.

Indicative zones selected: Candidate zones may overlap or compete for a single heat source. The model sorts all candidate zones by size and by economic potential. It selects the top configuration as the first indicative heat network zone and removes any other candidate zones which compete for a heat source or overlap spatially. This process continues for the next largest zone until all candidate zones have been selected or discarded.

National Zoning Model – Lot 3.1 Scope of Works



We know that many stakeholders will be interested in the outputs of the NZM. The model, and its outputs, will therefore need to be clearly communicated to a range of stakeholders, including local government, building developers and owners, to support local refinement and designation. We will continue to refine the model and develop the underlying evidence to achieve this.

Current Model

2.15. The National Zoning Model has been primarily developed by the Centre for Sustainable Energy. The purpose of the model is to support the initial identification of indicative heat network zones. The model is highly parameterised and flexible: what a zone is, and what properties a zone must have, depend to an extent on what values are entered as parameters.

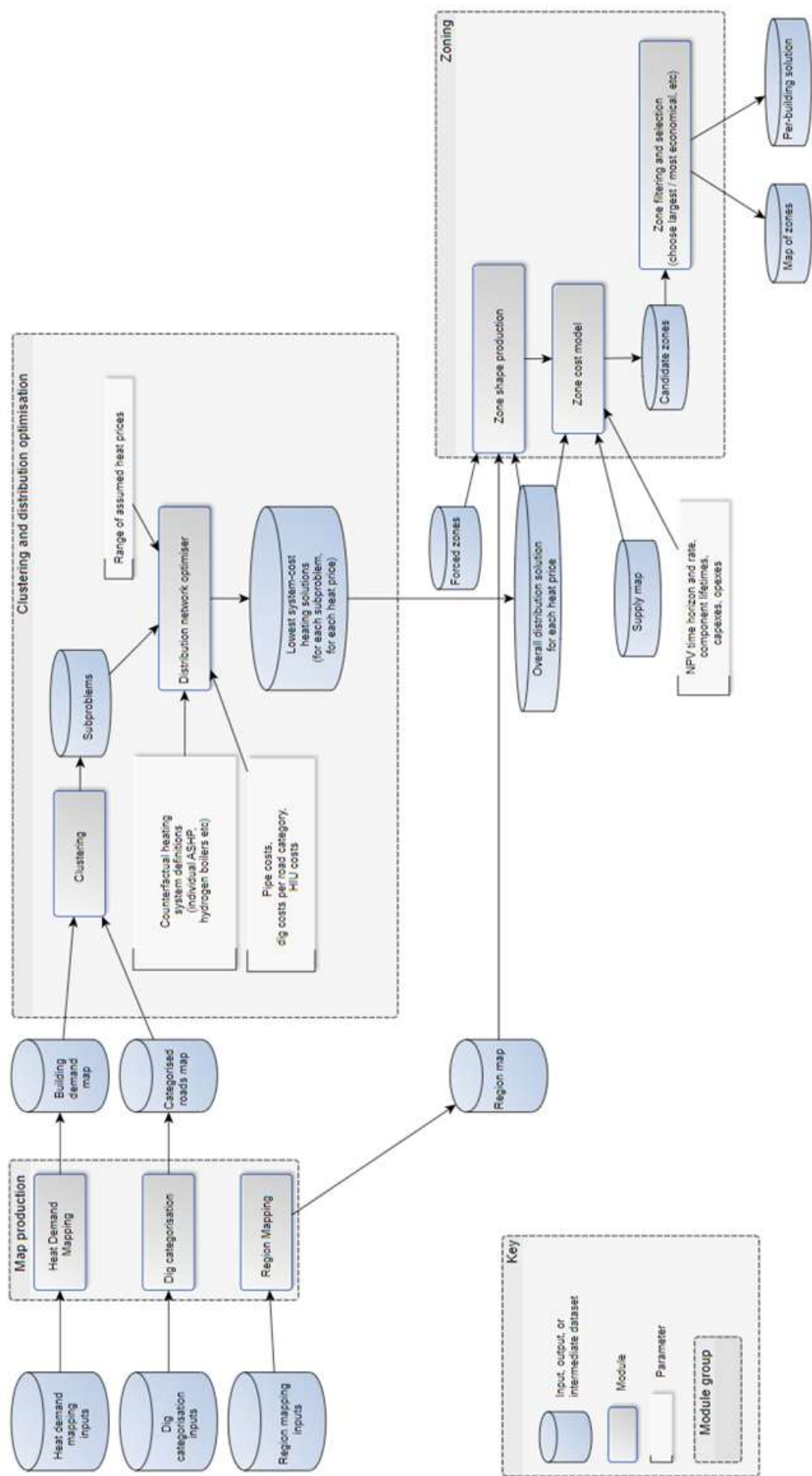
2.16. The NZM contains the following 8 main modules:

1. **Dig categorisation model:** assigns each road a classification for use in the optimiser
2. **Heat demand model:** prepares building-level demand data for the optimiser
3. **Region mapping module:** produces region polygons that can be joined to form larger shapes for the zoner
4. **Clustering:** partitions buildings into clusters by road network distance, to create computationally tractable optimisation problems.
5. **Distribution network optimisation:** uses MILP to identify a minimised present cost of heating for all the buildings in a cluster
6. **Zone shape production module:** creates candidate zone shapes based on outputs of region mapping and optimisation

National Zoning Model – Lot 3.1 Scope of Works

7. **Zone cost module:** evaluates zones financially, turning candidate zone shapes into candidate zones
8. **Zone selection module:** selects a non-competing set of zones from the candidate zones

National Zoning Model – Lot 3.1 Scope of Works



NZM team structure

2.17. The NZM team consists of both DESNZ staff and external consultancy support. As of September 2024, there is a new NZM governance structure which the workstream reports to. The Deputy Director for Heat Networks is the NZM Commissioner and the Deputy Director for Clean Heat Analysis is the NZM Assurer. HNDU staff have responsibility for the National Zoning Model workstream, with support from analysts within Clean Heat Analysis. The successful supplier would report into the DESNZ workstream lead and be expected to collaborate with other suppliers supporting the workstream.

3. Aims

The overall aims of this tender are split into four main workstreams:

- **National Model Runs:** undertake national model runs to identify indicative heat network zones across England; improving the pace of production and user acceptance of outputs.
- **Feature Development:** further develop model functionality to add to the existing modelled characteristics; improve the quality of outputs; and align with latest policy development.
- **Data Integration:** integrate new datasets from multiple sources to improve the completeness, accuracy and relevance of underpinning data to improve model confidence.
- **Quality Assurance:** achieve/maintain Departmental Quality assurance of the NZM as it continues to develop, to ensure that the model meets the specified requirements.

1. Requirements

4.1 The MVP for the National Heat Network Zoning Modelling workstream is the delivery of a set of indicative heat network zones for England, ready to be published on a digital service (being developed by a separate workstream). The outputs must be produced by a model which has passed DESNZ QA processes, proportional to the scale of the decisions guided by the modelling outputs.

4.2 This scope of works is split into four key work packages which support the aims outline in section 3:

- **Work Package 1:** Hosting & National Model Runs
- **Work Package 2:** Feature Development

- **Work Package 3:** Data Integration *and*
- **Work Package 4:** Quality Assurance.

Work Package 1: Hosting & National Model Runs

Host the NZM on appropriate cloud infrastructure, undertake frequent National Model Runs (NMRs) until March 2026 to test, improve and enhance our ability to model indicative heat network zones across England.

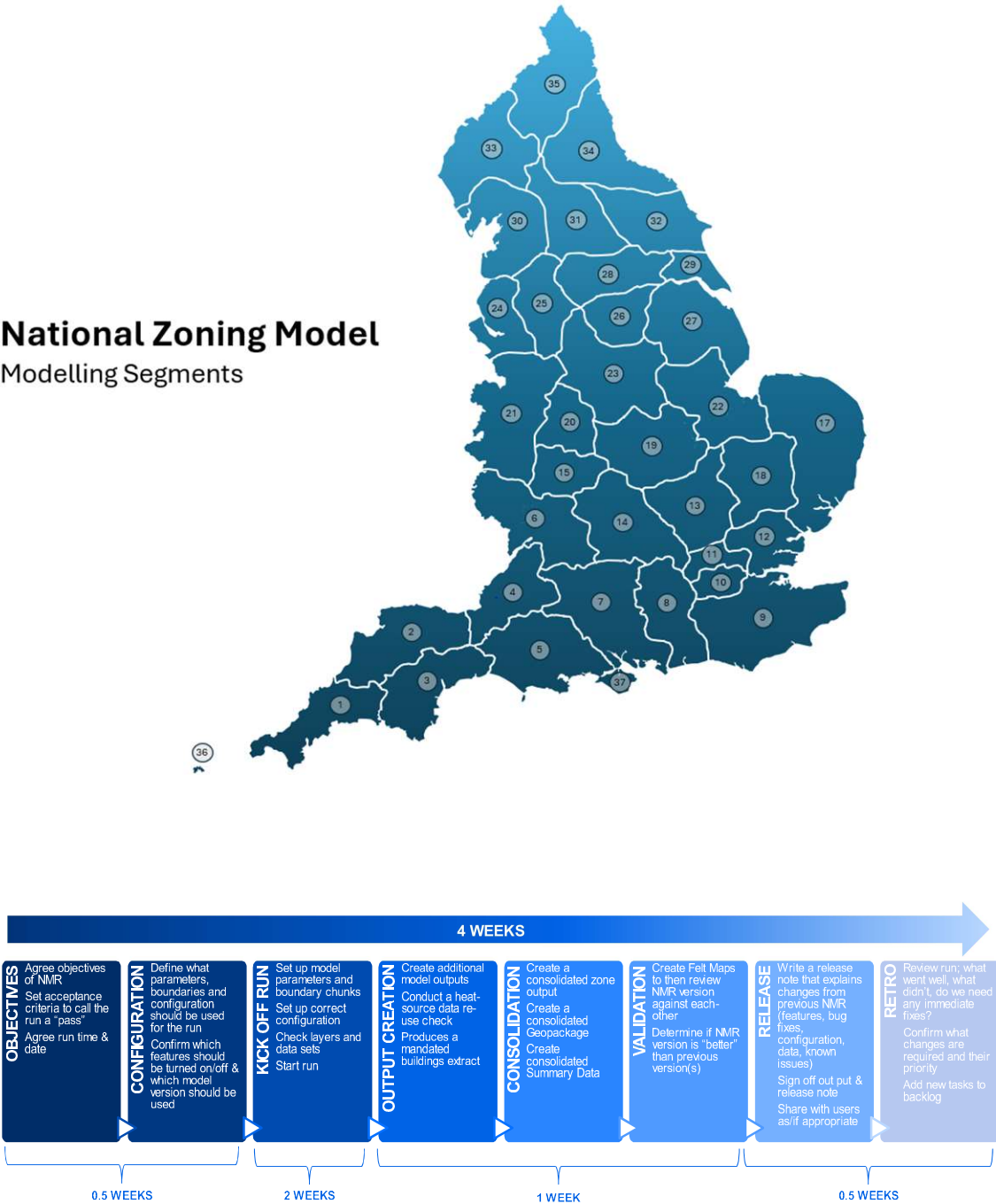
National Model Runs

One key deliverable for the NZM workstream is NMRs – a set of outputs from a Quality Assured model identifying indicative zones for England. These outputs will be the basis of later activities carried out at a local level to refine and designate zones across the country. To date, three NMRs have been completed to establish and develop the modelling capability to do so within a reasonable timeframe. It is anticipated that two further NMRs will be undertaken before December 2024 and then quarterly until the end of this contract. These NMRs will be completed to further develop the modelling and surrounding processes, as well as to understand the impact of continued model development on the national picture of indicative zones.

National Model Runs: The NMRs shall

- cover England (including the Isle of Wight & Isles of Scilly).
- be delivered within two weeks or less once it has been commissioned (based on current timescales and improvements in efficiency of model runs)
- seek to improve efficiency with an aim of costing less than £4,000 per model run for external computing resource
- be made available in an online viewer for internal DESNZ review and made available in geospatial formats for external use.

The model currently cuts England into 37 separate modelling segments, delineated by corridors of lowest heat demand – i.e. areas in which we would not expect to find any heat networks and therefore will not impact the model's ability to consider cross boundary (district, local or regional) heat networks. These are then stitched together to create an NMR. We expect this to remain the approach for the duration of the contract. The modelling segments are illustrated below:



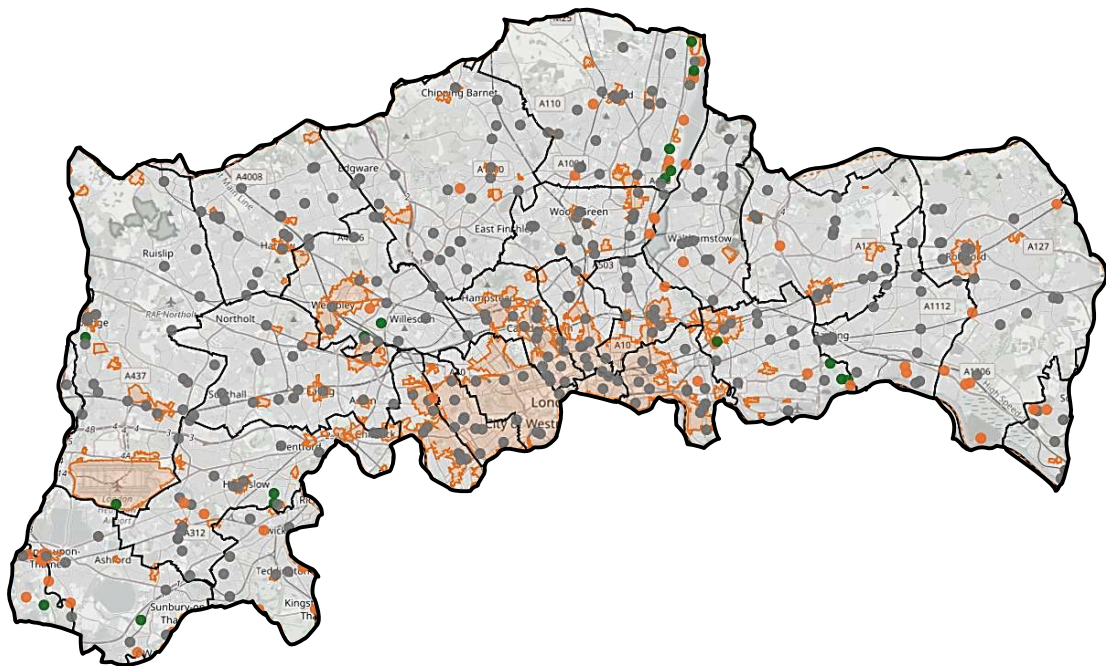
Testing Features: New model features, datasets, or changes to modelling parameters shall be tested at a local or regional level first in between these model runs on an ad-hoc basis. This is to test whether changes in the model are likely to result in acceptable or expected outcome before incorporating them into an NMR.

For the purposes of this specification, we propose that features are first tested at a local level on two specific segments, before being tested at a national level. The time (<day) and cost (< £300) of running these segments is significantly

less than the computing costs of undertaking a complete NMR (~2 weeks and £6,000). The rationale for choosing these two segments is provided below:

North London Model Segment

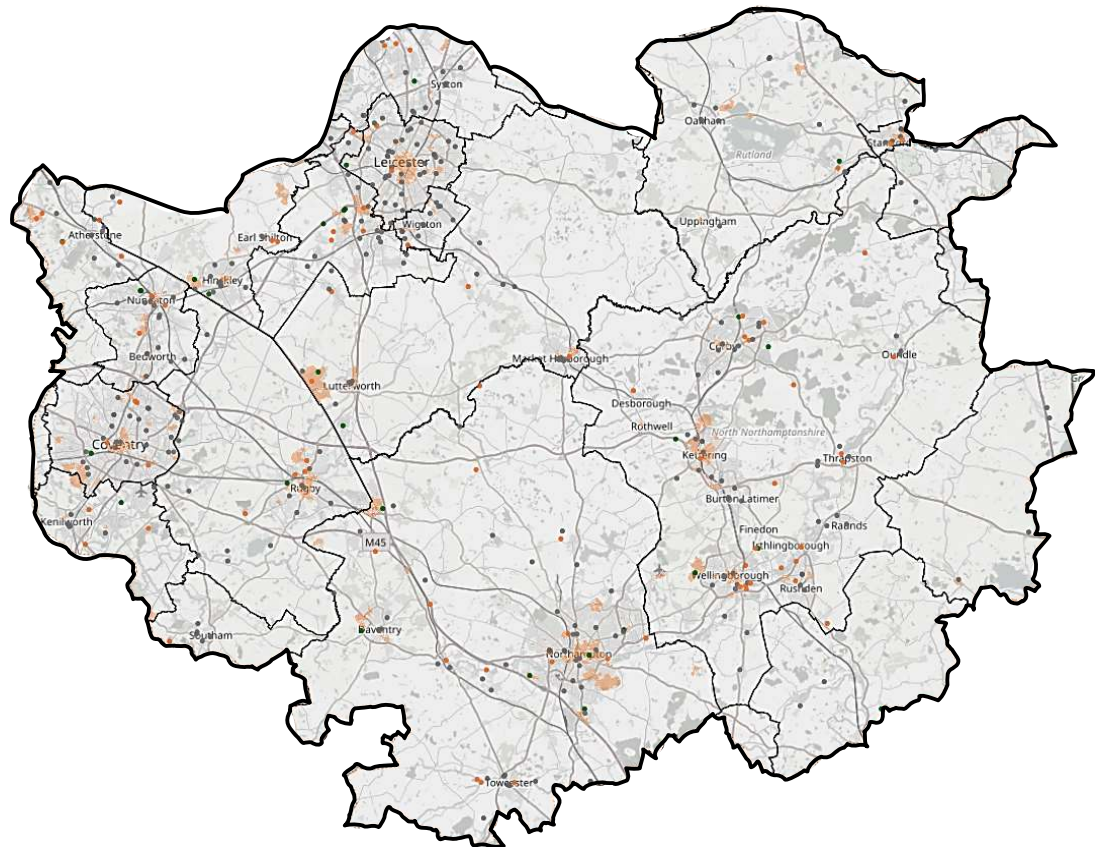
The North London Model Segment comprises 1.3m buildings, with c. 37TWh of heat demand of which 10TWh (28%) is currently identified as suitable for heat networks within 85 zones. The southern edge of the segment is bounded by the River Thames, the northern edge broadly follows either the northern edge of outer London Boroughs or the M25 motorway. This segment includes one of the largest zones identified within the National Zoning Model and often has a wide range of variability, with inner London influencing 'zones' identified in outer London, and therefore is a suitable candidate for this commission.



Midlands Model Segment

The Midlands Model Segment comprises 900,000 buildings, with c. 16TWh of heat demand of which 3TWh (20%) is currently identified as suitable for heat networks within 121 zones. It covers large proportions of Warwickshire, Leicestershire and Northamptonshire. This segment includes large cities (including Coventry and Leicester), rural areas, a variety of heavy and light industrial sites and multiple health and educational campuses. It is representative of the overall % of heat network deployment across England

(20%) and is familiar to the NZM Workstream Lead. Since the outset, it has often been used to test the model features before being run at a national level and is therefore a suitable candidate for this commission.



Operational model runs: Once the zoning policy goes 'live', it is expected that the local Zone Co-ordinators will collect local data into a file that can be ingested by the National Zoning Model. This process has already been tested as part of the Heat Network Zoning Pilot Programme and Advanced Zoning Programme. It is envisaged that between 2-5 Model Input Data templates (MIDs) will be submitted on average per month for the duration of the contract. Once received, the model will be required to be re-run for the segment containing the Zone Co-ordinator's own boundary.

Ad-hoc local model runs: Occasionally, DESNZ will require the model to be run for other purposes to support other workstreams within the Heat Network Zoning Transition Programme. This may include using the model to a) apply external third-party research to the NZM, such as changing sensitivities, cost

parameters or assumptions often across a larger geographic scale than the original study or b) to test whether new or emerging policy ideas will have the desired outcome. DESNZ will manage the interaction with these requests in the first instance.

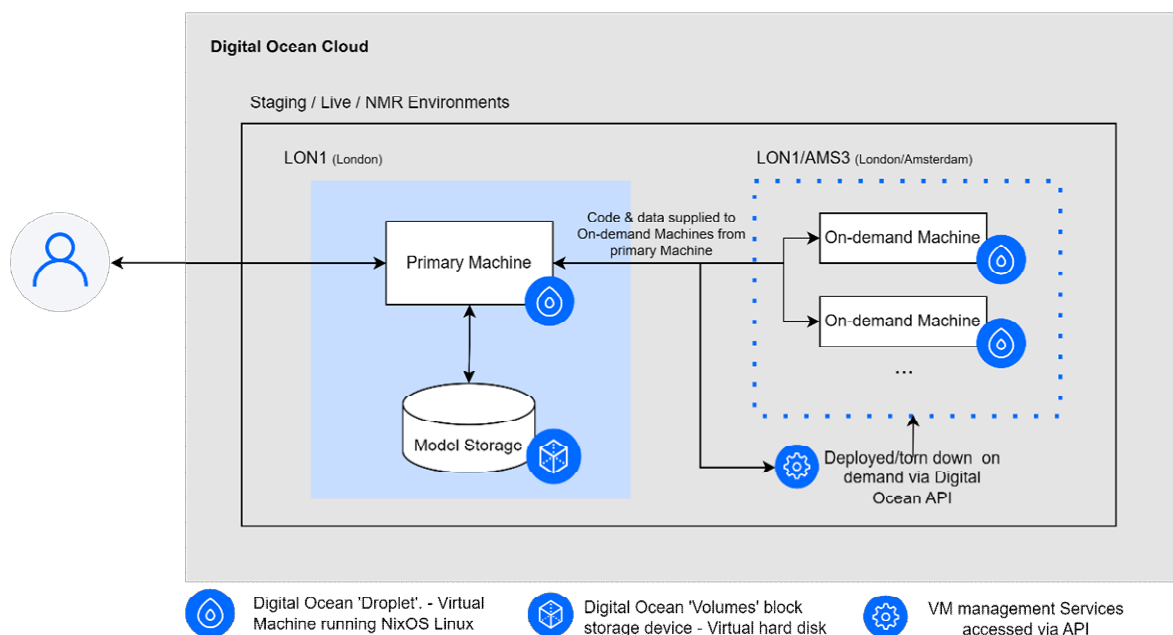
Other model runs: For all other model requests, we intend to share the most complete and acceptable NMR available at the time of request, to reduce workload for this workstream. These requests are becoming far more frequent and include Local Area Energy Planning (LAEP), grant applications (Heat Network Delivery Unit, Public Sector Decarbonisation Scheme), Gas Distribution Networks (GDNs), Regional Energy System Operator (RESO), Distribution Network Operators (DNOs) and Committee on Climate Change (CCC). DESNZ do not require the model developer to engage directly with these stakeholders.

Hosting

The primary developer is responsible for appropriate provision of resources to host and operate the NZM and outputs. At present there are four instances of the NZM, using Digital Ocean infrastructure.

1. Staging – used for UAT of new features
2. Live – used for smaller project scale testing
3. NMR – used for conducting NMRs
4. QA – frozen model version used for current codebase QA

The architecture physical architecture is summarised in the image.



As shown, all of the NZM exists on machines in a data centre. The current developer holds the contracts with Digital Ocean, the successful supplier would be expected to make equivalent arrangements.

There are three key physical components:

Model storage – this is a set of databases containing the NZM code and outputs from all model runs carried out. These are rented on a monthly basis.

Primary machine – this machine is used to conduct model runs, it carries out some modelling, as well as dispatching instructions to deploy on-demand machines that are utilised for some of the modelling. This is rented on a monthly basis.

On-demand machine(s) – these are instructed by the primary machine when a model run is initiated, then released back for use by others once they are no longer needed. The number instructed is dependent on the size of the model run. These are invoiced based on hours of CPU time utilised, monthly in arrears. The contract includes a maximum number that could be deployed – at present up to 300 16 core machines (CPUs) 2GB per core can be utilised.

Currently, the model takes two weeks to complete an NMR at a computing cost of c. £6,000.

Based on a schedule of quarterly NMRs and twice-monthly segment runs, DESNZ estimates that suppliers should allow approximately £33,750 (excl. VAT) of their bid to cover hosting and operation.

The successful supplier will be expected to include the cost of the hosting and operation into their tender response Price Schedule.

It is expected that the successful supplier will continue to optimise model operation with the aim of reducing both run time and cost where possible.

Work Package 2: Feature Development

Further develop model functionality to add to the existing modelled characteristics; improve the quality of outputs; and align with latest policy development.

Most model features are expected to be included within the base model by the time that the contractor starts work. However, there will be several features that will need to be developed further and fully tested to ensure that it results in desired outcome and aligns to the latest policy development. The latter may include changing parameters/values that are incorporated into the model as the policy continues to evolve in 2025.

Delivery approach

As outlined above, the NZM workstream consists of DESNZ staff and suppliers from both Lots 3.1 and 3.2 of the framework. The successful supplier will be expected to work within this existing structure, interfacing with the supplier in contract to deliver model management and data analytics support. Suppliers should refer to the scope of the “Model management and data analysis contract” (which can be found in Annex C) when developing their bid.

For each feature described below, suppliers should outline their proposed approach to development and testing.

Heat Sources: the current approach to linking heat source opportunities to potential heat network zones should be further developed. This should include:

- transmission pipes should be divided into within-zone transmission and supply-zone transmission, for user clarity
- within-zone transmission pipes should follow roads, rather than as the crow-flies
- testing should be conducted to evaluate whether forcing supply-zone transmission pipes to follow roads produces a more credible output
- each supply type should be able to accept a user-defined supplier revenue (£/kWh sold) which should be added to the OPEX costs the model considers for a given supply.
- for each supply, the model should calculate the maximum length of transmission to zone that would offer a lower present value than an equivalent large ASHP solution, this should define the maximum radius around a supply used when creating candidate zones
- testing and further adjustments should be made to optimise supply-zone matching that provides users with a clear understanding of how and why the model produces optimal matches. This should seek to balance 'logical/obvious choice' outcomes with computationally optimal outcomes.

Energy Centres: the current approach to sizing energy centre plant should be enhanced by the addition of a user-configurable approach to meeting a proportion of peak and annual demand for a network. The model should be able to incorporate either electrode boiler or gas boiler plant into cost and energy estimates. It should be possible to differentiate energy centre costs by heat source type.

Thermal Storage: An estimated thermal storage cost and capacity should be incorporated into energy centre modelling, based on a user provided assumption e.g. m³/MWh. The model should also estimate the flexibility such storage could offer to the network, based on network temperature differentials.

Distribution pipework: the model estimates of distribution pipework could be improved by re-calculating pipe routing once indicative zones have been created.

Rate card approach: The model should be able to accept a rate card provided by the department, which would detail charges that should be applied to buildings, based on their use type (OS ABP linked) and their estimated heat demand. E.g. £X connection charge, £Y/annum standing charge, £Z/kWh unit charge.

The model should test optimised outputs against a user-variable proportion of the provided rates – e.g. test that all buildings networked still pass the lowest cost test.

Incumbent Heat Networks: existing features to identify the location of incumbent heat networks should be further enhanced by allowing users to submit data identifying buildings that are already, or soon to be, networked. The model should be able to be configured to then avoid offering solutions to these buildings, or to disregard the information and identify an optimal solution assuming the absence of existing or planned networks.

User Interface: The existing model user interface has been created to serve internal departmental analysts; it should be anticipated that some continued development to this is required.

Model output summary statistics: Additional summary statistics should be produced to support users in interpreting model outputs. Examples would include:

- Schedule of pipe deployed by zone
- Schedule of other network components deployed by zone
- Schedule of individual heating solutions by zone and by modelling area

Features to support zone refinement: Refinement is the zoning lifecycle stage following zone identification, this can be broken down into two steps:

1. Data validation – where key data underpinning the zone is checked by the zoning coordinator (ZC), with input from local stakeholders. This results in an updated dataset for the NZM to use to re-identify zones in the area. The outcome is an updated set of zones with higher data confidence.
2. Zone refinement – where some features of the model identified zone are refined by the ZC, with input from local stakeholders. This step recognises the limitations of a model and allows the user to stipulate key features of each zone. The NZM would use this data to provide a full set of outputs for the network solution stipulated by the ZC – i.e. not seek to produce an updated optimised solution based on ZC changes. The outcome is a set of refined zones considered ready to be taken to public consultation by the ZC.

The NZM has a role to support this stage of the zoning lifecycle. Whilst the policy and associated processes are undergoing finalisation, suppliers should expect to develop the following type functionality:

- **Generation of a zone ID report** – this output should be automatically generated by the NZM with the intention that it would highlight to the ZC which specific outputs should be reviewed as part of validation. E.g.
 - Anchor loads – develop a filtered list of buildings within (or within a set distance of) a zone, that fall into certain heat demand brackets, and/or ABP categories.
 - Unusually large heated or unheated buildings
 - Unusually small heated buildings
 - Heat demands that are within MSOAs/LSOAs where the calculated correction factor was an outlier.
 - Heat demands with ambiguous ABP categorisation, for example only two addresses with different ABP codes, which means the ABP selection is alphabetical tie-break which is arbitrary
 - Heat demands difficult to benchmark (based on ABP assignment)
 - Key heat sources to engage with – any used by the model to serve a zone, plus others that could act as alternatives or could supplement the main source. I think we could similarly work up a way of filtering these.
- **Ability for users to submit updated data** – gathered during the validation step via the existing or an updated form of the MID and then run the model again to produce an optimised output using the updated data.
- **Generation of a validation report** – this output should provide users with a summary of the differences between the initial identified zones and the zones produced using data gathered during the validation step. E.g.
 - headline differences in heat networked, buildings networked etc.
 - changes in optimised solution for the buildings highlighted by the zone ID report.
 - An indicator of the confidence of the optimised outcome for buildings. This can be used to indicate to the ZC the ‘strength’ of the decision to network/zone a building and so support decisions relating to boundary changes to include/exclude buildings from a zone or network.
- **Ability for users to submit data about refined zones** – generated during the zone refinement step. This would be expected to include:
 - Zone boundary/ies
 - Heat source(s) to supply the zone
 - Buildings to network

The NZM would be expected to generate a set of outputs reflecting the refined zone(s) submitted by the ZC.

- **Generation of a refinement report** – this output should provide users with a summary of the differences between the zones produced after the validation step and the refined zones.

Work Package 3: Data Integration

Integrate new datasets from multiple sources to improve the completeness, accuracy, and relevance of underpinning data to improve model confidence.

Maintain a set of national datasets that are currently integrated into the existing NZM. Review when these are likely to change or be updated by third parties. Consider the efficiency of developing an API to automate integration of new data as and when it is published. Examples include:

Ordnance Survey Address Base Premium: Currently this requires a manual update, development should allow automated updating in line with OS frequency.

DESNZ: energy consumption statistics.

ERIC: Cost and assumption database for the NHS estate across England

EPC: the national Energy Performance Certificate register

Integrate new local datasets, in the form of a Model Input Data template (MID) The MID is a standardised excel-based template that allows users to input data into the model in relation to either buildings or potential sources of heat that could be used by a network.

Integrate new national datasets that become available from within the Department. Examples include:

National Buildings Database: a detailed inventory of all buildings in Great Britain due for publication in 2025

DNO: Regular publications on electrical grid capacity across England

NUAR: National Underground Asset Register to support more realistic distribution costs where constraints exist

Geothermal: DESNZ are currently undertaking research to create a dataset for geothermal heat sources that mimics the current Waste Heat Research

Data Centres: Integrate available information on the location of Data Centres, if the public security risk is deemed acceptable

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Integrate relevant sector specific dataset as they become available (i.e. research undertaken by the UK District Energy Association, Association for Decentralised Energy or Heat Network Industry Council)

Work Package 4: Quality Assurance

Ensure that any new features developed achieve Departmental quality assurance of the NZM to ensure that the model meets the specified requirements.

The NZM must pass departmental quality assurance processes to ensure that it is sufficiently robust to support zoning in England. Effective Quality Assurance (QA) ensures that decisions are made with an appropriate understanding of evidence and risks, and helps analysts ensure the integrity of the analytical output.

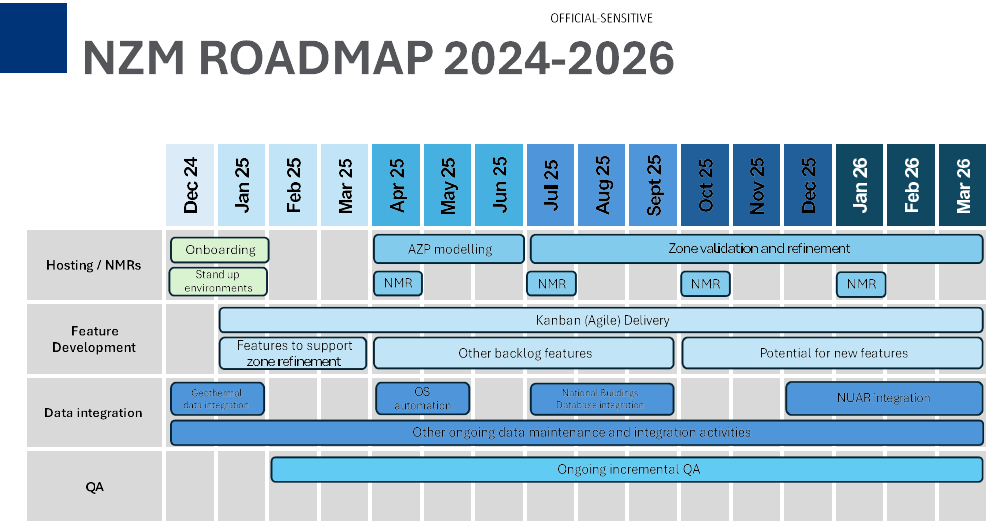
Within the Department for Energy Security and Net Zero (DESNZ), we have a range of tools and guidance to help people with Quality Assurance of analytical models. We use this guidance to ensure that models have been proportionately quality assured, with supporting documentation and evidence to demonstrate that. Full details including relevant templates and guides on QA can be found at:

<https://www.gov.uk/government/publications/energy-security-and-net-zero-modelling-quality-assurance-qa-tools-and-guidance>

- Complete model documentation to clearly describe each new feature that is developed within the NZM
- Develop a set of release notes that accompany each new version of the model
- Undertake a self-assessment of the new model feature against DESNZ QA guidance
- Engage in third-party reviews of the codebase for each new feature which is developed

2. Timetable

We anticipate that the contract will commence in December 2024, and conclude on in March 2026, with the option to extend for up to 12 months. A high-level road map is included below, showing the key items outlined in this specification.



3. Working Arrangements

The contract will have an allocated Department for Energy Security and Net Zero Contract Manager, who will be responsible for the management of the contract. This will include the monitoring of the progress of the project through agreed KPIs, as well as the reporting and escalation of issues.

The successful supplier would report into the DESNZ workstream lead and will be expected to collaborate with DESNZ and other suppliers to deliver as a NZM workstream. In addition there may be requirements to work with other across the broader HNZTP workstreams e.g. to support integration across NZM, CA/ZC and digital.

Ways of working will include:

Those working on the NZM are located across the UK, and regular meetings will be conducted over Microsoft Teams. There is an expectation to meet once every two or three months for an in-person team session, usually in London, at a venue supplied by DESNZ or the Lot 3.2 supplier. Other costs incurred by the supplier (e.g. travel) are at the supplier's expense.

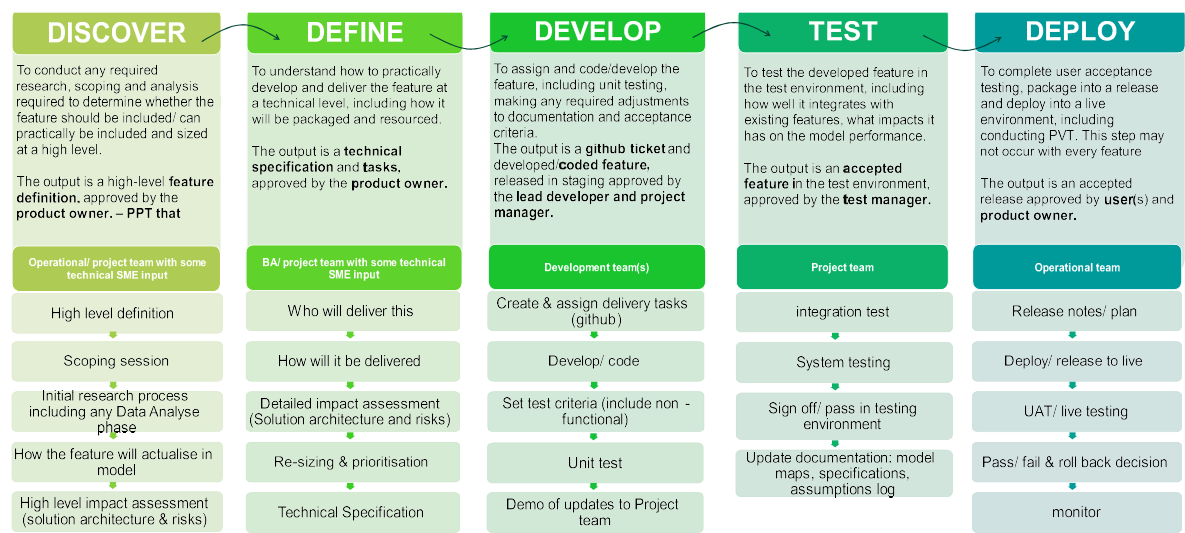
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Communication is expected to be conducted with the client predominantly via email and MS Teams calls. The NZM developer is expected to run a GitHub ticketing system to track issues and plan sprints.

In addition to meetings mentioned throughout the requirements, the following MS Teams calls are anticipated:

- Kick-off with NZM team
- Calls as required with the model management and data team
- Fortnightly teams call with DESNZ lead
- Monthly KPI call with contract manager
- Quarterly performance call with senior DESNZ leadership
- Closedown call

Development of the NZM to date has followed an agile based approach with a bespoke process for moving features from a hypothesis through to development. The diagram below defines the process that has been used to deliver a feature. This process is then delivered through 3-week sprints, where each phase may happen in different sprints, depending on the size of the task.



Typically the following sessions across the 3-week period:

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- regular weekly developer stand-ups (proposed 2 x 30min per week)
- sprint review meeting (proposed 1 x 1hr per sprint)
- backlog review meeting (proposed 1 x 1hr per sprint)
- sprint planning (proposed 1 x 1hr per sprint)

4. Key performance indicators

The winning supplier will comply with the following KPIs and service levels, which will be monitored regularly and discussed in monthly meetings.

The format/templates used to measure the KPIs are to be agreed with the winning supplier at the kick off meeting.

Service Level Performance Criterion	Key Indicators	Description	Service Level Threshold
Deliverables timeliness (monthly)	Delivered to agreed timescales	The output of each commission was delivered in the agreed timeframe as outlined in the Task Order	95%
Supplier Internal quality assurance (monthly)	Delivered in line with quality assurance methodology	The output of a commission was subjected to the internal quality controls as outlined in the Task Order	95%
Management Information (MI) is provided at monthly intervals and a minimum of 2		Confirmation of receipt and time of receipt by DESNZ	100%

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working days before any scheduled call-off contract management meeting.	Delivered to agreed timescales		
Quality Score (monthly)	Accepted by the department as meeting acceptable quality standards	The output of a commission was signed off by the relevant Policy lead as having been produced to satisfactory quality and met the objective set out in the Task Order	100%
Invoice timeliness (monthly)	Delivered to agreed timescales	The invoice was provided with the agreed timeframe stipulated in the Task Order	100%
Invoice Accuracy (monthly)	Delivered to acceptable standard	The invoice provided accurate information and was in accordance with the Task Order	100%

5. Price and payments

The contract price is capped at £748,000 excl VAT for the initial 16 months period, with an option to extend for up to 12 + 12 months and value extension of up to £598,000 + up to £598,000 excl VAT.

Payments must be linked to delivery of key Work Packages as outlines in the section 4 above. Monthly invoices shall be submitted to the Department after the end of each month (the first week of the following month) with details of costs against Work Packages (including break down of staff cost and other costs) and the timeline.

Before payment can be considered, each invoice must include a detailed elemental breakdown of work completed, rate card and any associated additional costs.

The Department aims to pay all correctly submitted invoices as soon as possible with a target of 10 days from the date of receipt and within 30 days at the latest in line with standard terms and conditions of contract.

6. Data Protection

The Contractor will be compliant with the Data Protection Legislation, as defined in the terms and conditions applying to this Invitation to Tender. A guide to The General Data Protection Regulation published by the Information Commissioner's Office can be found [here](#).

7. Data ownership

All Intellectual Property Rights (IPR) and outputs of this project will belong to DESNZ.

8. Cyber Security

In line with [HM Government's Cyber Essentials Scheme](#), the Contractor will hold valid Cyber Essentials Plus certification by the time of contract award. Evidence of the certification must be provided to the Authority for the contract to be awarded.

Evidence of renewal of certification must then be provided to the Authority on each anniversary of the first applicable certificate obtained by the Contractor for the duration of the Contract. In the event the Contractor fails to comply, the Authority reserves the right to terminate the Contract for material breach in line with the Standard Terms and Conditions of Contract.

If the Contractor already holds ISO27001 accreditation, no further Cyber Essentials certification will be necessary provided that the certification body carrying out this verification is approved to issue a Cyber Essentials certificate by one of the accreditation bodies.

12. Skills and experience

The Department would like you to demonstrate that you have the experience and capabilities to undertake the project. Your tender response should include a summary of each proposed team members' experience and capabilities, with CVs attached.

Contractors should propose named members of the project team and include the tasks and responsibilities of each team member. This should be clearly linked to the work programme, indicating the grade/ seniority of staff and number of days allocated to specific tasks.

Contractors should identify the individual(s) who will be responsible for managing the project. As part of the contract, it is expected that the winning Bidder will follow an agreed process to inform the Department of any changes in key staff under the contract.

13. Consortium Bids

In the case of a consortium tender, only one submission covering all of the partners is required but consortia are advised to make clear the proposed role that each partner will play in performing the contract as per the requirements of the technical specification. We expect the bidder to indicate who in the consortium will be the lead contact for this project, and the organisation and governance associated with the consortia.

Contractors must provide details as to how they will manage any sub-contractors and what percentage of the tendered activity (in terms of monetary value) will be sub-contracted.

If a consortium is not proposing to form a corporate entity, full details of alternative proposed arrangements should be provided in the Annex. However, please note the Department reserves the right to require a successful consortium to form a single legal entity in accordance with Regulation 19 of the Public Contracts Regulations 2015.

The Department recognises that arrangements in relation to consortia may (within limits) be subject to future change. Potential Providers should therefore respond in the light of the arrangements as currently envisaged. Potential Providers are reminded that any future proposed change in relation to consortia must be notified to the Department so that it can make a further assessment by applying the selection criteria to the new information provided.

Annex C – Model Management and Data Analytics Contract

Introduction

The Department for Energy Security and Net Zero (DESNZ) is appoint a Contractor to provide model management and data services for the National Zoning Model (NZM), which is being developed to support heat network zoning.

The NZM workstream to date has established a specification and work backlog for delivery of a Minimum Viable Product (MVP) by November 2024. The Centre for Sustainable Energy have delivered the software development component of the NZM to date and will remain in contract as 'NZM developer' to December 2024. This procurement is for a team with expertise in energy, software development and agile project delivery to facilitate delivery of the NZM workstream, with focus on the operationalisation, management, and data analysis activities until March 2025.

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This period will focus initially on model testing and QA to enable MVP launch when the Heat Network Zoning Policy is live, other activities will include scoping the development for subsequent model versions and development of a transition to BAU plan. This will be completed working in collaboration with a multidisciplinary team within an existing broader programme and with various suppliers and stakeholder groups.

There are related requirements both within the NZM workstream and the broader programme, and the NZM team consists of both DESNZ staff and external consultancy support as detailed in section below.

Background to the Requirement

Heat Network Zoning Policy

Decarbonising heat is an integral part of the government's strategy and underpins the Net Zero Strategy, the Heat and Buildings Strategy and most recently, Powering Up Britain. This was affirmed in the Prime Minister's speech on 20 September 2023 where he set out the government's proportionate and pragmatic approach to net zero.

The Energy Act, which received Royal Assent in October 2023, establishes the regulatory framework for heat networks in Great Britain and grants the Secretary of State the powers to introduce heat network zoning in England through secondary legislation ("zoning regulations"). Our stated aim to introduce Zoning by no later than 2025, and therefore this tender specification is written based on adhering to that timeframe.

The regulations will enable the government to create two new zoning bodies: the heat network zoning authority – shortened to "the Central Authority" – and Zone Coordinators. The regulations will describe the rules these zoning bodies shall follow and their roles and responsibilities. The regulations will define how the zoning bodies will identify and designate heat network zones and specify any requirements about how decisions are to be made regarding what heat networks are built in a zone, where and by whom.

Act also includes powers to make regulations to set requirements that apply in zones. This includes:

- Which buildings can be required to connect to a heat network, and when and how such buildings may seek an exemption from this requirement.
- Which types of building in zones, such as new buildings, can be required to install communal heat networks.
- Requiring operators/owners of sources of heat to provide information, and/or to connect to a heat network.
- The rules around terms for supplying heat to a heat network, including prices.
- Introducing limits on greenhouse gas emissions from heat networks in zones.
- Specifying what data may be collected by the zoning bodies, and from whom, to support the identification and designation of heat network zones.
- Ongoing monitoring and reporting requirements.
- How the above requirements will be enforced and the appeals process.

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The Department had undertaken two consultations on Heat Network Zoning, one in October 2021 and another ending in February 2024. We aim to publish our consultation response to the second consultation in Summer 2024. It is at this point that we expect the final policy positions to be known. Until this date, it is likely that some of the key requirements of the model functionality may evolve and/or change and therefore it's important that bidders understand that the National Zoning Model workstream will need to adapt to policy changes to ensure that the modelling remains consistent with the latest policy intent. Despite this we have a good understanding of the likely requirements that will be needed, the budget and the timeframes for delivery.

Alongside the development of the Heat Network Zoning Policy, BEIS trialled an initial approach to identifying zones as part of the City Decarbonisation Delivery Programme (CDDP). This adapted Centre for Sustainable Energy's THERMOS model to identify potential zones in six cities across England (Birmingham, Bristol, Greater Manchester, Leeds, Newcastle and Nottingham). Zoning was based on a data-driven viability assessment, with refinement from key strategic local stakeholders in each city. The previous tender sought to;

- Enable a standardised approach for setting heat network zones that is robust, transparent and minimises duplication of effort;
- Provide a consistent foundation for the use of national policy levers to support heat network development within designated zones;
- Reduce the burden on local actors by virtue of following a standard approach as opposed to designing a new approach each time; and
- Provide a common architecture which allows for the methodology to be updated as and when new assumptions, parameters, carbon targets or policies are introduced.

Heat Network Zoning Transition Programme

The National Zoning Model is one of six interrelated workstreams that make up the Heat Network Zoning Transformation Programme (HNZTP). This programme aims to prepare for the introduction of heat network zoning in 2025. The programme consists of several workstreams, described below:

Legislation: Establish the HN Zoning Policy; with defined statutory roles & responsibilities that enable subsequent delivery of HNzs at desired scale and pace

National HNz Modelling: Develop a robust HNz identification model, and establish DESNZ capability to continually assure, support and operate the model

Digital: Develop an online digital service to provide HNz information to stakeholders including the visualisation of the HNz identification model outputs

Routes to Market: Develop standards routes to market for the zone delivery procurement/appointment approach by Zone Co-ordinators

Advanced Zoning Programme: Undertake development work to support delivery of at least 10 zonal scale HNz in 2025 aligned with the HN Zoning Policy

Central Authority/Zone Co-ordinator: Explore the capability of establishing a Central Authority/Zone Co-ordinators (including functions, responsibilities, roles & step-in powers)

The scope of the model is England, as heat policy is devolved. In previous programmes of work, the model outputs have been socialised and tested with 28 towns and cities that formed part of the Heat Network Zoning Pilot Programme (HNZPP) and with the Heat Network Industry Council (Heat NIC). The HNZPP develop a process to identify and refine heat network zones across a range of towns and cities, to support the development of the policy. Zones were identified using a previous iteration of the model to support the identification of where heat networks provide the lowest cost, low carbon solution to decarbonise heat.

The NZM outputs also support the identification of zones within the Advanced Zoning Programme (AZP). The programme is working with 19 cities across England to accelerate the delivery of zonal-scale heat networks as part of the Government's ambition to supply 20% of heat through heat networks by 2050 to enable the UK to reach net zero. The cities that are part of AZP have been identified as those which are further developed around their planning and thinking of heat network development and are ready to deliver at pace and scale. AZP is supporting the development of best practice guidance, providing project development support services, and promoting market transformation ready for national heat network zoning policy.

Additionally, the outputs are being used to underpin other work within the Department such as the development of a potential Heat Networks Strategy and also inform an implementation strategy being developed by the Central Authority. DESNZ will manage the interactions between these programmes as part of this tender.

NZM & Lifecycle of a Heat Network Zones

As set out in the second consultation, a heat network zone has several stages during which different bodies will carry out specific actions. The first stage of the zoning methodology is the identification of indicative heat network zones across England by the Central Authority. This will be carried out using the National Zoning Model. Therefore, it is essential that the Department has a fully Quality Assured MVP National Zoning Model for the policy launch date as it is the first stage in the process.

The second part of the zoning methodology is the refinement of the indicative heat network zones. Both the Central Authority and the relevant Zone Coordinator will review the outputs of the model to check for accuracy. Where appropriate, they will collect additional data to ensure that the indicative zones have been identified using the most accurate information.

The NZM is a data-led spatial energy model developed by the Centre for Sustainable Energy for DESNZ to identify indicative heat network zones across England. The NZM provides granular outputs which, when supplemented with local data, will identify areas that may be taken forward for refinement and, subsequently, designation as heat network zones.

The department has developed the NZM as part of the Heat Networks Zoning Pilot Programme, utilising a specialist team with experience in heat networks, software development and energy modelling, along with input from local authorities and the

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department's Heat Networks Delivery Unit. The model uses a range of data sources, processing, and optimisation to identify potential zones as shown below:

These stages in the model are described in more detail below:

Data led mapping: the model uses a range of data sources to construct a data-rich map of individual building heat demand, potential pipe routes, and geographical features that may act as hard boundaries.

Lowest cost, low-carbon options evaluated: the model evaluates the low-carbon options for each building – a low-carbon heat network and an individual building air source heat pump – by combining the mapped data with a standard set of assumptions about technology costs and performance.

The model uses an iterative optimisation algorithm to find the lowest cost combination of Air Source Heat Pumps and heat networks in an area, which subsequently identifies a suggested heating solution for each building. The model repeats the optimisation process using a range of scenarios for the price of heat provided to the distribution network – the “heat price scenarios” – and generates a range of solutions for each building. In later stages, the model will match heat demand to available heat sources to identify the largest potential heat network based on the cost of heat.

We know that many stakeholders will be interested in the outputs of the NZM. The model, and its outputs, will therefore need to be clearly communicated to a range of stakeholders, including local government, building developers and owners, to support local refinement and designation. We will continue to refine the model and develop the underlying evidence to achieve this.

Zone shapes produced: The model discards areas that do not contain a network and combines adjoining areas in the same price scenario to create “zone shapes”.

Candidate zones produced: The model connects every zone shape to a heat source provided to the model if the cost of heat from the source is lower than the heat price scenario. This creates many instances which could become zones, called “candidate zones”.

Indicative zones selected: Candidate zones may overlap or compete for a single heat source. The model sorts all candidate zones by size and by economic potential. It selects the top configuration as the first indicative heat network zone and removes any other candidate zones which compete for a heat source or overlap spatially. This process continues for the next largest zone until all candidate zones have been selected or discarded.

Current Model

The National Zoning Model has been primarily developed by the Centre for Sustainable Energy. The purpose of the model is to support the initial identification of heat network zones. The model is highly parameterised and flexible: what a zone is, and what properties a zone must have, depend on what values entered for parameters.

The NZM contains the following 8 main modules:

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1. Dig categorisation model: assigns each road a classification for use in the optimiser
2. Heat demand model: prepares building-level demand data for the optimiser
3. Region mapping module: produces region polygons that can be joined to form larger shapes for the zoner
4. Clustering: partitions buildings into clusters by road network distance, to create computationally tractable optimisation problems.
5. Distribution network optimisation: use mixed-integer linear program (MILP) identify a minimised present cost of heating for all the buildings in a cluster
6. Zone shape production module: creates candidate zone shapes based on outputs of region mapping and optimisation
7. Zone cost model: evaluates zones financially, turning candidate zone shapes into candidate zones
8. Zone selection model: selects a non-competing set of zones from the candidate zones

Current Model Management , Data Analytics and Collection

- The NZM is part-way through development, where the majority of key MVP features have been developed. Although there will be some components of development to complete, the core focus for the phase of delivery of this procurement will be Model QA. Management, Data, Collection and Development will largely centre around improving current model QA scores. This means working the internal Model QA analysts, External QA team and Developers to assess the NZM and supporting processes and documents, improve or develop where scores are not meeting expectation, and reiterate.
- The current delivery mode is working in 3-week sprints. This may change to accommodate for the QA focus, depending on the size of tasks and estimated completion times.
- The current delivery model tracks 2 separate sets of tasks – Jira is used to track business requirements, Github for development tasks in granular detail. This separation helps create clarity around responsibilities of tasks between the development team, data team and model management tasks not directly related to modelling. This may also change as the focus moves to QA if the separation no longer proves useful.

NZM team structure

The NZM team consists of both DESNZ staff and external consultancy support. The Centre for Sustainable Energy have developed the NZM to date and will remain in contract as 'NZM developer' for the duration of this work.

The successful supplier would report into the DESNZ workstream lead and will be expected to collaborate with other suppliers supporting the workstream.

Scope and Requirement

There are 4 main areas of focus under this lot 3.2, with specific in and out of scope expectations across each area as follows:

1. Model Management & Project Management Office (PMO) Support

Products & Services

Delivery Management, Project Management, Technical Business Analysis. Provision of project management software – Atlassian JIRA. GitHub user accounts

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Estimated Resource	~2FTE
Exclusions	Supplier expected to provide Jira software to manage project activity. Supplier not expected to provide GitHub project but will require accounts to access this for documentation and model development tasks.
Constraints	Resources across this may need to fluctuate depending on the need throughout the contract period. There may be times where more or less resources are required, in particular technical and general business analysis capabilities.

2. Data Collection & Analytics

Products & Services	Energy modelling and data subject matter expertise
Estimated Resource	~1-2FTE
Exclusions	Design or development of a database that contains wider heat network zoning data unrelated to the NZM data imports or exports
Constraints	Data may need to be migrated to alternative systems during this period as part of data management activity.

3. Quality Assurance Support

Products & Services	Test manager, SME in heat networks, energy modelling, data management, content writing / service design.
Estimated Resource	~1FTE
Exclusions	There are dedicated departmental resources for completed Quality assurance activities. This function is to support the development of the content required to pass the QA requirements but excludes managing or setting the QA requirements themselves.
Constraints	Co-dependency on the supplier for Quality Assuring the NZM

4. Ad-hoc client support

Products & Services	GIS analysis, data architecture, technical writing
Estimated Resource	~1 day a week

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Exclusions	Data architecture, content and GIS analysis covered for this workstream only. There may be wider project demands on these capabilities outside of this workstream, which are not covered under this scope.
Constraints	Co-dependency on the supplier for Quality Assuring the NZM

See below for the specific requirements across each scope area.

The period of this requirement covers August 2024 – March 2025. The demand over this period is expected to be consistent with the above total FTE until Dec 24, with a reduced focus on data and test management Jan-Mar 25, noting that at times more or less of capabilities will be required.

To meet the aims of this procurement the supplier would need to deliver:

1. **Model management and project management support**

Summary of key deliverables:

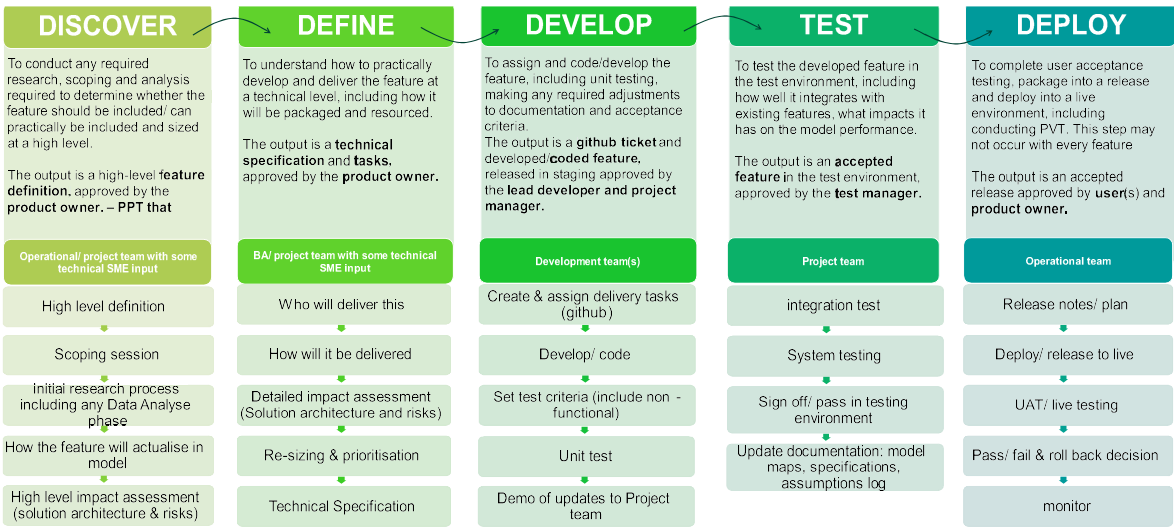
A full suite of delivery and project management trackers maintained for developers & client:

- *Developer Sprint Planning (GitHub)*
- *Business Requirement Planning (JIRA)*
- *Operational Gantt Chart*
- *Workstream Roadmap (Summary visual of Gantt Chart)*
- *RAID log (contribute to wider DESNZ RAID Log)*
- *A consolidated monthly report to DESNZ (1-2 slides)*
- *Co-ordination of regular within workstream meetings*
- *Attendance at relevant programme level meetings*
- *Delivery of suitable handover documentation at contract close, such that future suppliers could reasonably continue to provide similar services.*

1.1 Provide a **delivery management resource** to facilitate the delivery process for remaining MVP feature development:

This shall use an agile based approach with a bespoke process for moving features from a hypothesis through to development. The diagram below defines the process that has been used to deliver a feature. This process is then delivered through 3-week sprints, where each phase may happen in different sprints, depending on the size of the task.

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The delivery manager will be expected to facilitate the sprint process, including running the following sessions across the 3-week period:

- regular weekly developer stand-ups (proposed 2 x 30min per week)
- sprint review meeting (proposed 1 x 1hr per sprint)
- backlog review meeting (proposed 1 x 1hr per sprint)
- sprint planning (proposed 1 x 1hr per sprint)

The sprint activities and backlog are managed in Atlassian Jira. The supplier is expected to provide this software and licences for relevant team members, including the DESNZ workstream lead, QA analysts and other suppliers on the workstream (up to a maximum of 20 licenced users). The supplier’s delivery manager will be responsible for managing the Jira backlog activity and ensuring this stays up to date.

Outside of sprint activities, the delivery manager is expected to facilitate a weekly planning session (1hr) to align the non-development team each week and respond to any possible delivery or priority changes.

1.2 Provide **programme management services** by maintaining key documents such as regular risks, issues, dependencies and coordination efforts.

This includes providing updates to the DESNZ PMO on the workstream progress and status, key milestones, and updating the programme risk register, which shall be stored as an Excel Spreadsheet on the DESNZ SharePoint site. The supplier will be provided access to the relevant shared folders and documents upon appointment. The risk spreadsheet contains

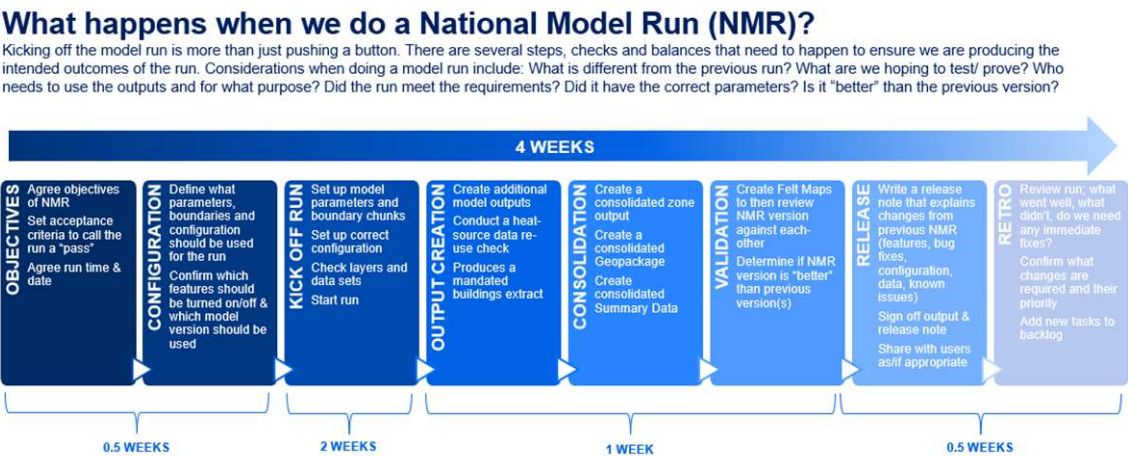
guidance on how to assess risks which must be followed by the supplier. This shall require attendance of 1 individual at relevant weekly meetings. Currently these are:

- NZM & central authority (future delivery body) dependency meeting (1hr/week)
- NZM & digital (web-platform) dependence meeting (1hr/every other week)
- HNZTP Co-ordination forward planning sessions (2hrs/month)
- NZM Risk sessions with DESNZ PMO (2 x 30min/month)
- Model management meeting (1hr/every other week)

1.3 Provide **Business Analysis support** for feature and documentation development:

This includes leading and facilitating discovery sessions with key DESNZ or project stakeholders, recording business requirements and acceptance criteria on both Jira and GitHub tickets, holding definition workshops with the developers to write technical requirements and supporting testing. These sessions are held as required, but on average 3 hours a week are required. The business analyst shall provide guidance and agendas for each session and working with the delivery manager to find appropriate time slots with DESNZ stakeholders, the developers and other team members. Occasionally the creation of requirements will require specialist input, such as GIS, heat network developers, energy modellers or developers. The Business Analyst will work with the workstream lead and delivery manager to identify the relevant capabilities and in some sprints, resourcing will need to be flexible to accommodate the inclusion of such specialist input.

1.4 **Support the National Model Run process** as described in the diagram below:



The supplier shall facilitate the steps of the model run, including coordinating sessions to define the outcomes of the national model run, organise the drafting of the release notes that

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must accompany the national model run, and drive progress through to completion for national model runs. This will require support from the developers, business analyst, workstream lead, data architect, and data analysts.

- 1.5 The supplier will work with DESNZ and the programme to develop a roadmap for post-MVP or Version 1 of the model. This requirement may change based on programme requirements, but could include further feature development, operating and support model development, and handover to BAU. It may also involve supporting or planning the requirements of a transition of the model from external servers and systems to DESNZ ones.
- 1.6 Provide project handover notes and documentation for a enable a potential future supplier to take over model management services. The handover notes and documentation should include the following information:
 - scope, objectives, and deliverables of the model management services
 - current status and progress of services
 - roles and responsibilities of the consultant and the client
 - tools, methods, and standards used
 - challenges, risks, and issues encountered and how they were resolved
 - lessons learned and best practices from this contract
 - recommendations and next steps for the future supplier

The handover notes and documentation should be clear, concise, and comprehensive, and should be delivered in a format that is easy to access and understand by the future supplier. The handover notes and documentation should be completed by March 2025

2. Support Data collection and analytics

Summary of key deliverables:

- *A set of finalised existing data collection templates*
- *A suite of relevant high-quality data inputs (e.g. heat demand) for NZM ingestion*
- *Development of content to support quality assurance documentation & user guidance*

- 2.1 **Complete identified national data collection activities**, including defining methodologies, logging data assumptions and making recommendations for data ingestion to model.

The supplier will be provided with a list of datasets and current progress, as well as guidance around documentation, data management practices and collection approaches. The data collection aims to provide quality data at a national level to remove requirements

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for gathering at a local level and ensure as much consistency in methodology and accuracy of information as possible.

For collection, energy and heat network data analysts/subject matter experts may be required to contact external suppliers, data providers, or stakeholders. Data analysts are required to collect, document and work with developers on ingestion into the developer's repository of all national datasets identified.

They shall attend 1x 1hr session a week, presenting content, updates and any questions to the DESNZ workstream lead and other relevant parties. The supplier may choose to run additional internal sessions to plan work delivery.

Expected datasets to target include:

- Heating demand for Universities across England
- Heating demand for wet Leisure Centres owned by major operators across England
- Heating demand for key Government Property Agency buildings across England

Suppliers would be expected to evaluate available data then develop and deliver an appropriate methodology to transform the data into a format that can be used within the NZM, this would likely include activities such as:

- transformation of reported fuel consumption to heat demands
- mapping existing building data to standard OS identifiers
- delivery of dataset developed and testing of integration into NZM
- robust documentation of data transformation to DESNZ QA standards, suitably incorporated into NZM documentation (via Github repository)

2.2 Ad-hoc energy data analytics including facilitation of sector workshops to engage with key stakeholder groups to understand and update core data assumptions. This activity will be identified and scoped as part of the standard project sprint planning and delivery processes. It generally requires approximately 1 day a week of effort from an energy data SME/analyst. This is in support of improving data and assumptions within the NZM and the granularity of modelling.

Expected areas to provide support include:

- Review of heat network costs that could be differentiated in more detail – energy centres, pipe civils variation

2.3 Energy data modelling and analytics SME to support model feature development support in technical understanding and documentation clarifying key energy and modelling concepts in

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a general user-friendly format. This includes processing and updating model documentation, facilitating sessions with developers and key DESNZ stakeholders.

Expected areas to provide support include:

- Feature improvement – approach to peaking plant
- Feature improvement – approach to modelling peak electricity demand

Suppliers would be expected to provide expert technical input to ensure the NZM reflects typical heat network industry approaches to peaking, as well as complying with future policy requirements, this would likely include activities such as:

- Engaging with DESNZ leads, policy leads and industry stakeholders to understand expectations
- Conducting modelling to test requirements
- Communicating findings to the above stakeholders and to the NZM developer
- Support in acceptance testing of the developed feature

2.4 Data and solution architecture updates and supports in line with DESNZ guidance, project and programme requirements, and currently defined architectures. This includes analysis on data modelling, imports and exports that may need to change or be updated as model features are added.

2.5 Developing guidance documentation that supports users needing to provide data to the model as part of national or local data collection, working with subject matter experts and DESNZ stakeholders who have knowledge of the pilot and lessons learned. This is to include an outline of the model context, purpose of provision of local data that relates to existing buildings and heat sources, and clear direction as to the scope of data to include or exclude.

2.6 Ad-hoc GIS and visualisation support for analysing, testing or supporting modelling methodologies, users or outputs. Please note DESNZ, have limited current GIS capabilities, but this will improve over the year as 2-3x staff obtain access and relevant training, thus reducing the need for GIS support over the course of this contract.

3. Support NZM Quality Assurance

3.1 Work with DESNZ analysts and QA team to develop and deliver a QA plan, resulting in successful QA clearance of the NZM in line with critical milestones, targeted at a 12-week period to close by w/c 4th November 2024.

3.2 Ensure that work is prioritised across the NZM workstream to ensure QA (separate contract – refer to specification provided as appendix C) is achieved by November 2024

3.3 Support the co-ordination of activity between the current software developer (CSE) and the future Quality Assurance (QA) supplier.

3.4 Draft content for user guidance of the NZM relating to plain-English non-technical summaries of what the NZM is, what it is trying to achieve, the scope, it's interactions with the wider policy (please note this will supplement user guidance of the core model code which will be led by the existing software developer)

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- 3.5 Draft content for a business continuity plan to ensure the continuity of the NZM in the event of a business change, disruption, or disaster. This shall cover key risks, impacts, mitigations as well as the roles and responsibilities of the project team and stakeholders. It shall also define recovery objectives, timeframes, sources, procedures for testing, updating, and communicating the plan. The plan shall comply with relevant standards.
- 3.6 Draft content which outlines a validation and verification testing plan. This shall specific the testing strategy, scope, objectives, methods, schedule, resources, roles and responsibilities of those involved in the testing process. It shall summarise the key testing activities, results, outcomes, issues and recommendations for further development. The testing artefacts shall include test cases (or test code), test logs, and test reports.
- 3.7 Draft content which explains how sensitivity testing support delivery of high quality NZM outputs. This shall define the test cases and sensitivities or scenarios, describe the approach (e.g., simulation, modelling, analysis, experimentation), the scope of the test cases and scenarios and report outlining the results.
- 3.8 Support driving development QA teams and DESNZ to achieve passing score in QA outside of the technical QA scores.

4. Provide Ad hoc client support

- 4.1 The supplier will be required to provide ad hoc support for the modelling workstream where there may be gaps in capacity, up to a maximum time of 2 days a week. This support will include activity such as:
 - Sharing of outputs with users
 - gathering some user feedback to form next iteration of user processes and guidance.
 - Supporting the drafting of internal documents for internal DESNZ workshops
 - Business case support for the next phases of work.

5. Communication, meetings and reporting

- 5.1 Those working on the NZM are be located across the UK, and regular meetings will be conducted over Microsoft Teams. There is an expectation to meet once every two or three months for an in-person team session, usually in either London or Bristol, at the supplier's expense.
- 5.2 Communication is expected to be conducted with the client predominantly via email and MS Teams calls. The NZM developer runs a GitHub ticketing system to track issues and plan sprints, it is likely that the successful supplier will communicate technical detail by this means.
- 5.3 In addition to meetings mentioned throughout the requirements, the following MS Teams calls are anticipated:
 - Kick-off with NZM team
 - Fortnightly teams call with DESNZ lead
 - Calls as required with the NZM developer
 - Closedown call

Aims and Objectives

The aim of this requirement is to support the delivery of an MVP NZM by end November 2024, with subsequent focus on scoping the development for further model versions and development of a transition to BAU plan.

The successful supplier will achieve this by managing delivery processes, supporting quality assurance activity and data collection and analytics.

The objective of this tender exercise is to procure support for department to continue to deliver the above aims with as little disruption to current operations as possible. This means as much as possible continuing to deliver services in line with the existing plan, scope, delivery methodology and team structures.

The supplier will need to meet some general expectations as part of this lot, including:

- Suppliers shall be flexible and adaptable to changes to DESNZ requirements – including resourcing types or capabilities as the needs of the workstream or project changes. These changes will be made in discussion and written agreement with DESNZ as they occur.
- Suppliers will need to work collaboratively across suppliers, DESNZ, key stakeholders both within the NZM workstream, wider project, and wider departmental ecosystem.
- Suppliers shall bring an understanding of heat networks, energy systems, project management methodologies, business analysis, energy modelling, technical or user-based writing.
- It would be advantageous for suppliers to have knowledge or experience in heat network zoning, Clojure, software testing and quality assurance processes
- To minimise disruption and impact on delivery timeframes, suppliers will be expected to adapt delivery approaches to work within the existing project structures, methodologies and dynamics as much as possible.

Further detail on specific outputs, expectations, requirements and deliverables are described in more detail in the sections below.

In order to meet the aims of this procurement, suppliers will need to achieve and deliver the following objectives:

1. Manage the delivery of the NZM MVP milestone by providing project management, business analysis, energy analysis, and documentation drafting support. This includes managing the QA, development and Data analytics teams to deliver to deadlines and requirements. It also includes supporting the programme and project PMO with their requirements from the workstream e.g. reporting, dependency meetings, supporting quality assurance preparation and activities.
2. National Data Collection, activities to continue development of bespoke datasets for use within the NZM, continued management of previously gathered datasets and associated data architecture in line with departmental practices.
3. Provide energy modelling analytical support for feature development, including synthesising model functionality into documentation.

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4. Support QA activity to ensure that the NZM achieves QA clearance in line with the MVP deadline. This includes supporting the development of model documentation, user guides, processes and other artifacts that will help the model to achieve the required QA scores. Details of the departmental QA processes and tools are published at <https://www.gov.uk/government/publications/energy-security-and-net-zero-modelling-quality-assurance-qa-tools-and-guidance>

Provide the department with ad-hoc client support across the above activities, including but not limited to supporting business case development, drafting internal documentation to support decision-making, facilitation of workshops with key stakeholder groups, advice on technical digital solutions to support policy development.

Contract Term

The demand over the period of the contract will be consistent with the above total FTE, noting that at times more or less of particular capabilities will be required. The period of agreement covers August 2024 – March 2025.

There will be an optional extension permitted for a period of 3 Months up until 30th June 2025.

The Department reserve the right not to instruct the extension period.

Suppliers may be located across the UK, and regular meetings will be conducted over Microsoft Teams. There is an expectation to meet once a month for an in-person team session, usually in either London or Bristol, at the supplier's expense.

Data Security & GDPR

The supplier is required to implement appropriate arrangements for data security at all times. Such procedures must meet the General Data Protection Regulation and the Data Protection Act 2018.

Any successful supplier shall uphold the Framework level requirements in relation to Data Security and adhere to any data processing in alignment with Annex 1 of Schedule 20.

Processes should be in place to safeguard against data loss, including appropriate risk management procedures. The Department reserves the right to vary the contract to ensure compliance with DPA 2018.

Indicative Timetable

There are several HNZTP programmatic dependencies upon the NZM workstream, as such this work must be strictly delivered to timetable.

Key milestones are:

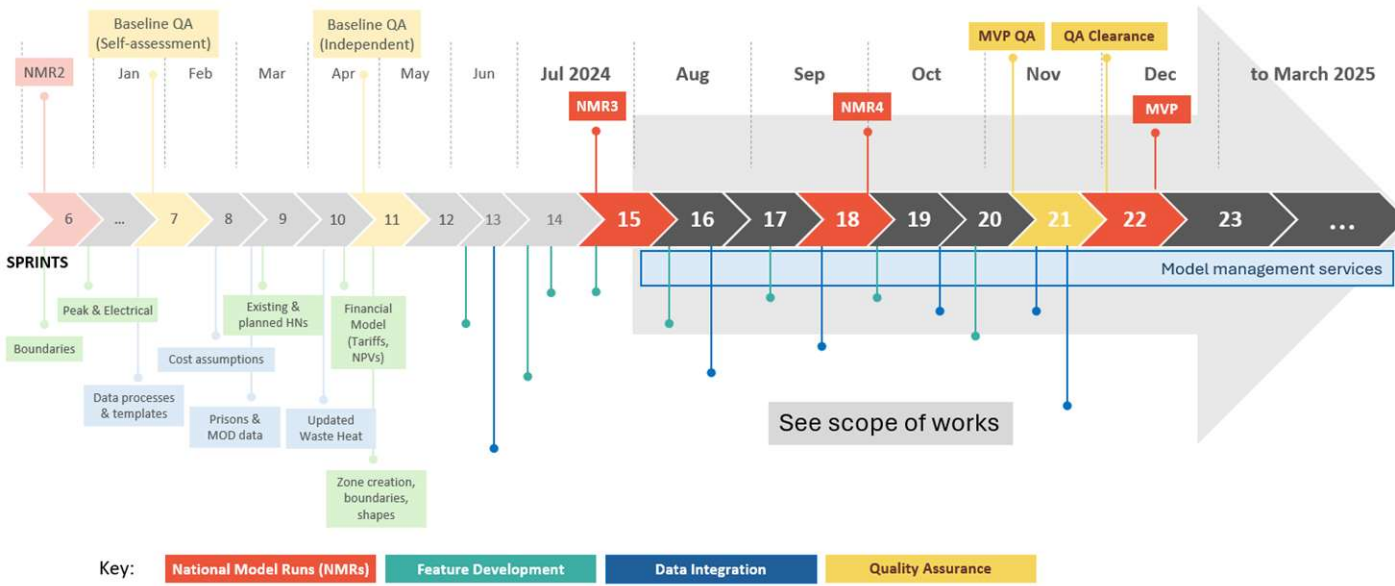
Supplier appointment and kick off – w/c 1st August 2024

NZM MVP Launch – 16th December 2024

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Project handover documentation – March 2025

Model Management Services End – March 2025



Buyer's Environmental Policy



Department for
Energy Security
& Net Zero



Department for
Science, Innovation
& Technology

DESNZ & DSIT: Environmental Policy

DESNZ and DSIT are UK government departments respectively leading on energy security & net zero and science, innovation & technology. We are committed to protecting the environment and preventing pollution. We undertake all our activities in a responsible manner, using best practice, to reduce the environmental impacts of our operations and to enhance and improve environmental performance and the Environmental Management System. DESNZ and DSIT are committed to fulfilling all environmental compliance obligations as a minimum and will strive to continually improve the environmental performance of our buildings, operations and supply chains.

DESNZ & DSIT will:

- Proactively reduce our carbon footprint by implementing energy saving practices and technologies, to be more energy efficient;
- Mitigate the impacts of business travel through relevant policies and procedures;
- Preserve and enhance biodiversity on our sites where we have opportunities and scope to do so;
- Proactively use innovation and technology to ensure efficient use of water;
- Embed the Waste Hierarchy into all waste procedures while also managing waste according to our duty of care;
- Understand and assess climate change adaptation risks for our key sites, to ensure business continuity and resilience;
- Consider sustainability in all procurement decisions, focusing on decarbonisation, sustainable resource use and climate change adaptation;
- Minimise the consumption of natural resources and reducing environmental impacts through our supply chains;
- Manage fuels and hazardous substances appropriately to minimise environmental risks;
- Regularly review performance of environmental objectives and targets;
- Regularly report on progress to the senior responsible officer;
- Communicate this policy to our staff, to everyone working for or on behalf of DESNZ and DSIT and interested parties to ensure they understand the environmental impacts of their job and how to minimise these.

DESNZ and DSIT shall monitor and review effectiveness of this policy through ISO 14001:2015 Environmental Management System and in conjunction with the ISO 50001:2018 Energy Management System.

Endorsed and signed by:

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Schedule 3 (Charges)

1. Definitions

2. How Charges are calculated

2.1 The Charges:

2.1.1 shall be calculated in accordance with the terms of this Schedule;

2.1.2 cannot be increased except as specifically permitted by this Schedule and in particular shall only be subject to Indexation where specifically stated in the Award Form; and

2.2 Any variation to the Charges payable under a Contract must be agreed between the Supplier and the Buyer and implemented using the procedure set out in this Schedule.

3. The pricing mechanisms

The pricing mechanisms and prices set out in Annex 1 shall be available for use in calculation of Charges in this Contract.

4. Are costs and expenses included in the Charges

4.1 The Charges shall include all costs and expenses relating to the provision of Deliverables. No further amounts shall be payable in respect of matters such as:

4.1.1 incidental expenses such as travel, subsistence and lodging, document or report reproduction, shipping, desktop or office equipment costs, network or data interchange costs or other telecommunications charges; or

4.1.2 costs incurred prior to the commencement of this Contract.

5. When the Supplier can ask to change the Charges

5.1 The Charges will be fixed until the Expiry Date of the Contract.

6. Other events that allow the Supplier to change the Charges

6.1 The Charges can also be varied (and Annex 1 will be updated accordingly) due to:

6.1.1 a Specific Change in Law in accordance with Clauses 28.6 to 28.8;

6.1.2 not used;

6.1.3 a request from the Supplier, which it can make at any time, to decrease the Charges.

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Annex 1: Rates and Prices

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Schedule 4 (Tender), Crown Copyright 2023, [Subject to Contract]

Schedule 4 (Tender)

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ERM Submission: Prj_4156 Technical Envelope – Q1 Approach and Methodology

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Name

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PhD (ERM Senior Consultant). **Role:** Energy Systems Modelling

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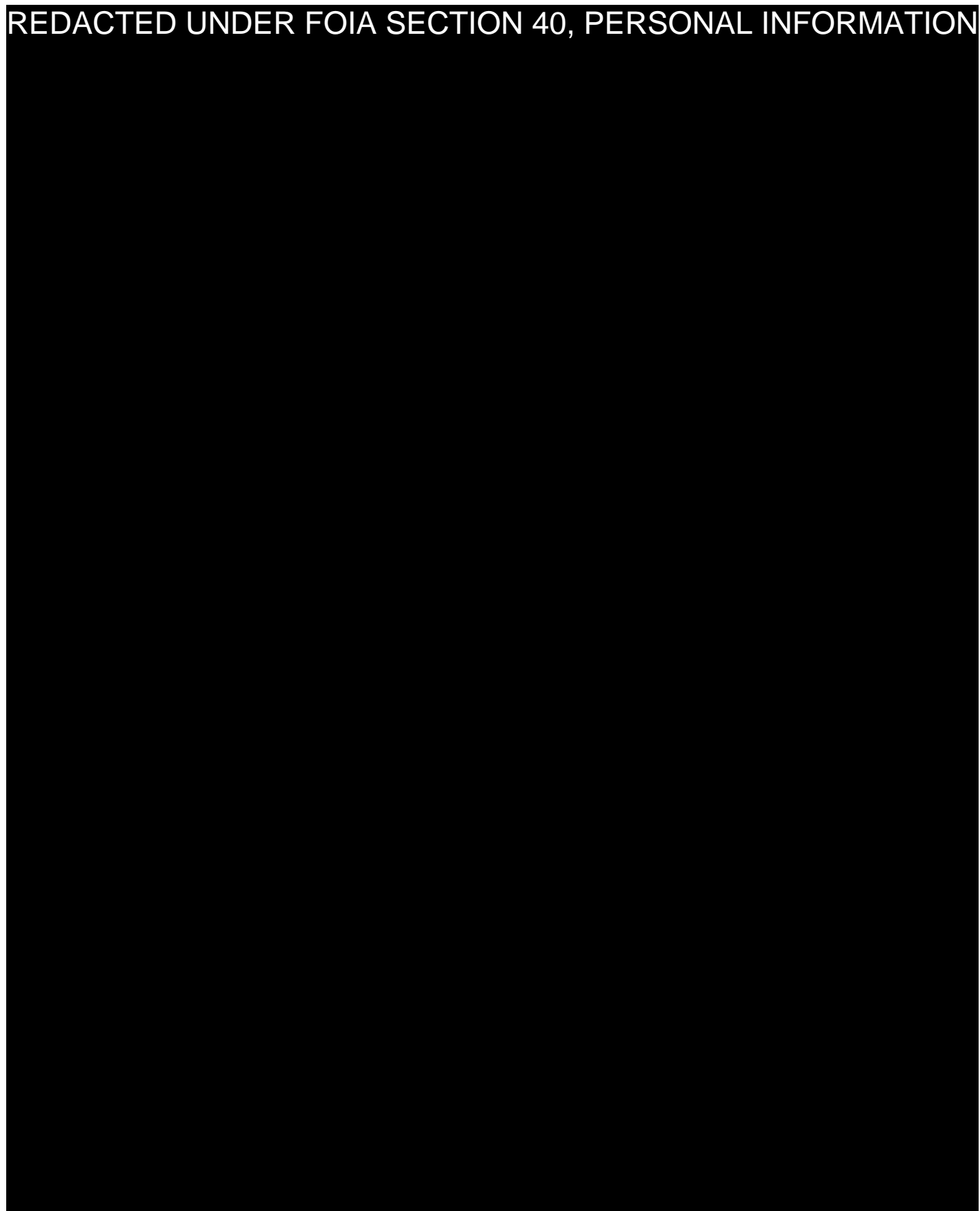
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[REDACTED]

Element Energy (acquired by ERM) — Senior Software Engineer

[REDACTED]

[REDACTED]
[REDACTED]
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[REDACTED]
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MAG Interactive — Data Engineer

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for development and collaborative version control.

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combining several sector interventions and presented a series of recommended actions for the heat network industry, government and other key stakeholders.

SBRI (2022-2023)

Solar Wizard software

Joshua conceived and directed this project, which developed a web application and underlying model to estimate and publish PV potential at the level of individual solar panels for all GB buildings (see solarwizard.org.uk).

Enfield Council (2022-2023)

Enfield Local Area Energy Plan

Joshua directed the overall development of Enfield council's LAEP, and directly managed the energy systems modelling aspects of the project, which involved high-resolution analysis of last cost pathways for decarbonisation across heat, power and transport.

BEIS (2020-2021)

THERMOS modelling support for CDDP Phase 2

Joshua led the design and delivery of city-scale heat decarbonisation modelling work for BEIS's City Decarbonisation Delivery Programme, undertaking a heat zoning exercise for six cities. The work initially focused on heat decarbonisation solutions for a subset of building types considered to be most readily influenced by policy in the immediate term e.g. the public sector estate, large private sector loads, social housing and major new developments with longer term infill zoning analysis and policy analysis following for each city.

European Commission (2016–2021)

THERMOS

THERMOS (Thermal Energy Resource Modelling and Optimisation System) was a multi-national project conceived by Joshua. It involved the design and development of ground-breaking open-source tools to accelerate the development of low carbon heating and cooling systems. Joshua was project director and technical lead, coordinating energy system mapping, modelling and application development and liaising with partners and users. THERMOS has now been released as a free open-source tool and has thousands of users across the world. (see tool.thermos-project.eu)

Ofgem (2020)

Local Area Energy Planning Guidance

Joshua was technical director for the delivery of this innovative pilot project. Led by CSE, working with Energy Systems Catapult, the project produced guidance on the LAEP method including developing and testing approaches to bringing datasets together at local level and modelling options to inform local area energy planning.

Western Power Distribution (2020-2021)

WPD Presumed Open Data (POD)

Joshua was project director for this Network Innovation Competition project which aimed to use WPD data as a worked example of how DNOs can maximise the visibility and value of data by making it discoverable, searchable, and understandable by employing common structures and interfaces.

BEIS (2019–2021)

SMETER

Working in partnership with University of Bristol's department of Computer Science, Joshua directed a project to apply machine learning methods to smart meter data in households, to estimate Heat Loss Coefficients from limited data inputs.

CCC, BEIS & DECC (2018-2021)

National Household Model II: pyNHM

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Clarification Questions and Responses

Project name or reference:		Version number:	
NZM modelling Provider prj_ 4156		1	
Question	Clarification Question	Response to Clarification Question	Date of response
1	Could you please confirm if the off-payroll rules apply to this contract?	Please refer to the contract terms and conditions attached to the ITT. This is not a contingent labour contract and thus DESNZ does not take responsibility for the employees of the supplier.	16/10/24
2	What access and ways of working will the successful supplier have to energy subject matter experts *and* civil servants?	The NZM workstream is resourced with a small team with heat networks and energy subject matter expertise who can support the developer, as outlined in the annex to the ITT. Ways of working are as outlined in the specification for this requirement. As outlined at establishment of the framework, developers are likely to need some basic knowledge and understanding of energy systems in order to meet the requirements of this specification.	16/10/24
3	Can we use examples of existing work in the Department?	Yes	16/10/24
4	Regarding team shape, do you intend to retain the existing supplier team, or is there an expectation that we will be taking over the work from them?	No existing supplier team will be retained.	16/10/24
5	Are we able to bid for individual Work Packages, i.e. respond to specific Work Packages but not all of them?	No, the supplier must provide the proposal for the full ITT requirements in their bid.	16/10/24
6	We're yet to receive the codebase for the model. Could this be shared with us, please?	The codebase has been shared with the named individual of your organisation. After the meeting we held at the end of September, we have requested all the suppliers to provide a named individual. We have shared the code base with them prior to issuing the ITT.	16/10/24
7	Can you please confirm if the requested attached CVs are included in the 5-page limit for question 2?	We can confirm that the CVs are excluded from the 5-page limit for question 2.	17/10/24
8	We note that you ask for the proportion of the contract which will be subcontracted - can you confirm whether and how the answer to this question will affect scoring?	How the bids will be assessed has been explained in the ITT document, including all the assessment criteria with description of what is expected to be provided in the answers to each question.	21/10/24

9	<p>Which price(s) will be used in the evaluation?</p> <p>1. The fixed price for sufficiently well-specified work (e.g. "use road network paths for transmission routes")</p> <p>2. The T&M price for insufficiently specified/as yet unknown work (e.g. "we anticipate that further development will be required on the user-interface").</p> <p>3. Both?</p> <p>If option 1, how will DESNZ be able to commission additional T&M items given that the ITT states that the quoted price will be fixed for the duration of the contract?</p> <p>If options 2 or 3, how will the T&M price be scored?</p> <p>If option 3, how will the two prices be combined, and how will they be scored?</p>	<p>The Total Value provided in the Pricing Schedule (cell E22), which is a total of estimated staff costs and other costs included in the table "Work Packages/Additional Costs" for the Initial Period of 16 months, will be used for the evaluation as further described in the ITT document</p>	21/10/24
10	<p>Although compute costs for national model runs can be estimated, they may be affected by future development - new modelling requirements, parameter changes, or events in the policy environment that necessitate extra model runs may affect modelling costs: this has happened in the past and so may happen again.</p> <p>Does the client expect the successful contractor to offer a fixed price for an unknown compute demand and so include the risk of modelling cost changes in its price?</p>	<p>Please use the Pricing Schedule attached to Annex A of the ITT documentation. It should answer all your questions with regards to the pricing.</p>	21/10/24
11	<p>The ITT (p35, under '12. Skills and experience') states that "Your tender response should include a summary of each proposed team members' experience and capabilities, with CVs attached".</p> <p>However on the Jaggaer portal for this opportunity there does not appear to be a dedicated question or section for uploading CVs.</p> <p>Does DESNZ require suppliers to include CVs within the zip file under '2.1.1 Technical Envelope'? Should suppliers do the same for the Risk Register and Gantt Chart?</p>	<p>Yes, please included all the CVs in the Technical envelope response. Jaggaer only has 1 section where all the files for the Technical response must be submitted.</p>	21/10/24

12	<p>Annex A Pricing Schedule spreadsheet cells D1:F1 contain the warning "Please ensure that you DO NOT alter this spreadsheet. Any alterations may result in your Pricing being disqualified."</p> <p>Does this mean that suppliers should not add rows to</p> <ul style="list-style-type: none"> - Section 1: Total Project Costs (Summary) Deliverables/Milestones table (B12:F17)? - Section 2: Staff Rate Card table (B21:D37)? <p>The instructions in the text box in cells F4:J8 state that "The Capped value is £XXXX excl VAT. The bidders with Total Cost in cell C19 exceeding this value will not be considered."</p> <ul style="list-style-type: none"> - We assume that the value of £XXXX is £748,000. Please confirm. <p>Cells B8:D8 state: "Please complete the shaded yellow sections only." However, cells B13:B16 are shaded grey, and are empty.</p> <ul style="list-style-type: none"> - Were they meant to be pre-filled, and if so, with what content? - Do they correspond to the four work packages? - Does DESNZ require suppliers to price against each work package? - Is it acceptable for suppliers to complete these cells (i.e. notwithstanding the instructions in cells B8:D8. <p>Cells B10:D10 in Annex A Price Schedule state: "Section 1: Total Project Costs (Summary) - please see the ITT for detailed description of Acceptance Criteria for each Deliverable"</p> <p>We are struggling to find specific reference to Deliverables and corresponding Acceptance Criteria in the ITT.</p> <ul style="list-style-type: none"> - please clarify the Deliverables and their corresponding Acceptance Criteria. <p>The structure of the table in cells B12:F17 implies that there are four Deliverables/Milestones".</p> <ul style="list-style-type: none"> - In the absence of further advice, and given DESNZ's clear instructions not to alter the spreadsheet, are we to assume that Deliverables/Milestones refer to the four Work Packages? <p>If so, please also refer to our question regarding evaluation of pricing, given that some of the tasks in the work packages are not sufficiently well-specified to be priced at this time (e.g. "The existing model user interface has been created to serve internal departmental analysts; it should be anticipated that some continued development to this is required."</p>	<p>No additional rows should be made to the Section 1. There is a line for any additional fixed costs that were not captured in onther lines that can be used with detailed comments.</p> <p>In folder "Annex A" the Pricing Schedule does not have any £XXXX. Please check the document that you have downloaded. All the required docuemnts are provided in the relevant folders in the ITT.</p> <p>Only sections in yellow must be completed. Please make sure that you are reviewing the correct document. Pricing Schedule in Annex A folder in the ITT must be used.</p> <p>The document attached to the question 3.2.1 of the Commercial Envelope is an example and not to be used. I have now removed it as it has been attached in error.</p>	21/10/24
13		<p>Please use the Pricing Schedule attached to Annex A of the ITT documentation. It should answer all your questions with regards to the pricing.</p>	21/10/24

[illegible]

Schedule 5 (Commercially Sensitive Information)

1. What is the Commercially Sensitive Information?

- 1.1 In this Schedule the Parties have sought to identify the Supplier's Confidential Information that is genuinely commercially sensitive and the disclosure of which would be the subject of an exemption under the FOIA and the EIRs.
- 1.2 Where possible, the Parties have sought to identify when any relevant information will cease to fall into the category of information to which this Schedule applies in the table below and in the Award Form (which shall be deemed incorporated into the table below).
- 1.3 Without prejudice to the Buyer's obligation to disclose information in accordance with FOIA or Clause 20 (When you can share information), the Buyer will, in its sole discretion, acting reasonably, seek to apply the relevant exemption set out in the FOIA to the following information:

No.	Date	Item(s)	Duration of Confidentiality
	04/11/2024	Tender submission, including quality responses and pricing breakdown	Full duration of the Contract

Schedule 6 (Transparency Reports)

- 1.1 The Supplier recognises that the Buyer is subject to PPN 01/17 (Updates to transparency principles v1.1 (<https://www.gov.uk/government/publications/procurement-policy-note-0117-update-to-transparency-principles>)). The Supplier shall comply with the provisions of this Schedule in order to assist the Buyer with its compliance with its obligations under that PPN.
- 1.2 Without prejudice to the Supplier's reporting requirements set out in this Contract, within three (3) Months of the Effective Date the Supplier shall submit to the Buyer for Approval (such Approval not to be unreasonably withheld or delayed) draft Transparency Reports consistent with the content requirements and format set out in the Annex of this Schedule.
- 1.3 If the Buyer rejects any proposed Transparency Report submitted by the Supplier, the Supplier shall submit a revised version of the relevant report for further Approval within five (5) days of receipt of any notice of rejection, taking account of any recommendations for revision and improvement to the report provided by the Buyer. If the Parties fail to agree on a draft Transparency Report the Buyer shall determine what should be included. Any other disagreement in connection with Transparency Reports shall be treated as a Dispute.
- 1.4 The Supplier shall provide accurate and up-to-date versions of each Transparency Report to the Buyer at the frequency referred to in the Annex of this Schedule.

Annex A: List of Transparency Reports

Title	Content	Format	Frequency
Contract Charges	Total Contract Charge and any price variation	Gov.uk	At start of the Contract and when a variation is instructed if applicable
Contract Award Notice	Contract award notice published detailing all relevant information pertaining to the procurement included a Contract that is redacted	Gov.uk	Within 30 days of Contract signature and any variation > 10% of the initial Contract value, duration or any material changes to scope.

Schedule 7 (Staff Transfer)

1. Definitions

- 1.1 In this Schedule, the following words have the following meanings and they shall supplement Schedule 1 (Definitions):

"Admission Agreement"	either or both of the CSPA Admission Agreement (as defined in Annex D1: CSPA) or the LGPS Admission Agreement) as defined in Annex D3: LGPS), as the context requires;
"Employee Liability"	<p>all claims, actions, proceedings, orders, demands, complaints, investigations (save for any claims for personal injury which are covered by insurance) and any award, compensation, damages, tribunal awards, fine, loss, order, penalty, disbursement, payment made by way of settlement and costs, expenses and legal costs reasonably incurred in connection with a claim or investigation including in relation to the following:</p> <ul style="list-style-type: none"> (a) redundancy payments including contractual or enhanced redundancy costs, termination costs and notice payments; (b) unfair, wrongful or constructive dismissal compensation; (c) compensation for discrimination on grounds of sex, race, disability, age, religion or belief, gender reassignment, marriage or civil partnership, pregnancy and maternity or sexual orientation or claims for equal pay; (d) compensation for less favourable treatment of part-time workers or fixed term employees; (e) outstanding debts and unlawful deduction of wages including any PAYE and National Insurance Contributions in relation to payments made by the Buyer or the Replacement Supplier to a Transferring Supplier Employee which would have been payable by the Supplier or the Subcontractor if such payment should have been made prior to the Service Transfer Date and also including any payments arising in respect of pensions;

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	<p>(f) claims whether in tort, contract or statute or otherwise;</p> <p>(g) any investigation by the Equality and Human Rights Commission or other enforcement, regulatory or supervisory body and of implementing any requirements which may arise from such investigation;</p>
"Fair Deal Employees"	as defined in Part D;
"Former Supplier"	a supplier supplying the Services to the Buyer before any Relevant Transfer Date that are the same as or substantially similar to the Services (or any part of the Services) and shall include any subcontractor of such supplier (or any subcontractor of any such subcontractor);
"New Fair Deal"	<p>the revised Fair Deal position set out in the HM Treasury guidance: "Fair Deal for staff pensions: staff transfer from central government" issued in October 2013 including:</p> <p>(a) any amendments to that document immediately prior to the Relevant Transfer Date;</p> <p>(b) any similar pension protection in accordance with the Annexes D1-D3 inclusive to Part D of this Schedule as notified to the Supplier by the Buyer;</p>
"Notified Subcontractor"	a Subcontractor identified in the Annex to this Schedule to whom Transferring Buyer Employees and/or Transferring Former Supplier Employees will transfer on a Relevant Transfer Date;
"Old Fair Deal"	HM Treasury Guidance <i>"Staff Transfers from Central Government: A Fair Deal for Staff Pensions"</i> issued in June 1999 including the supplementary guidance <i>"Fair Deal for Staff pensions: Procurement of Bulk Transfer Agreements and Related Issues"</i> issued in June 2004;

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"Partial Termination"	the partial termination of the relevant Contract to the extent that it relates to the provision of any part of the Services as further provided for in Clause 14.4 (When the Buyer can end this contract) or 14.6 (When the Supplier can end the contract);
"Replacement Subcontractor"	a subcontractor of the Replacement Supplier to whom Transferring Supplier Employees will transfer on a Service Transfer Date (or any subcontractor of any such subcontractor);
"Relevant Transfer"	a transfer of employment to which the Employment Regulations applies;
"Relevant Transfer Date"	in relation to a Relevant Transfer, the date upon which the Relevant Transfer takes place, and for the purposes of Part D and its Annexes, where the Supplier or a Subcontractor was the Former Supplier and there is no Relevant Transfer of the Fair Deal Employees because they remain continuously employed by the Supplier (or Subcontractor), references to the Relevant Transfer Date shall become references to the Start Date;
"Service Transfer"	any transfer of the Services (or any part of the Services), for whatever reason, from the Supplier or any Subcontractor to a Replacement Supplier or a Replacement Subcontractor;
"Service Transfer Date"	the date of a Service Transfer or, if more than one, the date of the relevant Service Transfer as the context requires;
"Staffing Information"	in relation to all persons identified on the Supplier's Provisional Supplier Staff List or Supplier's Final Supplier Staff List, as the case may be, all information required in Annex E2 (Table of Staffing Information) in the format specified and with the identities of Data Subjects anonymised where possible. The Buyer may acting reasonably make changes to the format or information requested in Annex E2 from time to time.
"Statutory Schemes"	means the CSPA, NHSPA or LGPS as defined in the Annexes to Part D of this Schedule;

Schedule 7 (Staff Transfer), Crown Copyright 2023, [Subject to Contract]

"Supplier's Final Supplier Staff List"	a list provided by the Supplier of all Supplier Staff whose will transfer under the Employment Regulations on the Service Transfer Date;
"Supplier's Provisional Supplier Staff List"	a list prepared and updated by the Supplier of all Supplier Staff who are at the date of the list wholly or mainly engaged in or assigned to the provision of the Services or any relevant part of the Services which it is envisaged as at the date of such list will no longer be provided by the Supplier;
"Transferring Buyer Employees"	those employees of the Buyer to whom the Employment Regulations will apply on the Relevant Transfer Date;
"Transferring Former Supplier Employees"	in relation to a Former Supplier, those employees of the Former Supplier to whom the Employment Regulations will apply on the Relevant Transfer Date; and
"Transferring Supplier Employees"	those employees of the Supplier and/or the Supplier's Subcontractors to whom the Employment Regulations will apply on the Relevant Transfer Date.

2. Interpretation

Where a provision in this Schedule imposes any obligation on the Supplier including to comply with a requirement or provide an indemnity, undertaking or warranty, the Supplier shall procure that each of its Subcontractors shall comply with such obligation and provide such indemnity, undertaking or warranty to the Buyer, Former Supplier, Replacement Supplier or Replacement Subcontractor, as the case may be and where the Subcontractor fails to satisfy any claims under such indemnities the Supplier will be liable for satisfying any such claim as if it had provided the indemnity itself.

3. Which parts of this Schedule apply

The following parts of this Schedule shall apply to this Contract:

- 3.1 Part C (No Staff Transfer Expected On Operational Services Commencement Date);
- 3.2 Part E (Staff Transfer on Exit) of this Schedule will always apply to this Contract, including:
 - 3.2.1 Annex E1 (List of Notified Subcontractors);
 - 3.2.2 Annex E2 (Staffing Information).

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Part A: Staff Transfer at the Start Date

Not Applicable.

Part B: Staff transfer at the Start Date

Not Applicable.

Part C: No Staff Transfer on the Start Date

1. What happens if there is a staff transfer

- 1.1 The Buyer and the Supplier agree that the commencement of the provision of the Services or of any part of the Services is not expected to be a Relevant Transfer in relation to any employees of the Buyer and/or any Former Supplier.
- 1.2 Subject to Paragraphs 1.3, 1.4 and 1.5, if any employee of the Buyer and/or a Former Supplier claims, or it is determined in relation to any employee of the Buyer and/or a Former Supplier, that their contract of employment has been transferred from the Buyer and/or the Former Supplier to the Supplier and/or any Subcontractor pursuant to the Employment Regulations then:
 - 1.2.1 the Supplier shall, and shall procure that the relevant Subcontractor shall, within 5 Working Days of becoming aware of that fact, notify the Buyer in writing and, where required by the Buyer, give notice to the Former Supplier;
 - 1.2.2 the Buyer and/or the Former Supplier may offer (or may procure that a third party may offer) employment to such person, or take such other steps as it considered appropriate to resolve the matter, within 15 Working Days of receipt of notice from the Supplier or the Subcontractor, provided always that such steps are in compliance with applicable Law;
 - 1.2.3 if such offer of employment is accepted, the Supplier shall, or shall procure that the Subcontractor shall, immediately release the person from its employment; and
 - 1.2.4 if after the period referred to in Paragraph 1.2.2 no such offer has been made, or such offer has been made but not accepted, the Supplier may within 5 Working Days give notice to terminate the employment of such person;

and subject to the Supplier's compliance with Paragraphs 1.2.1 to 1.2.4 and in accordance with all applicable employment procedures set out in applicable Law and subject also to Paragraph 1.5:

- (a) the Buyer will indemnify the Supplier and/or the relevant Subcontractor against all Employee Liabilities arising out of the termination of the employment of any of the Buyer's employees referred to in Paragraph 1.2 provided that the Supplier takes, or shall procure that the Notified Subcontractor takes, all reasonable steps to minimise any such Employee Liabilities; and
- (b) the Buyer will procure that the Former Supplier indemnifies the Supplier and/or any Subcontractor against all Employee Liabilities arising out of termination of the employment of the employees of the Former Supplier referred to in Paragraph 1.2 provided that the Supplier takes, or shall procure that the relevant Subcontractor takes, all reasonable steps to minimise any such Employee Liabilities.

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- 1.3 If any such person as is described in Paragraph 1.2 is neither re employed by the Buyer and/or the Former Supplier as appropriate nor dismissed by the Supplier and/or any Subcontractor within the 15 Working Day period referred to in Paragraph 1.2 such person shall be treated as having transferred to the Supplier and/or the Subcontractor (as appropriate) and the Supplier shall, or shall procure that the Subcontractor shall, (a) comply with such obligations as may be imposed upon it under Law and (b) comply with the provisions of Part D (Pensions) and its Annexes of this Staff Transfer Schedule.
- 1.4 Where any person remains employed by the Supplier and/or any Subcontractor pursuant to Paragraph 1.3, all Employee Liabilities in relation to such employee shall remain with the Supplier and/or the Subcontractor and the Supplier shall indemnify the Buyer and any Former Supplier, and shall procure that the Subcontractor shall indemnify the Buyer and any Former Supplier, against any Employee Liabilities that either of them may incur in respect of any such employees of the Supplier and/or employees of the Subcontractor.
- 1.5 The indemnities in Paragraph 1.2 shall not apply to any claim:
 - 1.5.1 for discrimination, including on the grounds of sex, race, disability, age, gender reassignment, marriage or civil partnership, pregnancy and maternity or sexual orientation, religion or belief;
 - 1.5.2 or equal pay or compensation for less favourable treatment of part-time workers or fixed-term employees,in relation to any alleged act or omission of the Supplier and/or Subcontractor; or
 - 1.5.3 any claim that the termination of employment was unfair because the Supplier and/or any Subcontractor neglected to follow a fair dismissal procedure; and
- 1.6 The indemnities in Paragraph 1.2 shall not apply to any termination of employment occurring later than 6 Months from the relevant Transfer Date.
- 1.7 If the Supplier and/or the Subcontractor does not comply with Paragraph 1.2, all Employee Liabilities in relation to such employees shall remain with the Supplier and/or the Subcontractor and the Supplier shall (i) comply with the provisions of Part D: Pensions of this Schedule, and (ii) indemnify the Buyer and any Former Supplier against any Employee Liabilities that either of them may incur in respect of any such employees of the Supplier and/or employees of the Subcontractor.

2. Limits on the Former Supplier's obligations

Where in this Part C the Buyer accepts an obligation to procure that a Former Supplier does or does not do something, such obligation shall be limited so that it extends only to the extent that the Buyer's contract with the Former Supplier contains a contractual right in that regard which the Buyer may enforce, or otherwise so that it requires only that the Buyer must use reasonable endeavours to procure that the Former Supplier does or does not act accordingly.

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Part D: Pensions

Not Applicable.

Part E: Staff Transfer on Exit

1. Obligations before a Staff Transfer

1.1 The Supplier agrees that within twenty (20) Working Days of the earliest of:

- 1.1.1 receipt of a notification from the Buyer of a Service Transfer or intended Service Transfer;
- 1.1.2 receipt of the giving of notice of early termination or any Partial Termination of the relevant Contract; and
- 1.1.3 the date which is twelve (12) Months before the end of the Term; or
- 1.1.4 receipt of a written request of the Buyer at any time (provided that the Buyer shall only be entitled to make one such request in any six (6) Month period),

it shall provide in a suitably anonymised format so as to comply with the Data Protection Legislation, the Supplier's Provisional Supplier Staff List, together with the Staffing Information in relation to the Supplier's Provisional Supplier Staff List and it shall provide an updated Supplier's Provisional Supplier Staff List at such intervals as are reasonably requested by the Buyer.

1.2 At least twenty (20) Working Days prior to the Service Transfer Date, the Supplier shall provide to the Buyer or at the direction of the Buyer to any Replacement Supplier and/or any Replacement Subcontractor

- 1.2.1 the Supplier's Final Supplier Staff List, which shall identify the basis upon which they are Transferring Supplier Employees and
- 1.2.2 the Staffing Information in relation to the Supplier's Final Supplier Staff List (insofar as such information has not previously been provided).

1.3 The Buyer shall be permitted to use and disclose information provided by the Supplier under Paragraphs 1.1 and 1.2 for the purpose of informing any prospective Replacement Supplier and/or Replacement Subcontractor.

1.4 The Supplier warrants, for the benefit of The Buyer, any Replacement Supplier, and any Replacement Subcontractor that all information provided pursuant to Paragraphs 1.1 and 1.2 shall be true and accurate in all material respects at the time of providing the information.

1.5 From the date of the earliest event referred to in Paragraphs 1.1.1, 1.1.2 and 1.1.3, the Supplier agrees that it shall not assign any person to the provision of the Services who is not listed on the Supplier's Provisional Supplier Staff List and shall, unless otherwise instructed by the Buyer (acting reasonably):

- 1.5.1 not replace or re-deploy any Supplier Staff listed on the Supplier Provisional Supplier Staff List other than where any replacement is of equivalent grade, skills, experience and expertise and is employed on the same terms and conditions of employment as the person they replace

Schedule 7 (Staff Transfer), Crown Copyright 2023, [Subject to Contract]

- 1.5.2 not make, promise, propose, permit or implement any material changes to the terms and conditions of (i) employment and/or (ii) pensions, retirement and death benefits (including not to make pensionable any category of earnings which were not previously pensionable or reduce the pension contributions payable) of the Supplier Staff (including any payments connected with the termination of employment);
- 1.5.3 not increase the proportion of working time spent on the Services (or the relevant part of the Services) by any of the Supplier Staff save for fulfilling assignments and projects previously scheduled and agreed;
- 1.5.4 not introduce any new contractual or customary practice concerning the making of any lump sum payment on the termination of employment of any employees listed on the Supplier's Provisional Supplier Staff List;
- 1.5.5 not increase or reduce the total number of employees so engaged, or deploy any other person to perform the Services (or the relevant part of the Services);
- 1.5.6 not terminate or give notice to terminate the employment or contracts of any persons on the Supplier's Provisional Supplier Staff List save by due disciplinary process;
- 1.5.7 not dissuade or discourage any employees engaged in the provision of the Services from transferring their employment to the Buyer and/or the Replacement Supplier and/or Replacement Subcontractor;
- 1.5.8 give the Buyer and/or the Replacement Supplier and/or Replacement Subcontractor reasonable access to Supplier Staff and/or their consultation representatives to inform them of the intended transfer and consult any measures envisaged by the Buyer, Replacement Supplier and/or Replacement Subcontractor in respect of persons expected to be Transferring Supplier Employees;
- 1.5.9 co-operate with the Buyer and the Replacement Supplier to ensure an effective consultation process and smooth transfer in respect of Transferring Supplier Employees in line with good employee relations and the effective continuity of the Services, and to allow for participation in any pension arrangements to be put in place to comply with New Fair Deal;
- 1.5.10 promptly notify the Buyer or, at the direction of the Buyer, any Replacement Supplier and any Replacement Subcontractor of any notice to terminate employment given by the Supplier or received from any persons listed on the Supplier's Provisional Supplier Staff List regardless of when such notice takes effect;
- 1.5.11 not for a period of twelve (12) Months from the Service Transfer Date re-employ or re-engage or entice any employees, suppliers or Subcontractors whose employment or engagement is transferred to

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- the Buyer and/or the Replacement Supplier (unless otherwise instructed by the Buyer (acting reasonably));
- 1.5.12 not to adversely affect pension rights accrued by all and any Fair Deal Employees in the period ending on the Service Transfer Date;
 - 1.5.13 fully fund any Broadly Comparable pension schemes set up by the Supplier;
 - 1.5.14 maintain such documents and information as will be reasonably required to manage the pension aspects of any onward transfer of any person engaged or employed by the Supplier or any Subcontractor in the provision of the Services on the expiry or termination of this Contract (including identification of the Fair Deal Employees);
 - 1.5.15 promptly provide to the Buyer such documents and information mentioned in Paragraph 3.1.1 of Part D: Pensions which the Buyer may reasonably request in advance of the expiry or termination of this Contract; and
 - 1.5.16 fully co-operate (and procure that the trustees of any Broadly Comparable pension scheme shall fully co-operate) with the reasonable requests of the Supplier relating to any administrative tasks necessary to deal with the pension aspects of any onward transfer of any person engaged or employed by the Supplier or any Subcontractor in the provision of the Services on the expiry or termination of this Contract.
- 1.6 On or around each anniversary of the Start Date and up to four times during the last twelve (12) Months of the Term, the Buyer may make written requests to the Supplier for information relating to the manner in which the Services are organised. Within twenty (20) Working Days of receipt of a written request the Supplier shall provide such information as the Buyer may reasonably require which shall include:
- 1.6.1 the numbers of Supplier Staff engaged in providing the Services;
 - 1.6.2 the percentage of time spent by each Supplier Staff engaged in providing the Services;
 - 1.6.3 the extent to which each employee qualifies for membership of any of the Fair Deal Schemes (as defined in Part D: Pensions); and
 - 1.6.4 a description of the nature of the work undertaken by each Supplier Staff by location.
- 1.7 The Supplier shall provide all reasonable cooperation and assistance to the Buyer, any Replacement Supplier and/or any Replacement Subcontractor to ensure the smooth transfer of the Transferring Supplier Employees on the Service Transfer Date including providing sufficient information in advance of the Service Transfer Date to ensure that all necessary payroll arrangements can be made to enable the Transferring Supplier Employees to be paid as appropriate. Without prejudice to the generality of the foregoing, within five (5) Working Days following the Service Transfer Date, the Supplier shall provide to the Buyer or, at the direction of the Buyer, to

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any Replacement Supplier and/or any Replacement Subcontractor (as appropriate), in respect of each person on the Supplier's Final Supplier Staff List who is a Transferring Supplier Employee:

- 1.7.1 the most recent month's copy pay slip data;
 - 1.7.2 details of cumulative pay for tax and pension purposes;
 - 1.7.3 details of cumulative tax paid;
 - 1.7.4 tax code;
 - 1.7.5 details of any voluntary deductions from pay;
 - 1.7.6 a copy of any personnel file and/or any other records regarding the service of the Transferring Supplier Employee;
 - 1.7.7 a complete copy of the information required to meet the minimum recording keeping requirements under the Working Time Regulations 1998 and the National Minimum Wage Regulations 1998; and
 - 1.7.8 bank/building society account details for payroll purposes.
- 1.8 From the date of the earliest event referred to in Paragraph 1.1.1, 1.1.2 and 1.1.3 the Supplier agrees that following within twenty (20) Working Days of a request from the Authority it shall and shall procure that each Sub-contractor shall use reasonable endeavours to comply with any [reasonable] request to align and assign Supplier Staff to any future delivery model proposed by the Authority for Replacement Services within thirty (30) Working Days or such longer timescale as may be agreed.
- 1.9 Any changes necessary to this Contract as a result of alignment referred to in Paragraph 1.8 shall be agreed in accordance with the Variation Procedure.

2. Staff Transfer when the contract ends

- 2.1 The Buyer and the Supplier acknowledge that subsequent to the commencement of the provision of the Services, the identity of the provider of the Services (or any part of the Services) may change (whether as a result of termination or Partial Termination of this Contract or otherwise) resulting in the Services being undertaken by a Replacement Supplier and/or a Replacement Subcontractor. Such change in the identity of the supplier of such services may constitute a Relevant Transfer to which the Employment Regulations will apply. The Buyer and the Supplier further agree that, as a result of the operation of the Employment Regulations, where a Relevant Transfer occurs, the contracts of employment between the Supplier and the Transferring Supplier Employees (except in relation to any contract terms disapplied through operation of regulation 10 of the Employment Regulations) will have effect on and from the Service Transfer Date as if originally made between the Replacement Supplier and/or a

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Replacement Subcontractor (as the case may be) and each such Transferring Supplier Employee

- 2.2 The Supplier shall, and shall procure that each Subcontractor shall, comply with all its obligations under the Employment Regulations and in particular obligations in respect of the Transferring Supplier Employees arising under the Employment Regulations in respect of the period up to (but excluding) the Service Transfer Date and shall perform and discharge, and procure that each Subcontractor shall perform and discharge, all its obligations in respect of any person identified in the Supplier's Final Supplier Staff List arising in respect of the period up to (but excluding) the Service Transfer Date (including the payment of all remuneration, benefits, entitlements and outgoings, all wages, accrued but untaken holiday pay, bonuses, commissions, payments of PAYE, national insurance contributions and pension contributions and all such sums due as a result of any Fair Deal Employees' participation in the Statutory Schemes and any requirement to set up a broadly comparable pension scheme which in any case are attributable in whole or in part to the period ending on (but excluding) the Service Transfer Date) and any necessary apportionments in respect of any periodic payments shall be made between: (i) the Supplier and/or the Subcontractor (as appropriate); and (ii) the Replacement Supplier and/or Replacement Subcontractor.
- 2.3 Subject to Paragraph 2.4, the Supplier shall indemnify the Buyer and/or the Replacement Supplier and/or any Replacement Subcontractor against any Employee Liabilities arising from or as a result of:
 - 2.3.1 any act or omission of the Supplier or any Subcontractor in respect of any Transferring Supplier Employee or any appropriate employee representative (as defined in the Employment Regulations) of any Transferring Supplier Employee whether occurring before, on or after the Service Transfer Date.
 - 2.3.2 the breach or non-observance by the Supplier or any Subcontractor occurring before but excluding the Service Transfer Date of:
 - (a) any collective agreement applicable to the Transferring Supplier Employees; and/or
 - (b) any other custom or practice with a trade union or staff association in respect of any Transferring Supplier Employees which the Supplier or any Subcontractor is contractually bound to honour;
 - 2.3.3 any claim by any trade union or other body or person representing any Transferring Supplier Employees arising from or connected with any failure by the Supplier or a Subcontractor to comply with any legal obligation to such trade union, body or person arising before but excluding the Service Transfer Date;
 - 2.3.4 any proceeding, claim or demand by HMRC or other statutory authority in respect of any financial obligation including, but not limited to, PAYE and primary and secondary national insurance contributions:

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- (a) in relation to any Transferring Supplier Employee, to the extent that the proceeding, claim or demand by HMRC or other statutory authority relates to financial obligations arising before but excluding the Service Transfer Date; and
 - (b) in relation to any employee who is not identified in the Supplier's Final Supplier Staff List, and in respect of whom it is later alleged or determined that the Employment Regulations applied so as to transfer their employment from the Supplier to the Buyer and/or Replacement Supplier and/or any Replacement Subcontractor, to the extent that the proceeding, claim or demand by HMRC or other statutory authority relates to financial obligations arising before but excluding the Service Transfer Date;
- 2.3.5 a failure of the Supplier or any Subcontractor to discharge or procure the discharge of all wages, salaries and all other benefits and all PAYE tax deductions and national insurance contributions relating to the Transferring Supplier Employees in respect of the period up to (but excluding) the Service Transfer Date);
- 2.3.6 any claim made by or in respect of any person employed or formerly employed by the Supplier or any Subcontractor other than a Transferring Supplier Employee identified in the Supplier's Final Supplier Staff List for whom it is alleged the Buyer and/or the Replacement Supplier and/or any Replacement Subcontractor may be liable by virtue of this Contract and/or the Employment Regulations; and
- 2.3.7 any claim made by or in respect of a Transferring Supplier Employee or any appropriate employee representative (as defined in the Employment Regulations) of any Transferring Supplier Employee relating to any act or omission of the Supplier or any Subcontractor in relation to its obligations under regulation 13 of the Employment Regulations, except to the extent that the liability arises from the failure by the Buyer and/or Replacement Supplier to comply with regulation 13(4) of the Employment Regulations.
- 2.4 The indemnity in Paragraph 2.3 shall not apply to the extent that the Employee Liabilities arise or are attributable to an act or omission of the Replacement Supplier and/or any Replacement Subcontractor whether occurring or having its origin before, on or after the Service Transfer Date, Including any Employee Liabilities:
 - 2.4.1 arising out of the resignation of any Transferring Supplier Employee before the Service Transfer Date on account of substantial detrimental changes to their working conditions proposed by the Replacement Supplier and/or any Replacement Subcontractor to occur in the period on or after the Service Transfer Date); or
 - 2.4.2 arising from the Replacement Supplier's failure, and/or Replacement Subcontractor's failure, to comply with its obligations under the Employment Regulations.

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2.5 Subject to Paragraphs 2.6 and 2.7, if any employee of the Supplier who is not identified in the Supplier's Final Transferring Supplier Employee List claims, or it is determined in relation to any employees of the Supplier, that their contract of employment has been transferred from the Supplier to the Replacement Supplier and/or Replacement Subcontractor pursuant to the Employment Regulations then:

- 2.5.1 the Replacement Supplier and/or Replacement Subcontractor will, within five (5) Working Days of becoming aware of that fact, notify the Buyer and the Supplier in writing;
- 2.5.2 the Supplier may offer employment to such person, or take such other steps as it considered appropriate to resolve the matter, within fifteen (15) Working Days of receipt of notice from the Replacement Supplier and/or Replacement Subcontractor or take such other reasonable steps as it considers appropriate to deal with the matter provided always that such steps are in compliance with Law;
- 2.5.3 if such offer of employment is accepted, or if the situation has otherwise been resolved by the Supplier or a Subcontractor, the Replacement Supplier and/or Replacement Subcontractor shall immediately release the person from its employment or alleged employment;
- 2.5.4 if after the period referred to in Paragraph 2.5.2 no such offer has been made, or such offer has been made but not accepted, or the situation has not otherwise been resolved, the Replacement Supplier and/or Replacement Subcontractor may within 5 Working Days give notice to terminate the employment of such person;

and subject to the Replacement Supplier's and/or Replacement Subcontractor's compliance with Paragraphs 2.5.1 to 2.5.4 the Supplier will indemnify the Replacement Supplier and/or Replacement Subcontractor against all Employee Liabilities arising out of the termination of the employment of any of the Supplier's employees referred to in Paragraph 2.5 provided that the Replacement Supplier takes, or shall procure that the Replacement Subcontractor takes, all reasonable steps to minimise any such Employee Liabilities.

2.6 The indemnity in Paragraph 2.5 shall not apply to:

- 2.6.1 any claim for:
 - (a) discrimination, including on the grounds of sex, race, disability, age, gender reassignment, marriage or civil partnership, pregnancy and maternity or sexual orientation, religion or belief; or
 - (b) equal pay or compensation for less favourable treatment of part-time workers or fixed-term employees,
 arising as a result of any alleged act or omission of the Replacement Supplier and/or Replacement Subcontractor; or

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- 2.6.2 any claim that the termination of employment was unfair because the Replacement Supplier and/or Replacement Subcontractor neglected to follow a fair dismissal procedure.
- 2.7 The indemnity in Paragraph 2.5 shall not apply to any termination of employment occurring later than six (6) Months from the Service Transfer Date.
- 2.8 If at any point the Replacement Supplier and/or Replacement Subcontract accepts the employment of any such person as is described in Paragraph 2.5, such person shall be treated as a Transferring Supplier Employee and Paragraph 2.5 shall cease to apply to such person.
- 2.9 The Supplier shall comply, and shall procure that each Subcontractor shall comply, with all its obligations under the Employment Regulations and shall perform and discharge, and shall procure that each Subcontractor shall perform and discharge, all its obligations in respect of any person identified in the Supplier's Final Supplier Staff List before and on the Service Transfer Date (including the payment of all remuneration, benefits, entitlements and outgoings, all wages, accrued but untaken holiday pay, bonuses, commissions, payments of PAYE, national insurance contributions and pension contributions and such sums due as a result of any Fair Deal Employees' participation in the Schemes and any requirement to set up a broadly comparable pension scheme which in any case are attributable in whole or in part in respect of the period up to (and including) the Service Transfer Date) and any necessary apportionments in respect of any periodic payments shall be made between:
 - 2.9.1 the Supplier and/or any Subcontractor; and
 - 2.9.2 the Replacement Supplier and/or the Replacement Subcontractor.
- 2.10 The Supplier shall promptly provide the Buyer and any Replacement Supplier and/or Replacement Subcontractor, in writing such information as is necessary to enable the Buyer, the Replacement Supplier and/or Replacement Subcontractor to carry out their respective duties under regulation 13 of the Employment Regulations. The Buyer shall procure that the Replacement Supplier and/or Replacement Subcontractor, shall promptly provide to the Supplier and each Subcontractor in writing such information as is necessary to enable the Supplier and each Subcontractor to carry out their respective duties under regulation 13 of the Employment Regulations.
- 2.11 Subject to Paragraph 2.12, the Buyer shall procure that the Replacement Supplier indemnifies the Supplier on its own behalf and on behalf of any Replacement Subcontractor and its Subcontractors against any Employee Liabilities arising from or as a result of:
 - 2.11.1 any act or omission, whether occurring before, on or after the Service Transfer Date, of the Replacement Supplier and/or Replacement Subcontractor in respect of any Transferring Supplier Employee or any appropriate employee representative (as defined in the Employment Regulations) of any such Transferring Supplier Employee.

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- 2.11.2 the breach or non-observance by the Replacement Supplier and/or Replacement Subcontractor on or after the Service Transfer Date of:
 - (a) any collective agreement applicable to the Transferring Supplier Employees identified in the Supplier's Final Supplier Staff List; and/or
 - (b) any custom or practice in respect of any Transferring Supplier Employees identified in the Supplier's Final Supplier Staff List which the Replacement Supplier and/or Replacement Subcontractor is contractually bound to honour;
- 2.11.3 any claim by any trade union or other body or person representing any Transferring Supplier Employees identified in the Supplier's Final Supplier Staff List arising from or connected with any failure by the Replacement Supplier and/or Replacement Subcontractor to comply with any legal obligation to such trade union, body or person arising on or after the Service Transfer Date;
- 2.11.4 any proposal by the Replacement Supplier and/or Replacement Subcontractor to change the terms and conditions of employment or working conditions of any Transferring Supplier Employees identified in the Supplier's Final Supplier Staff List on or after their transfer to the Replacement Supplier or Replacement Subcontractor (as the case may be) on the Service Transfer Date, or to change the terms and conditions of employment or working conditions of any person identified in the Supplier's Final Supplier Staff List who would have been a Transferring Supplier Employee but for their resignation (or decision to treat their employment as terminated under regulation 4(9) of the Employment Regulations) before the Service Transfer Date as a result of or for a reason connected to such proposed changes;
- 2.11.5 any statement communicated to or action undertaken by the Replacement Supplier or Replacement Subcontractor to, or in respect of, any Transferring Supplier Employee identified in the Supplier's Final Supplier Staff List on or before the Service Transfer Date regarding the Relevant Transfer which has not been agreed in advance with the Supplier in writing;
- 2.11.6 any proceeding, claim or demand by HMRC or other statutory authority in respect of any financial obligation including, but not limited to, PAYE and primary and secondary national insurance contributions:
 - (a) in relation to any Transferring Supplier Employee identified in the Supplier's Final Supplier Staff List, to the extent that the proceeding, claim or demand by HMRC or other statutory authority relates to financial obligations arising on and after the Service Transfer Date; and
 - (b) in relation to any employee who is not a Transferring Supplier Employee identified in the Supplier's Final Supplier

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Staff List, and in respect of whom it is later alleged or determined that the Employment Regulations applied so as to transfer their employment from the Supplier or Subcontractor, to the Replacement Supplier or Replacement Subcontractor to the extent that the proceeding, claim or demand by HMRC or other statutory authority relates to financial obligations arising on and after the Service Transfer Date;

- 2.11.7 a failure of the Replacement Supplier or Replacement Subcontractor to discharge or procure the discharge of all wages, salaries and all other benefits and all PAYE tax deductions and national insurance contributions relating to the Transferring Supplier Employees identified in the Supplier's Final Supplier Staff List in respect of the period from (and including) the Service Transfer Date; and
 - 2.11.8 any claim made by or in respect of a Transferring Supplier Employee identified in the Supplier's Final Supplier Staff List or any appropriate employee representative (as defined in the Employment Regulations) of any such Transferring Supplier Employee relating to any act or omission of the Replacement Supplier or Replacement Subcontractor in relation to obligations under regulation 13 of the Employment Regulations.
- 2.12 The indemnity in Paragraph 2.11 shall not apply to the extent that the Employee Liabilities arise or are attributable to an act or omission of the Supplier and/or any Subcontractor (as applicable) whether occurring or having its origin before, on or after the Service Transfer Date, including any Employee Liabilities arising from the failure by the Supplier and/or any Subcontractor (as applicable) to comply with its obligations under the Employment Regulations, or to the extent the Employee Liabilities arise out of the termination of employment of any person who is not identified in the Supplier's Final Supplier Staff List in accordance with Paragraph 2.5 (and subject to the limitations set out in Paragraphs 2.6 and 2.7 above).

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Annex E1: List of Notified Subcontractors

Annex E2: Staffing Information

EMPLOYEE INFORMATION (ANONYMISED)

Name of Transferor: [Insert name of Transferor]

Number of Employees in-scope to transfer: []

{Guidance notes

- 1 If you have any Key Subcontractors, please complete all the above information for any staff employed by such Key Subcontractor(s) in a separate spreadsheet.**
- 2 This spreadsheet is used to collect information from the current employer (transferor) about employees performing the relevant services to help plan for a potential TUPE transfer. Some or all of this information may be disclosed to bidders as part of a procurement process. The information should not reveal the employees' identities.**
- 3 If the information cannot be included on this form, attach the additional information, such as relevant policies, and cross reference to the item number and employee number where appropriate.]**

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EMPLOYEE DETAILS & KEY TERMS							
Details	Job Title	Grade / band	Work Location	Age	Employment status (for example, employee, fixed-term employee, self-employed, agency worker)?	Continuous service date (dd/mm/yy)	Date employment started with existing employer
Emp No 1							
Emp No 2							
Emp No							
Emp No							
Emp No							
Emp No							
Emp No							
Emp No							

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EMPLOYEE DETAILS & KEY TERMS								
	Details	Contract end date (if fixed term contract or temporary contract)	Contractual notice period	Contractual weekly hours	Regular overtime hours per week	Mobility or flexibility clause in contract?	Previously TUPE transferred to organisation? If so, please specify (i) date of transfer, (ii) name of transferor, and (iii) whether ex public sector	Any collective agreements?
	Emp No 1							
	Emp No 2							
	Emp No							
	Emp No							
	Emp No							
	Emp No							
	Emp No							

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		CONTRACTUAL PAY AND BENEFITS						
ASSIGNMENT								
	% of working time dedicated to the provision of services under the contract	Salary (or hourly rate of pay)	Payment interval (weekly / fortnightly / monthly)	Bonus payment for previous 12 months (please specify whether contractual or discretionary entitlement)	Pay review method	Frequency of pay reviews	Agreed pay increases	Next pay review date
	Details							
	Emp No 1							
	Emp No 2							
	Emp No							
	Emp No							
	Emp No							
	Emp No							
	Emp No							

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CONTRACTUAL PAY AND BENEFITS								
Details	Any existing or future commitment to training that has a time-off or financial implication	Car allowance (£ per year)	Lease or company car details	Any other allowances paid (e.g. shift allowance, standby allowance, travel allowance)	Private medical insurance (please specify whether single or family cover)	Life assurance (xSalary)	Long Term Disability / PHI (% of Salary	Any other benefits in kind
Emp No 1								
Emp No 2								
Emp No								
Emp No								
Emp No								
Emp No								
Emp No								

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CONTRACTUAL PAY AND BENEFITS						
Details	Annual leave entitlement (excluding bank holidays)	Bank holiday entitlement	Method of calculating holiday pay (i.e. based on fixed salary only or incl. entitlements to variable remuneration such as bonuses, allowances, commission or overtime pay?)	Maternity or paternity or shared parental leave entitlement and pay	Sick leave entitlement and pay	Redundancy pay entitlement (statutory / enhanced / contractual / discretionary)
Emp No 1						
Emp No 2						
Emp No						
Emp No						
Emp No						
Emp No						
Emp No						

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PENSIONS						
Details	Employee pension contribution rate	Employer pension contribution rate	Please provide the name of the pension scheme and a link to the pension scheme website	Is the scheme an occupational pension scheme as defined in the Pension Schemes Act 1993?	If the scheme is not an occupational pension scheme, what type of scheme is it? E.g. personal pension scheme?	Type of pension provision e.g. defined benefit (CARE or final salary, and whether a public sector scheme e.g. CSPA, NHSPS, LGPS etc. or a broadly comparable scheme) or a defined contribution scheme or an auto enrolment master trust?
Emp No 1						
Emp No 2						
Emp No						
Emp No						
Emp No						
Emp No						
Emp No						

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	PENSIONS					
Details	If the Employee is in the Local Government Pension Scheme, please supply details of Fund and Administering Authority.	If the Employee is in the Civil Service Pension Scheme, please provide details of the Admission Agreement.	If the Employee is in the NHSPS, please provide details of the Direction Letter.	If the Employee is in a broadly comparable pension scheme, please supply a copy of the GAD certificate of Broad Comparability.	Did Fair Deal or any other similar pension protection for ex-public sector employees apply to the employee when they TUPE transferred into your employment? If so, what was the nature of that protection (e.g. right to participate in a public sector pension scheme, or a broadly comparable scheme, or to bulk transfer past pension service into their current scheme)?	If Fair Deal, Best Value or other pension protection applied, which public sector employer did they originally transfer out of and when?
Emp No 1						
Emp No 2						
Emp No						
Emp No						
Emp No						
Emp No						
Emp No						

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OTHER			
Details	Security Check Level	Security Clearance Expiry date	Additional info or comments
Emp No 1			
Emp No 2			
Emp No			
Emp No			
Emp No			
Emp No			
Emp No			

Schedule 10 (Service Levels)

1. Definitions

- 1.1 In this Schedule, the following words shall have the following meanings and they shall supplement Schedule 1 (Definitions):

"Critical Service Level Failure"	has the meaning given to it in the Award Form;
"Service Credits"	any service credits specified in the Annex to Part A of this Schedule being payable by the Supplier to the Buyer in respect of any failure by the Supplier to meet one or more Service Levels;
"Service Credit Cap"	has the meaning given to it in the Award Form;
"Service Level Failure"	means a failure to meet the Service Level Performance Measure in respect of a Service Level;
"Service Level Performance Measure"	shall be as set out against the relevant Service Level in the Annex to Part A of this Schedule; and
"Service Level Threshold"	shall be as set out against the relevant Service Level in the Annex to Part A of this Schedule.

2. What happens if you don't meet the Service Levels

- 2.1 The Supplier shall at all times provide the Deliverables to meet or exceed the Service Level Performance Measure for each Service Level.
- 2.2 The Supplier acknowledges that any Service Level Failure shall entitle the Buyer to the rights set out in Part A of this Schedule including the right to any Service Credits and that any Service Credit is a price adjustment and not an estimate of the Loss that may be suffered by the Buyer as a result of the Supplier's failure to meet any Service Level Performance Measure.
- 2.3 The Supplier shall send Performance Monitoring Reports to the Buyer detailing the level of service which was achieved in accordance with the provisions of Part B (Performance Monitoring) of this Schedule.
- 2.4 A Service Credit shall be the Buyer's exclusive financial remedy for a Service Level Failure except where:
- 2.4.1 the Supplier has over the previous twelve (12) Month period exceeded the Service Credit Cap; and/or
- 2.4.2 the Service Level Failure:
- (a) exceeds the relevant Service Level Threshold;
 - (b) has arisen due to a Prohibited Act or wilful Default by the Supplier;

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- (c) results in the corruption or loss of any Government Data; and/or
 - (d) results in the Buyer being required to make a compensation payment to one or more third parties; and/or
- 2.4.3 the Buyer is also entitled to or does terminate this Contract pursuant to Clause 14.4 of the Core Terms (When the Buyer can end the contract).
- 2.5 Not more than once in each Contract Year, the Buyer may, on giving the Supplier at least three (3) Months' notice, change the weighting of Service Level Performance Measure in respect of one or more Service Levels and the Supplier shall not be entitled to object to, or increase the Charges as a result of such changes, provided that:
 - 2.5.1 the total number of Service Levels for which the weighting is to be changed does not exceed the number applicable as at the Start Date;
 - 2.5.2 the principal purpose of the change is to reflect changes in the Buyer's business requirements and/or priorities or to reflect changing industry standards; and
 - 2.5.3 there is no change to the Service Credit Cap.

3. Critical Service Level Failure

On the occurrence of a Critical Service Level Failure:

- 3.1 any Service Credits that would otherwise have accrued during the relevant Service Period shall not accrue; and
- 3.2 the Buyer shall (subject to the Service Credit Cap) be entitled to withhold and retain as compensation a sum equal to any Charges which would otherwise have been due to the Supplier in respect of that Service Period ("**Compensation for Critical Service Level Failure**"),

provided that the operation of this Paragraph 3 shall be without prejudice to the right of the Buyer to terminate this Contract and/or to claim damages from the Supplier for Material Default.

Part A: Service Levels and Service Credits

1. Service Levels

If the level of performance of the Supplier:

1.1 is likely to or fails to meet any Service Level Performance Measure; or

1.2 is likely to cause or causes a Critical Service Level Failure to occur,

the Supplier shall immediately notify the Buyer in writing and the Buyer, in its absolute discretion and without limiting any other of its rights, may:

1.2.1 require the Supplier to immediately take all remedial action that is reasonable to mitigate the impact on the Buyer and to rectify or prevent a Service Level Failure or Critical Service Level Failure from taking place or recurring;

1.2.2 instruct the Supplier to comply with the Rectification Plan Process;

1.2.3 if a Service Level Failure has occurred, deduct the applicable Service Credits payable by the Supplier to the Buyer; and/or

1.2.4 if a Critical Service Level Failure has occurred, exercise its right to Compensation for Critical Service Level Failure (including the right to terminate for Material Default and the consequences of termination in Clause 14.5.1 shall apply).

2. Service Credits

Not applicable

Annex A to Part A: Service Levels and Service Credits Table

Service Level Performance Criterion	Key Indicators	Description	Service Level Threshold
Deliverables timeliness (monthly)	Delivered to agreed timescales	The output of each commission was delivered in the agreed timeframe as outlined in the Task Order	95%
Supplier Internal quality assurance (monthly)	Delivered in line with quality assurance methodology	The output of a commission was subjected to the internal quality controls as outlined in the Task Order	95%
Management Information (MI) is provided at monthly intervals and a minimum of 2 working days before any scheduled call-off contract management meeting.	Delivered to agreed timescales	Confirmation of receipt and time of receipt by DESNZ	100%
Quality Score (monthly)	Accepted by the department as meeting acceptable quality standards	The output of a commission was signed off by the relevant Policy lead as having been produced to satisfactory quality and met the objective set out in the Task Order	100%

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Invoice timeliness (monthly)	Delivered to agreed timescales	The invoice was provided with the agreed timeframe stipulated in the Task Order	100%
Invoice Accuracy (monthly)	Delivered to acceptable standard	The invoice provided accurate information and was in accordance with the Task Order	100%

Part B: Performance Monitoring

1. Performance Monitoring and Performance Review

- 1.1 Within twenty (20) Working Days of the Effective Date the Supplier shall provide the Buyer with details of how the process in respect of the monitoring and reporting of Service Levels will operate between the Parties and the Parties will endeavour to agree such process as soon as reasonably possible.
- 1.2 The Supplier shall provide the Buyer with performance monitoring reports ("**Performance Monitoring Reports**") in accordance with the process and timescales agreed pursuant to Paragraph 1.1 of Part B of this Schedule which shall contain, as a minimum, the following information in respect of the relevant Service Period just ended:
 - 1.2.1 for each Service Level, the actual performance achieved over the Service Level for the relevant Service Period;
 - 1.2.2 a summary of all failures to achieve Service Levels that occurred during that Service Period;
 - 1.2.3 details of any Critical Service Level Failures;
 - 1.2.4 for any repeat failures, actions taken to resolve the underlying cause and prevent recurrence;
 - 1.2.5 the Service Credits to be applied in respect of the relevant period indicating the failures and Service Levels to which the Service Credits relate; and
 - 1.2.6 such other details as the Buyer may reasonably require from time to time.
- 1.3 The Parties shall attend meetings to discuss Performance Monitoring Reports ("**Performance Review Meetings**") on a Monthly basis. The Performance Review Meetings will be the forum for the review by the Supplier and the Buyer of the Performance Monitoring Reports. The Performance Review Meetings shall:
 - 1.3.1 take place within one (1) week of the Performance Monitoring Reports being issued by the Supplier at such location and time (within normal business hours) as the Buyer shall reasonably require;
 - 1.3.2 be attended by the Supplier's Representative and the Buyer's Representative; and
 - 1.3.3 be fully minuted by the Supplier and the minutes will be circulated by the Supplier to all attendees at the relevant meeting and also to the Buyer's Representative and any other recipients agreed at the relevant meeting.
- 1.4 The minutes of the preceding Month's Performance Review Meeting will be agreed and signed by both the Supplier's Representative and the Buyer's Representative at each meeting.

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- 1.5 The Supplier shall provide to the Buyer such documentation as the Buyer may reasonably require in order to verify the level of the performance by the Supplier and the calculations of the amount of Service Credits for any specified Service Period.

2. Satisfaction Surveys

The Buyer may undertake satisfaction surveys in respect of the Supplier's provision of the Deliverables. The Buyer shall be entitled to notify the Supplier of any aspects of their performance of the provision of the Deliverables which the responses to the Satisfaction Surveys reasonably suggest are not in accordance with this Contract.

Schedule 11 (Continuous Improvement)

1. Supplier's Obligations

- 1.1 The Supplier must, throughout the Contract Period, identify new or potential improvements to the provision of the Deliverables with a view to reducing the Buyer's costs (including the Charges) and/or improving the quality and efficiency of the Deliverables and their supply to the Buyer.
- 1.2 The Supplier must adopt a policy of continuous improvement in relation to the Deliverables, which must include regular reviews with the Buyer of the Deliverables and the way it provides them, with a view to reducing the Buyer's costs (including the Charges) and/or improving the quality and efficiency of the Deliverables. The Supplier and the Buyer must provide each other with any information relevant to meeting this objective.
- 1.3 In addition to Paragraph 1.1, the Supplier shall produce at the start of each Contract Year a plan for improving the provision of Deliverables and/or reducing the Charges (without adversely affecting the performance of this Contract) during that Contract Year ("**Continuous Improvement Plan**") for the Buyer's Approval. The Continuous Improvement Plan must include, as a minimum, proposals:
 - 1.3.1 identifying the emergence of relevant new and evolving technologies;
 - 1.3.2 changes in business processes of the Supplier or the Buyer and ways of working that would provide cost savings and/or enhanced benefits to the Buyer (such as methods of interaction, supply chain efficiencies, reduction in energy consumption and methods of sale);
 - 1.3.3 new or potential improvements to the provision of the Deliverables including the quality, responsiveness, procedures, benchmarking methods, likely performance mechanisms and customer support services in relation to the Deliverables; and
 - 1.3.4 measuring and reducing the sustainability impacts of the Supplier's operations and supply-chains relating to the Deliverables, and identifying opportunities to assist the Buyer in meeting their sustainability objectives.
- 1.4 The initial Continuous Improvement Plan for the first (1st) Contract Year shall be submitted by the Supplier to the Buyer for Approval within six (6) Months following the Effective Date.
- 1.5 The Buyer shall notify the Supplier of its Approval or rejection of the proposed Continuous Improvement Plan or any updates to it within twenty (20) Working Days of receipt. If it is rejected then the Supplier shall, within ten (10) Working Days of receipt of notice of rejection, submit a revised Continuous Improvement Plan reflecting the changes required. Once Approved, it becomes the Continuous Improvement Plan for the purposes of this Contract.

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- 1.6 The Supplier must provide sufficient information with each suggested improvement to enable a decision on whether to implement it. The Supplier shall provide any further information as requested.
- 1.7 If the Buyer wishes to incorporate any improvement into this Contract, it must request a Variation in accordance with the Variation Procedure and the Supplier must implement such Variation at no additional cost to the Buyer.
- 1.8 Once the first Continuous Improvement Plan has been Approved in accordance with Paragraph 1.5:
 - 1.8.1 the Supplier shall use all reasonable endeavours to implement any agreed deliverables in accordance with the Continuous Improvement Plan; and
 - 1.8.2 the Parties agree to meet as soon as reasonably possible following the start of each quarter (or as otherwise agreed between the Parties) to review the Supplier's progress against the Continuous Improvement Plan.
- 1.9 The Supplier shall update the Continuous Improvement Plan as and when required but at least once every Contract Year (after the first (1st) Contract Year) in accordance with the procedure and timescales set out in Paragraph 1.3.
- 1.10 All costs relating to the compilation or updating of the Continuous Improvement Plan and the costs arising from any improvement made pursuant to it and the costs of implementing any improvement, shall have no effect on and are included in the Charges.
- 1.11 Should the Supplier's costs in providing the Deliverables to the Buyer be reduced as a result of any changes implemented, all of the cost savings shall be passed on to the Buyer by way of a consequential and immediate reduction in the Charges for the Deliverables.
- 1.12 At any time during the Contract Period of this Contract, the Supplier may make a proposal for gainshare. If the Buyer deems gainshare to be applicable then the Supplier shall update the Continuous Improvement Plan so as to include details of the way in which the proposal shall be implemented in accordance with an agreed gainshare ratio.

Schedule 13 (Contract Management)

1. Definitions

In this Schedule, the following words shall have the following meanings and they shall supplement Schedule 1 (Definitions):

"Operational Board"	the board established in accordance with Paragraph 4.1 of this Schedule;
"Project Manager"	the manager appointed in accordance with Paragraph 2.1 of this Schedule;

2. Project Management

- 2.1 The Supplier and the Buyer shall each appoint a Project Manager for the purposes of this Contract through whom the provision of the Services and the Deliverables shall be managed day-to-day.
- 2.2 The Parties shall ensure that appropriate resource is made available on a regular basis such that the aims, objectives and specific provisions of this Contract can be fully realised.
- 2.3 Without prejudice to Paragraph 4 below, the Parties agree to operate the boards specified as set out in the Annex to this Schedule.

3. Role of the Supplier Project Manager

- 3.1 The Supplier Project Manager shall be:
 - 3.1.1 the primary point of contact to receive communication from the Buyer and will also be the person primarily responsible for providing information to the Buyer;
 - 3.1.2 able to delegate his position to another person at the Supplier but must inform the Buyer before proceeding with the delegation and it will be delegated person's responsibility to fulfil the Project Manager's responsibilities and obligations;
 - 3.1.3 able to cancel any delegation and recommence the position himself; and
 - 3.1.4 replaced only after the Buyer has received notification of the proposed change.
- 3.2 The Buyer may provide revised instructions to the Supplier's Project Manager in regards to this Contract and it will be the Supplier Project Manager's responsibility to ensure the information is provided to the Supplier and the actions implemented.
- 3.3 Receipt of communication from the Supplier Project Manager by the Buyer does not absolve the Supplier from its responsibilities, obligations or liabilities under this Contract.

4. Role of The Operational Board

- 4.1 The Operational Board shall be established by the Buyer for the purposes of this Contract on which the Supplier and the Buyer shall be represented.
- 4.2 The Operational Board members, frequency and location of board meetings and planned start date by which the board shall be established are set out in Annex to the Schedule.
- 4.3 In the event that either Party wishes to replace any of its appointed board members, that Party shall notify the other in writing for approval by the other Party (such approval not to be unreasonably withheld or delayed). Each Buyer board member shall have at all times a counterpart Supplier board member of equivalent seniority and expertise.
- 4.4 Each Party shall ensure that its board members shall make all reasonable efforts to attend board meetings at which that board member's attendance is required. If any board member is not able to attend a board meeting, that person shall use all reasonable endeavours to ensure that a delegate attends the Operational Board meeting in his/her place (wherever possible) and that the delegate is properly briefed and prepared and that he/she is debriefed by such delegate after the board meeting.
- 4.5 The purpose of the Operational Board meetings will be to review the Supplier's performance under this Contract. The agenda for each meeting shall be set by the Buyer and communicated to the Supplier in advance of that meeting.

5. Contract Risk Management

- 5.1 Both Parties shall pro-actively manage risks attributed to them under the terms of this Contract.
- 5.2 The Supplier shall develop, operate, maintain and amend, as agreed with the Buyer, processes for:
 - 5.2.1 the identification and management of risks;
 - 5.2.2 the identification and management of issues; and
 - 5.2.3 monitoring and controlling project plans.
- 5.3 The Supplier allows the Buyer to inspect at any time within working hours the accounts and records which the Supplier is required to keep.
- 5.4 The Supplier will maintain a risk register of the risks relating to this Contract which the Buyer and the Supplier have identified.

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Annex: Operational Boards

The Parties agree to operate the following boards at the locations and at the frequencies set out below:

As agreed by the Parties

Schedule 14 (Business Continuity and Disaster Recovery)

1. Definitions

- 1.1 In this Schedule, the following words shall have the following meanings and they shall supplement Schedule 1 (Definitions):

"BCDR Plan"	has the meaning given to it in Paragraph 2.1 of this Schedule;
"Business Continuity Plan"	has the meaning given to it in Paragraph 2.2.2 of this Schedule;
"Disaster Recovery Plan"	has the meaning given to it in Paragraph 2.2.3 of this Schedule;
"Related Supplier"	any person who provides Deliverables to the Buyer which are related to the Deliverables from time to time;
"Review Report"	has the meaning given to it in Paragraph 6.3 of this Schedule; and
"Supplier's Proposals"	has the meaning given to it in Paragraph 6.3 of this Schedule,

2. BCDR Plan

- 2.1 At least forty (40) Working Days after the Effective Date the Supplier shall prepare and deliver to the Buyer for the Buyer's written approval a plan (a **"BCDR Plan"**), which shall detail the processes and arrangements that the Supplier shall follow to:
- 2.1.1 ensure continuity of the business processes and operations supported by the Services following any failure or disruption of any element of the Deliverables; and
 - 2.1.2 the recovery of the Deliverables in the event of a Disaster.
- 2.2 The BCDR Plan shall be divided into three sections:
- 2.2.1 Section 1 which shall set out general principles applicable to the BCDR Plan;
 - 2.2.2 Section 2 which shall relate to business continuity (the **"Business Continuity Plan"**); and
 - 2.2.3 Section 3 which shall relate to disaster recovery (the **"Disaster Recovery Plan"**).
- 2.3 Following receipt of the draft BCDR Plan from the Supplier, the Parties shall use reasonable endeavours to agree the contents of the BCDR Plan. If the Parties are unable to agree the contents of the BCDR Plan within twenty (20) Working Days of its submission, then such Dispute shall be resolved in accordance with the Dispute Resolution Procedure.

3. General Principles of the BCDR Plan (Section 1)

3.1 Section 1 of the BCDR Plan shall:

- 3.1.1 set out how the business continuity and disaster recovery elements of the BCDR Plan link to each other;
- 3.1.2 provide details of how the invocation of any element of the BCDR Plan may impact upon the provision of the Deliverables and any goods and/or services provided to the Buyer by a Related Supplier;
- 3.1.3 contain an obligation upon the Supplier to liaise with the Buyer and any Related Suppliers with respect to business continuity and disaster recovery;
- 3.1.4 detail how the BCDR Plan interoperates with any overarching disaster recovery or business continuity plan of the Buyer and any of its other Related Supplier in each case as notified to the Supplier by the Buyer from time to time;
- 3.1.5 contain a communication strategy including details of an incident and problem management service and advice and help desk facility which can be accessed via multiple channels;
- 3.1.6 contain a risk analysis, including:
 - (a) failure or disruption scenarios and assessments of likely frequency of occurrence;
 - (b) identification of any single points of failure within the provision of Deliverables and processes for managing those risks;
 - (c) identification of risks arising from an Insolvency Event of the Supplier, any Key Subcontractors and/or Supplier Group member;
 - (d) identification of risks arising from the interaction of the provision of Deliverables with the goods and/or services provided by a Related Supplier; and
 - (e) a business impact analysis of different anticipated failures or disruptions;
- 3.1.7 provide for documentation of processes, including business processes, and procedures;
- 3.1.8 set out key contact details for the Supplier (and any Subcontractors) and for the Buyer;
- 3.1.9 identify the procedures for reverting to "normal service";
- 3.1.10 set out method(s) of recovering or updating data collected (or which ought to have been collected) during a failure or disruption to minimise data loss;
- 3.1.11 identify the responsibilities (if any) that the Buyer has agreed it will assume in the event of the invocation of the BCDR Plan; and

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- 3.1.12 provide for the provision of technical assistance to key contacts at the Buyer as required by the Buyer to inform decisions in support of the Buyer's business continuity plans.
- 3.2 The BCDR Plan shall be designed so as to ensure that:
 - 3.2.1 the Deliverables are provided in accordance with this Contract at all times during and after the invocation of the BCDR Plan;
 - 3.2.2 the adverse impact of any Disaster is minimised as far as reasonably possible;
 - 3.2.3 it complies with the relevant provisions of ISO/IEC 27002; ISO22301/ISO22313 and all other industry standards from time to time in force; and
 - 3.2.4 it details a process for the management of disaster recovery testing.
- 3.3 The BCDR Plan shall be upgradeable and sufficiently flexible to support any changes to the Deliverables and the business operations supported by the provision of Deliverables.
- 3.4 The Supplier shall not be entitled to any relief from its obligations under the Service Levels, or to any increase in the Charges to the extent that a Disaster occurs as a consequence of any Default by the Supplier of this Contract.

4. Business Continuity (Section 2)

- 4.1 The Business Continuity Plan shall set out the arrangements that are to be invoked to ensure that the business processes facilitated by the provision of Deliverables remain supported and to ensure continuity of the business operations supported by the Services including:
 - 4.1.1 the alternative processes, options and responsibilities that may be adopted in the event of a failure in or disruption to the provision of Deliverables; and
 - 4.1.2 the steps to be taken by the Supplier upon resumption of the provision of Deliverables in order to address the effect of the failure or disruption.
- 4.2 The Business Continuity Plan shall:
 - 4.2.1 address the various possible levels of failures of or disruptions to the provision of Deliverables;
 - 4.2.2 set out the goods and/or services to be provided and the steps to be taken to remedy the different levels of failures of and disruption to the Deliverables;
 - 4.2.3 specify any applicable Service Levels with respect to the provision of the Business Continuity Services and details of any agreed relaxation to the Service Levels in respect of the provision of other Deliverables during any period of invocation of the Business Continuity Plan; and
 - 4.2.4 set out the circumstances in which the Business Continuity Plan is invoked.

5. Disaster Recovery (Section 3)

- 5.1 The Disaster Recovery Plan (which shall be invoked only upon the occurrence of a Disaster) shall be designed to ensure that upon the occurrence of a Disaster the Supplier ensures continuity of the business operations of the Buyer supported by the Services following any Disaster or during any period of service failure or disruption with, as far as reasonably possible, minimal adverse impact.
- 5.2 The Supplier's BCDR Plan shall include an approach to business continuity and disaster recovery that addresses the following:
 - 5.2.1 loss of access to the Buyer Premises;
 - 5.2.2 loss of utilities to the Buyer Premises;
 - 5.2.3 loss of the Supplier's helpdesk or CAFM system;
 - 5.2.4 loss of a Subcontractor;
 - 5.2.5 emergency notification and escalation process;
 - 5.2.6 contact lists;
 - 5.2.7 staff training and awareness;
 - 5.2.8 BCDR Plan testing;
 - 5.2.9 post implementation review process;
 - 5.2.10 any applicable Service Levels with respect to the provision of the disaster recovery services and details of any agreed relaxation to the Service Levels in respect of the provision of other Deliverables during any period of invocation of the Disaster Recovery Plan;
 - 5.2.11 details of how the Supplier shall ensure compliance with security standards ensuring that compliance is maintained for any period during which the Disaster Recovery Plan is invoked;
 - 5.2.12 access controls to any disaster recovery sites used by the Supplier in relation to its obligations pursuant to this Schedule; and
 - 5.2.13 testing and management arrangements.

6. Review and changing the BCDR Plan

- 6.1 The Supplier shall review the BCDR Plan:
 - 6.1.1 on a regular basis and as a minimum once every six (6) Months;
 - 6.1.2 within three (3) calendar Months of the BCDR Plan (or any part) having been invoked pursuant to Paragraph 7; and
 - 6.1.3 where the Buyer requests in writing any additional reviews (over and above those provided for in Paragraphs 6.1.1 and 6.1.2 of this Schedule) whereupon the Supplier shall conduct such reviews in accordance with the Buyer's written requirements. Prior to starting its review, the Supplier shall provide an accurate written estimate of the total costs payable by the Buyer for the Buyer's approval. The costs of both Parties of any such additional reviews shall be met by the Buyer except that the Supplier shall not be entitled to charge the

Buyer for any costs that it may incur above any estimate without the Buyer's prior written approval.

- 6.2 Each review of the BCDR Plan pursuant to Paragraph 6.1 shall assess its suitability having regard to any change to the Deliverables or any underlying business processes and operations facilitated by or supported by the Services which have taken place since the later of the original approval of the BCDR Plan or the last review of the BCDR Plan, and shall also have regard to any occurrence of any event since that date (or the likelihood of any such event taking place in the foreseeable future) which may increase the likelihood of the need to invoke the BCDR Plan. The review shall be completed by the Supplier within such period as the Buyer shall reasonably require.
- 6.3 The Supplier shall, within twenty (20) Working Days of the conclusion of each such review of the BCDR Plan, provide to the Buyer a report (a **"Review Report"**) setting out the Supplier's proposals (the **"Supplier's Proposals"**) for addressing any changes in the risk profile and its proposals for amendments to the BCDR Plan.
- 6.4 Following receipt of the Review Report and the Supplier's Proposals, the Parties shall use reasonable endeavours to agree the Review Report and the Supplier's Proposals. If the Parties are unable to agree Review Report and the Supplier's Proposals within twenty (20) Working Days of its submission, then such Dispute shall be resolved in accordance with the Dispute Resolution Procedure.
- 6.5 The Supplier shall as soon as is reasonably practicable after receiving the approval of the Supplier's Proposals effect any change in its practices or procedures necessary so as to give effect to the Supplier's Proposals. Any such change shall be at the Supplier's expense unless it can be reasonably shown that the changes are required because of a material change to the risk profile of the Deliverables.

7. Testing the BCDR Plan

- 7.1 The Supplier shall test the BCDR Plan:
 - 7.1.1 regularly and in any event not less than once in every Contract Year;
 - 7.1.2 in the event of any major reconfiguration of the Deliverables;
 - 7.1.3 at any time where the Buyer considers it necessary (acting in its sole discretion).
- 7.2 If the Buyer requires an additional test of the BCDR Plan, it shall give the Supplier written notice and the Supplier shall conduct the test in accordance with the Buyer's requirements and the relevant provisions of the BCDR Plan. The Supplier's costs of the additional test shall be borne by the Buyer unless the BCDR Plan fails the additional test in which case the Supplier's costs of that failed test shall be borne by the Supplier.
- 7.3 The Supplier shall undertake and manage testing of the BCDR Plan in full consultation with and under the supervision of the Buyer and shall liaise with

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the Buyer in respect of the planning, performance, and review, of each test, and shall comply with the reasonable requirements of the Buyer.

- 7.4 The Supplier shall ensure that any use by it or any Subcontractor of "live" data in such testing is first approved with the Buyer. Copies of live test data used in any such testing shall be (if so required by the Buyer) destroyed or returned to the Buyer on completion of the test.
- 7.5 The Supplier shall, within twenty (20) Working Days of the conclusion of each test, provide to the Buyer a report setting out:
 - 7.5.1 the outcome of the test;
 - 7.5.2 any failures in the BCDR Plan (including the BCDR Plan's procedures) revealed by the test; and
 - 7.5.3 the Supplier's proposals for remedying any such failures.
- 7.6 Following each test, the Supplier shall take all measures requested by the Buyer to remedy any failures in the BCDR Plan and such remedial activity and re-testing shall be completed by the Supplier, at its own cost, by the date reasonably required by the Buyer.

8. Invoking the BCDR Plan

In the event of a complete loss of service or in the event of a Disaster, the Supplier shall immediately invoke the BCDR Plan (and shall inform the Buyer promptly of such invocation). In all other instances the Supplier shall invoke or test the BCDR Plan only with the prior consent of the Buyer.

9. Circumstances beyond your control

The Supplier shall not be entitled to relief under Clause 24 (Circumstances beyond your control) if it would not have been impacted by the Force Majeure Event had it not failed to comply with its obligations under this Schedule.

Schedule 16 (Security)

Part A: Short Form Security Requirements

1. Definitions

- 1.1 In this Schedule, the following words shall have the following meanings and they shall supplement Schedule 1 (Definitions):

"Breach of Security"

the occurrence of:

- (a) any unauthorised access to or use of the Deliverables, the Sites and/or any Information and Communication Technology ("ICT"), information or data (including the Confidential Information and the Government Data) used by the Buyer and/or the Supplier in connection with this Contract; and/or
- (b) the loss and/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 and/or the Supplier in connection with this Contract,

in either case as more particularly set out in the Security Policy where the Buyer has required compliance there with in accordance with Paragraph 2.1; and

"Security Management Plan"

the Supplier's security management plan prepared pursuant to this Schedule, a draft of which has been provided by the Supplier to the Buyer and as updated from time to time.

2. Complying with security requirements and updates to them

- 2.1 The Supplier shall comply with the requirements in this Schedule in respect of the Security Management Plan. Where specified by a Buyer it shall also comply with the Security Policy and ICT Policy and shall ensure that the Security Management Plan produced by the Supplier fully complies with the Security Policy and ICT Policy.
- 2.2 Where the Security Policy applies the Buyer shall notify the Supplier of any changes or proposed changes to the Security Policy.
- 2.3 If the Supplier believes that a change or proposed change to the Security Policy will have a material and unavoidable cost implication to the provision of the Deliverables it may propose a Variation to the Buyer. In doing so, the Supplier must support its request by providing evidence of the cause of any

increased costs and the steps that it has taken to mitigate those costs. Any change to the Charges shall be subject to the Variation Procedure.

- 2.4 Until and/or unless a change to the Charges is agreed by the Buyer pursuant to the Variation Procedure the Supplier shall continue to provide the Deliverables in accordance with its existing obligations.

3. Security Standards

- 3.1 The Supplier acknowledges that the Buyer places great emphasis on the reliability of the performance of the Deliverables, confidentiality, integrity and availability of information and consequently on security.
- 3.2 The Supplier shall be responsible for the effective performance of its security obligations and shall at all times provide a level of security for its own system and any cloud services used which:
- 3.2.1 is in accordance with the Law and this Contract;
 - 3.2.2 as a minimum demonstrates Good Industry Practice;
 - 3.2.3 meets any specific security threats of immediate relevance to the Deliverables and/or the Government Data;
 - 3.2.4 where specified by the Buyer in accordance with Paragraph 2.1 complies with the Security Policy and the ICT Policy; and
 - 3.2.5 complies with the 14 Cloud Security Principles available at: <https://www.ncsc.gov.uk/collection/cloud/the-cloud-security-principles>. The Supplier must document how it and any cloud service providers they use comply with these principles, and provide this documentation upon request by the Buyer.
- 3.3 The references to standards, guidance and policies contained or set out in Paragraph 3.2 shall be deemed to be references to such items as developed and updated and to any successor to or replacement for such standards, guidance and policies, as notified to the Supplier from time to time.
- 3.4 In the event of any inconsistency in the provisions of the above standards, guidance and policies, the Supplier should notify the Buyer's Representative of such inconsistency immediately upon becoming aware of the same, and the Buyer's Representative shall, as soon as practicable, advise the Supplier which provision the Supplier shall be required to comply with.

4. Security Management Plan

4.1 Introduction

The Supplier shall develop and maintain a Security Management Plan in accordance with this Schedule. The Supplier shall thereafter comply with its obligations set out in the Security Management Plan.

4.2 Content of the Security Management Plan

The Security Management Plan shall:

- 4.2.1 comply with the principles of security set out in Paragraph 3 and any other provisions of this Contract relevant to security;

- 4.2.2 identify the necessary delegated organisational roles for those responsible for ensuring it is complied with by the Supplier;
 - 4.2.3 detail the process for managing any security risks from Subcontractors and third parties authorised by the Buyer with access to the Deliverables, processes associated with the provision of the Deliverables, the Buyer Premises, the Sites and any ICT, information and data (including the Buyer's Confidential Information and the Government Data) and any system that could directly or indirectly have an impact on that information, data and/or the Deliverables;
 - 4.2.4 be developed to protect all aspects of the Deliverables and all processes associated with the provision of the Deliverables, including the Buyer Premises, the Sites, and any ICT, information and data (including the Buyer's Confidential Information and the Government Data) to the extent used by the Buyer or the Supplier in connection with this Contract or in connection with any system that could directly or indirectly have an impact on that information, data and/or the Deliverables;
 - 4.2.5 set out the security measures to be implemented and maintained by the Supplier in relation to all aspects of the Deliverables and all processes associated with the provision of the Goods and/or Services and shall at all times comply with and specify security measures and procedures which are sufficient to ensure that the Deliverables comply with the provisions of this Contract;
 - 4.2.6 set out the plans for transitioning all security arrangements and responsibilities for the Supplier to meet the full obligations of the security requirements set out in this Contract and, where necessary in accordance with the Security Policy as set out in Paragraph 2.1; and
 - 4.2.7 be written in plain English in language which is readily comprehensible to the staff of the Supplier and the Buyer engaged in the provision of the Deliverables and shall only reference documents which are in the possession of the Parties or whose location is otherwise specified in this Schedule.
- 4.3 Development of the Security Management Plan**
- 4.3.1 Within twenty (20) Working Days after the Effective Date and in accordance with Paragraph 4.4, the Supplier shall prepare and deliver to the Buyer for Approval a fully complete and up to date Security Management Plan which will be based on the draft Security Management Plan.
 - 4.3.2 If the Security Management Plan submitted to the Buyer in accordance with Paragraph 4.3.1, or any subsequent revision to it in accordance with Paragraph 4.4, is Approved it will be adopted immediately and will replace the previous version of the Security Management Plan and thereafter operated and maintained in accordance with this Schedule. If the Security Management Plan is not Approved, the Supplier shall amend it within ten (10) Working

Days of a notice of non-approval from the Buyer and re-submit to the Buyer for Approval. The Parties will use all reasonable endeavours to ensure that the approval process takes as little time as possible and in any event no longer than fifteen (15) Working Days from the date of its first submission to the Buyer. If the Buyer does not approve the Security Management Plan following its resubmission, the matter will be resolved in accordance with the Dispute Resolution Procedure.

4.3.3 The Buyer shall not unreasonably withhold or delay its decision to Approve or not the Security Management Plan pursuant to Paragraph 4.3.2. However, a refusal by the Buyer to Approve the Security Management Plan on the grounds that it does not comply with the requirements set out in Paragraph 4.2 shall be deemed to be reasonable.

4.3.4 Approval by the Buyer of the Security Management Plan pursuant to Paragraph 4.3.3 or of any change to the Security Management Plan in accordance with Paragraph 4.4 shall not relieve the Supplier of its obligations under this Schedule.

4.4 Amendment of the Security Management Plan

4.4.1 The Security Management Plan shall be fully reviewed and updated by the Supplier at least annually to reflect:

- (a) emerging changes in Good Industry Practice;
- (b) any change or proposed change to the Deliverables and/or associated processes;
- (c) where necessary in accordance with Paragraph 2.2, any change to the Security Policy;
- (d) any new perceived or changed security threats; and
- (e) any reasonable change in requirements requested by the Buyer.

4.4.2 The Supplier shall provide the Buyer with the results of such reviews as soon as reasonably practicable after their completion and amendment of the Security Management Plan at no additional cost to the Buyer. The results of the review shall include:

- (a) suggested improvements to the effectiveness of the Security Management Plan;
- (b) updates to the risk assessments; and
- (c) suggested improvements in measuring the effectiveness of controls.

4.4.3 Subject to Paragraph 4.4.4, any change or amendment which the Supplier proposes to make to the Security Management Plan (as a result of a review carried out in accordance with Paragraph 4.4.1, a request by the Buyer or otherwise) shall be subject to the Variation Procedure.

- 4.4.4 The Buyer may, acting reasonably, Approve and require changes or amendments to the Security Management Plan to be implemented on timescales faster than set out in the Variation Procedure but, without prejudice to their effectiveness, all such changes and amendments shall thereafter be subject to the Variation Procedure for the purposes of formalising and documenting the relevant change or amendment.

5. Security breach

- 5.1 Either Party shall notify the other in accordance with the agreed security incident management process (as detailed in the Security Management Plan) upon becoming aware of any Breach of Security or any potential or attempted Breach of Security.
- 5.2 Without prejudice to the security incident management process, upon becoming aware of any of the circumstances referred to in Paragraph 5.1, the Supplier shall:
- 5.2.1 immediately use all reasonable endeavours (which shall include any action or changes reasonably required by the Buyer) necessary to:
- (a) minimise the extent of actual or potential harm caused by any Breach of Security;
 - (b) remedy such Breach of Security to the extent possible and protect the integrity of the Buyer and the provision of the Goods and/or Services to the extent within its control against any such Breach of Security or attempted Breach of Security;
 - (c) prevent an equivalent breach in the future exploiting the same cause failure; and
 - (d) as soon as reasonably practicable provide to the Buyer, where the Buyer so requests, full details (using the reporting mechanism defined by the Security Management Plan) of the Breach of Security or attempted Breach of Security, including a cause analysis where required by the Buyer.
- 5.3 In the event that any action is taken in response to a Breach of Security or potential or attempted Breach of Security that demonstrates non-compliance of the Security Management Plan with the Security Policy (where relevant in accordance with Paragraph 2.1) or the requirements of this Schedule, then any required change to the Security Management Plan shall be at no cost to the Buyer.

Schedule 20 (Processing Data)

1. Status of the Controller

- 1.1 The Parties acknowledge that for the purposes of the Data Protection Legislation, the nature of the activity carried out by each of them in relation to their respective obligations under a Contract dictates the status of each party under the DPA 2018. A Party may act as:
- 1.1.1 "Controller" in respect of the other Party who is "Processor";
 - 1.1.2 "Processor" in respect of the other Party who is "Controller";
 - 1.1.3 "Joint Controller" with the other Party;
 - 1.1.4 "Independent Controller" of the Personal Data where the other Party is also "Controller",
- in respect of certain Personal Data under a Contract and shall specify in Annex 1 (Processing Personal Data) which scenario they think shall apply in each situation.

2. Where one Party is Controller and the other Party its Processor

- 2.1 Where a Party is a Processor, the only Processing that it is authorised to do is listed in Annex 1 (Processing Personal Data) by the Controller and may not be determined by the Processor.
- 2.2 The Processor shall notify the Controller immediately if it considers that any of the Controller's instructions infringe the Data Protection Legislation.
- 2.3 The Processor shall provide all reasonable assistance to the Controller in the preparation of any Data Protection Impact Assessment prior to commencing any Processing. Such assistance may, at the discretion of the Controller, include:
- 2.3.1 a systematic description of the envisaged Processing and the purpose of the Processing;
 - 2.3.2 an assessment of the necessity and proportionality of the Processing in relation to the Services;
 - 2.3.3 an assessment of the risks to the rights and freedoms of Data Subjects; and
 - 2.3.4 the measures envisaged to address the risks, including safeguards, security measures and mechanisms to ensure the protection of Personal Data.
- 2.4 The Processor shall, in relation to any Personal Data Processed in connection with its obligations under this Contract:
- 2.4.1 process that Personal Data only in accordance with Annex 1 (Processing Personal Data) unless the Processor is required to do otherwise by Law. If it is so required the Processor shall promptly notify the Controller before Processing the Personal Data unless prohibited by Law;

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- 2.4.2 ensure that it has in place Protective Measures, including in the case of the Supplier the measures set out in Clause 18.4 of the Core Terms, which the Controller may reasonably reject (but failure to reject shall not amount to approval by the Controller of the adequacy of the Protective Measures) having taken account of the:
- (a) nature of the data to be protected;
 - (b) harm that might result from a Data Loss Event;
 - (c) state of technological development; and
 - (d) cost of implementing any measures.
- 2.4.3 ensure that:
- (a) the Processor Personnel do not Process Personal Data except in accordance with this Contract (and in particular Annex 1 (Processing Personal Data));
 - (b) it uses best endeavours to ensure the reliability and integrity of any Processor Personnel who have access to the Personal Data and ensure that they:
 - (i) are aware of and comply with the Processor's duties under this Schedule 20, Clauses 18 (Data protection), 19 (What you must keep confidential) and 20 (When you can share information);
 - (ii) are subject to appropriate confidentiality undertakings with the Processor or any Subprocessor;
 - (iii) are informed of the confidential nature of the Personal Data and do not publish, disclose or divulge any of the Personal Data to any third party unless directed in writing to do so by the Controller or as otherwise permitted by this Contract; and
 - (iv) have undergone adequate training in the use, care, protection and handling of Personal Data;
- 2.4.4 not transfer Personal Data outside of the UK and/or the EEA unless the prior written consent of the Controller has been obtained and the following conditions are fulfilled:
- (a) the destination country has been recognised as adequate by the UK government in accordance with Article 45 of the UK GDPR (or section 74A of DPA 2018) and/or the transfer is in accordance with Article 45 of the EU GDPR (where applicable); or
 - (b) the Controller and/or the Processor have provided appropriate safeguards in relation to the transfer (whether in accordance with UK GDPR Article 46 or section 75 of the DPA 2018) and/or Article 46 of the EU GDPR (where applicable) as determined by the Controller which could include relevant parties entering into:

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- (i) where the transfer is subject to UK GDPR:
 - (A) the International Data Transfer Agreement issued by the Information Commissioner under S119A(1) of the DPA 2018 (the "**IDTA**"); or
 - (B) the European Commission's Standard Contractual Clauses per decision 2021/914/EU or such updated version of such Standard Contractual Clauses as are published by the European Commission from time to time ("**EU SCCs**") together with the UK International Data Transfer Agreement Addendum to the EU SCCs (the "**Addendum**"), as published by the Information Commissioner's Office from time to time under section 119A(1) of the DPA 2018; and/or
 - (ii) where the transfer is subject to EU GDPR, the EU SCCs,
as well as any additional measures determined by the Controller being implemented by the importing party;
 - (c) the Data Subject has enforceable rights and effective legal remedies;
 - (d) the Processor complies with its obligations under the Data Protection Legislation by providing an adequate level of protection to any Personal Data that is transferred (or, if it is not so bound, uses its best endeavours to assist the Controller in meeting its obligations); and
 - (e) the Processor complies with any reasonable instructions notified to it in advance by the Controller with respect to the Processing of the Personal Data.
- 2.4.5 at the written direction of the Controller, delete or return Personal Data (and any copies of it) to the Controller on termination of this Contract unless the Processor is required by Law to retain the Personal Data.
- 2.5 Subject to Paragraph 2.6 of this Schedule 20, the Processor shall notify the Controller immediately if in relation to it Processing Personal Data under or in connection with this Contract it:
- 2.5.1 receives a Data Subject Access Request (or purported Data Subject Access Request);
 - 2.5.2 receives a request to rectify, block or erase any Personal Data;
 - 2.5.3 receives any other request, complaint or communication relating to either Party's obligations under the Data Protection Legislation;

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- 2.5.4 receives any communication from the Information Commissioner or any other regulatory authority in connection with Personal Data Processed under this Contract;
 - 2.5.5 receives a request from any third Party for disclosure of Personal Data where compliance with such request is required or purported to be required by Law; or
 - 2.5.6 becomes aware of a Data Loss Event.
- 2.6 The Processor's obligation to notify under Paragraph 2.5 of this Schedule 20 shall include the provision of further information to the Controller, as details become available.
- 2.7 Taking into account the nature of the Processing, the Processor shall provide the Controller with assistance in relation to either Party's obligations under Data Protection Legislation and any complaint, communication or request made under Paragraph 2.5 of this Schedule 20 (and insofar as possible within the timescales reasonably required by the Controller) including by immediately providing:
- 2.7.1 the Controller with full details and copies of the complaint, communication or request;
 - 2.7.2 such assistance as is reasonably requested by the Controller to enable it to comply with a Data Subject Access Request within the relevant timescales set out in the Data Protection Legislation;
 - 2.7.3 the Controller, at its request, with any Personal Data it holds in relation to a Data Subject;
 - 2.7.4 assistance as requested by the Controller following any Data Loss Event; and/or
 - 2.7.5 assistance as requested by the Controller with respect to any request from the Information Commissioner's Office or any other regulatory authority, or any consultation by the Controller with the Information Commissioner's Office or any other regulatory authority.
- 2.8 The Processor shall maintain complete and accurate records and information to demonstrate its compliance with this Schedule 20. This requirement does not apply where the Processor employs fewer than two hundred and fifty (250) staff, unless:
- 2.8.1 the Controller determines that the Processing is not occasional;
 - 2.8.2 the Controller determines the Processing includes special categories of data as referred to in Article 9(1) of the UK GDPR or Personal Data relating to criminal convictions and offences referred to in Article 10 of the UK GDPR; or
 - 2.8.3 the Controller determines that the Processing is likely to result in a risk to the rights and freedoms of Data Subjects.
- 2.9 The Processor shall allow for audits of its Data Processing activity by the Controller or the Controller's designated auditor.
- 2.10 The Parties shall designate a Data Protection Officer if required by the Data Protection Legislation.

2.11 Before allowing any Subprocessor to Process any Personal Data related to this Contract, the Processor must:

- 2.11.1 notify the Controller in writing of the intended Subprocessor and Processing;
- 2.11.2 obtain the written consent of the Controller;
- 2.11.3 enter into a written agreement with the Subprocessor which gives effect to the terms set out in this Schedule 20 such that they apply to the Subprocessor; and
- 2.11.4 provide the Controller with such information regarding the Subprocessor as the Controller may reasonably require.

2.12 The Processor shall remain fully liable for all acts or omissions of any of its Subprocessors.

2.13 The Parties agree to take account of any guidance issued by the Information Commissioner's Office or any other regulatory authority. The Buyer may on not less than thirty (30) Working Days' notice to the Supplier amend this Contract to ensure that it complies with any guidance issued by the Information Commissioner's Office or any other regulatory authority.

3. Where the Parties are Joint Controllers of Personal Data

In the event that the Parties are Joint Controllers in respect of Personal Data under this Contract, the Parties shall implement Paragraphs that are necessary to comply with UK GDPR Article 26 based on the terms set out in Annex 2 (Joint Controller Agreement) to this Schedule 20 (Processing Data).

4. Independent Controllers of Personal Data

4.1 With respect to Personal Data provided by one Party to another Party for which each Party acts as Controller but which is not under the Joint Control of the Parties, each Party undertakes to comply with the applicable Data Protection Legislation in respect of their Processing of such Personal Data as Controller.

4.2 Each Party shall Process the Personal Data in compliance with its obligations under the Data Protection Legislation and not do anything to cause the other Party to be in breach of it.

4.3 Where a Party has provided Personal Data to the other Party in accordance with Paragraph 4.2 of this Schedule 20 above, the recipient of the Personal Data will provide all such relevant documents and information relating to its data protection policies and procedures as the other Party may reasonably require.

4.4 The Parties shall be responsible for their own compliance with Articles 13 and 14 UK GDPR in respect of the Processing of Personal Data for the purposes of this Contract.

4.5 The Parties shall only provide Personal Data to each other:

- 4.5.1 to the extent necessary to perform their respective obligations under this Contract;

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- 4.5.2 in compliance with the Data Protection Legislation (including by ensuring all required fair processing information has been given to affected Data Subjects);
- 4.5.3 where the provision of Personal Data from one Party to another involves transfer of such data to outside the UK and/or the EEA, if the prior written consent of the non-transferring Party has been obtained and the following conditions are fulfilled:
 - (a) the destination country has been recognised as adequate by the UK government in accordance with Article 45 of the UK GDPR or DPA 2018 Section 74A and/or Article 45 of the EU GDPR (where applicable); or
 - (b) the transferring Party has provided appropriate safeguards in relation to the transfer (whether in accordance with Article 46 of the UK GDPR or DPA 2018 Section 75 and/or Article 46 of the EU GDPR (where applicable)) as determined by the non-transferring Party which could include:
 - (i) where the transfer is subject to UK GDPR:
 - (A) the International Data Transfer Agreement (the "**IDTA**") ""as published by the Information Commissioner's Office or such updated version of such IDTA as is published by the Information Commissioner's Office under section 119A(1) of the DPA 2018 from time to time; or
 - (B) the European Commission's Standard Contractual Clauses per decision 2021/914/EU or such updated version of such Standard Contractual Clauses as are published by the European Commission from time to time (the "**EU SCCs**"), together with the UK International Data Transfer Agreement Addendum to the EU SCCs (the "**Addendum**") as published by the Information Commissioner's Office from time to time; and/or
 - (ii) where the transfer is subject to EU GDPR, the EU SCCs,

as well as any additional measures determined by the Controller being implemented by the importing party;
 - (c) the Data Subject has enforceable rights and effective legal remedies;
 - (d) the transferring Party complies with its obligations under the Data Protection Legislation by providing an adequate level of protection to any Personal Data that is transferred (or, if it is not so bound, uses its best endeavours to assist the non-transferring Party in meeting its obligations); and

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- (e) the transferring Party complies with any reasonable instructions notified to it in advance by the non-transferring Party with respect to the processing of the Personal Data; and
- 4.5.4 where it has recorded it in Annex 1 (Processing Personal Data).
- 4.6 Taking into account the state of the art, the costs of implementation and the nature, scope, context and purposes of Processing as well as the risk of varying likelihood and severity for the rights and freedoms of natural persons, each Party shall, with respect to its Processing of Personal Data as Independent Controller, implement and maintain appropriate technical and organisational measures to ensure a level of security appropriate to that risk, including, as appropriate, the measures referred to in Article 32(1)(a), (b), (c) and (d) of the UK GDPR, and the measures shall, at a minimum, comply with the requirements of the Data Protection Legislation, including Article 32 of the UK GDPR.
- 4.7 A Party Processing Personal Data for the purposes of this Contract shall maintain a record of its Processing activities in accordance with Article 30 UK GDPR and shall make the record available to the other Party upon reasonable request.
- 4.8 Where a Party receives a request by any Data Subject to exercise any of their rights under the Data Protection Legislation in relation to the Personal Data provided to it by the other Party pursuant to this Contract ("**Request Recipient**"):
 - 4.8.1 the other Party shall provide any information and/or assistance as reasonably requested by the Request Recipient to help it respond to the request or correspondence, at the cost of the Request Recipient; or
 - 4.8.2 where the request or correspondence is directed to the other Party and/or relates to that other Party's Processing of the Personal Data, the Request Recipient will:
 - (a) promptly, and in any event within five (5) Working Days of receipt of the request or correspondence, inform the other Party that it has received the same and shall forward such request or correspondence to the other Party; and
 - (b) provide any information and/or assistance as reasonably requested by the other Party to help it respond to the request or correspondence in the timeframes specified by Data Protection Legislation.
- 4.9 Each Party shall promptly notify the other Party upon it becoming aware of any Data Loss Event relating to Personal Data provided by the other Party pursuant to this Contract and shall:
 - 4.9.1 do all such things as reasonably necessary to assist the other Party in mitigating the effects of the Data Loss Event;
 - 4.9.2 implement any measures necessary to restore the security of any compromised Personal Data;

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- 4.9.3 work with the other Party to make any required notifications to the Information Commissioner's Office or any other regulatory authority and affected Data Subjects in accordance with the Data Protection Legislation (including the timeframes set out therein); and
- 4.9.4 not do anything which may damage the reputation of the other Party or that Party's relationship with the relevant Data Subjects, save as required by Law.
- 4.10 Personal Data provided by one Party to the other Party may be used exclusively to exercise rights and obligations under this Contract as specified in Annex 1 (Processing Personal Data).
- 4.11 Personal Data shall not be retained or processed for longer than is necessary to perform each Party's respective obligations under this Contract which is specified in Annex 1 (Processing Personal Data).
- 4.12 Notwithstanding the general application of Paragraphs 2.1 to 2.14 of this Schedule 20 to Personal Data, where the Supplier is required to exercise its regulatory and/or legal obligations in respect of Personal Data, it shall act as an Independent Controller of Personal Data in accordance with Paragraphs 4.2 to 4.12 of this Schedule 20.

Annex 1 - Processing Personal Data

1. This Annex shall be completed by the Controller, who may take account of the view of the Processor, however the final decision as to the content of this Annex shall be with the Buyer at its absolute discretion.

1.1 The contact details of the Buyer’s Data Protection Officer are:

DESNZ Data Protection Officer
Department for Energy Security and Net Zero
3-8 Whitehall Place
London
SW1A 2EG
Email: dataprotection@energysecurity.gov.uk

1.2 REDACTED UNDER FOIA SECTION 40, PERSONAL INFORMATION

1.3 The Processor shall comply with any further written instructions with respect to Processing by the Controller.

1.4 Any such further instructions shall be incorporated into this Annex.

Description	Details
Identity of Controller for each Category of Personal Data	<p>The Buyer is Controller and the Supplier is Processor</p> <p>The Parties acknowledge that in accordance with Paragraph 2 and for the purposes of the Data Protection Legislation, the Buyer is the Controller and the Supplier is the Processor of the following Personal Data:</p> <p>Names, business telephone numbers and email addresses, office location and position of staff of the Buyer, other suppliers supporting Heat Network Zoning, industry and other stakeholders, Local Authorities in allocated study areas and the Supplier as necessary to deliver the services and to undertake Contract and performance management.</p> <p>Space heating demand data submitted by stakeholders about specific buildings, identified by their postal address or Ordnance Survey Topographical ID (TOID).</p>
Subject matter of the Processing	<p>The processing is needed in order to ensure that the Supplier can effectively deliver the development of the National Zoning Model as identified within the Specification Schedule 2.</p> <p>The processing of names and business contact details of staff of the Buyer, other suppliers supporting Heat Network Zoning, industry and other stakeholders, Local Authorities in</p>

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Description	Details
	<p>allocated study areas and the Supplier will be necessary to deliver the services exchanged during the course of the Contract, and to undertake contract and performance management.</p> <p>The Contract itself will include the names and business contact details of staff of both the Buyer, Local Authorities in study areas and the Supplier involved in managing the Contract.</p> <p>Space heating demand data submitted by stakeholders about specific buildings, identified by their postal address or Ordnance Survey Topographical ID (TOID).</p>
Duration of the Processing	From the Start Date to the End Date of the Contract
Nature and purposes of the Processing	<p>The nature of the processing will include collection, recording, organisation, structuring, storage, adaptation or alteration, retrieval, consultation, use, disclosure by transmission, dissemination or otherwise making available, alignment or combination, restriction, erasure or destruction of data by automated means etc.</p> <p>Processing takes place for the purposes of improving and refining the identification of heat network zones as identified within the specification.</p> <p>The nature of processing will include the storage and use of: names and business contact details of staff of the Buyer, other suppliers supporting Heat Network Zoning, industry and other stakeholders, Local Authorities in allocated study areas and the Supplier as necessary to deliver the services and to undertake Contract and performance management. Space heating demand data submitted by stakeholders about specific buildings,</p>

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Description	Details
	<p>identified by their postal address or Ordnance Survey Topographical ID (TOID). The Contract itself will include the names and business contact details of staff of both the Buyer, Local Authorities in allocated study areas and the supplier involved in managing the Contract.</p>
Type of Personal Data being Processed	<p>Names, business telephone numbers and email addresses, office location and position of staff of the Buyer, other suppliers supporting Heat Network Zoning, industry and other stakeholders, Local Authorities in allocated study areas and the Supplier as necessary to deliver the services and to undertake Contract and performance management.</p> <p>Space heating demand data submitted by stakeholders about specific buildings, identified by their postal address or Ordnance Survey Topographical ID (TOID).</p> <p>The Contract itself will include the names and business contact details of staff of both the Buyer, Local Authorities in allocated study areas and the supplier involved in managing the Contract.</p>
Categories of Data Subject	<p>Staff of the Buyer, other suppliers supporting Heat Network Zoning, industry and other stakeholders, Local Authorities in allocated study areas and the Supplier, including where those employees are named within the Contract itself or involved within contract management.</p> <p>Buildings, in relation to heat demand data, which could (with use of additional data) be linked to individual owners.</p>
<p>Plan for return and destruction of the data once the Processing is complete</p> <p>UNLESS requirement under law to preserve that type of data</p>	<p>The Supplier will provide the Buyer with a complete and uncorrupted version of the Personal Data in electronic form (or such other format as reasonably required by the Buyer) and erase from any computers, storage devices and storage media that are to be retained by the Supplier after the expiry of the Framework Agreement. The Supplier will certify to the Buyer that it has completed such deletion.</p>

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Description	Details
Locations at which the Supplier and/or its Sub-contractors process Personal Data under this Contract and international transfers and legal gateway	UK, Data centres within the EEA and the Suppliers own internal systems
Protective Measures that the Supplier and, where applicable, its Sub-contractors have implemented to protect Personal Data processed under this Contract Agreement against a breach of security (insofar as that breach of security relates to data) or a Data Loss Event	See Appendix 1 to this Schedule

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Annex 2 - Joint Controller Agreement

Not Applicable.

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Appendix 1

ERM Technical and Organisational Measures document below



ERM Technical and Organizational Measures

REDACTED UNDER FOIA SECTION 43, COMMERCIALY SENSITIVE

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REDACTED UNDER FOIA SECTION 43, COMMERCIALY SENSITIVE



Schedule 21 (Variation Form)

This form is to be used in order to change a contract in accordance with Clause 28 of the Core Terms (Changing this Contract).

Contract Details		
This variation is between:	[insert name of Buyer] ("the Buyer") And [insert name of Supplier] ("the Supplier")	
Contract name:	[insert name of contract to be changed] ("this Contract")	
Contract reference number:	[insert contract reference number]	
Details of Proposed Variation		
Variation initiated by:	[delete as applicable: Buyer/Supplier]	
Variation number:	[insert variation number]	
Date variation is raised:	[insert date]	
Proposed variation		
Reason for the variation:	[insert reason]	
An Impact Assessment shall be provided within:	[insert number] days	
Impact of Variation		
Likely impact of the proposed variation:	[Supplier to insert assessment of impact]	
Outcome of Variation		
Contract variation:	This Contract detailed above is varied as follows: <ul style="list-style-type: none"> [Buyer to insert original Clauses or Paragraphs to be varied and the changed clause] 	
Financial variation:	Original Contract Value:	£ [insert amount]
	Additional cost due to variation:	£ [insert amount]
	New Contract value:	£ [insert amount]

1. This Variation must be agreed and signed by both Parties to this Contract and shall only be effective from the date it is signed by the Buyer.
2. Words and expressions in this Variation shall have the meanings given to them in this Contract.

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3. The Contract, including any previous Variations, shall remain effective and unaltered except as amended by this Variation.

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Signed by an authorised signatory for and on behalf of the Buyer

Signature

Date

Name (in Capitals)

Address

Signed by an authorised signatory to sign for and on behalf of the Supplier

Signature

Date

Name (in Capitals)

Address

Schedule 22 (Insurance Requirements)

1. The insurance you need to have

- 1.1 The Supplier shall take out and maintain or procure the taking out and maintenance of the insurances as set out in the Annex to this Schedule and any other insurances as may be required by applicable Law (together the “**Insurances**”). The Supplier shall ensure that each of the Insurances is effective no later than the Effective Date in respect of those Insurances set out in the Annex to this Schedule and those required by applicable Law; and
- 1.2 The Insurances shall be:
 - 1.2.1 maintained in accordance with Good Industry Practice;
 - 1.2.2 (so far as is reasonably practicable) on terms no less favourable than those generally available to a prudent contractor in respect of risks insured in the international insurance market from time to time;
 - 1.2.3 taken out and maintained with insurers of good financial standing and good repute in the international insurance market; and
 - 1.2.4 maintained until the End Date except in relation to Professional Indemnity where required under the Annex Part C which shall be maintained for at least six (6) years after the End Date.
- 1.3 The Supplier shall ensure that the public and products liability policy contain an indemnity to principals clause under which the Buyer shall be indemnified in respect of claims made against the Buyer in respect of death or bodily injury or third party property damage arising out of or in connection with the Deliverables and for which the Supplier is legally liable.

2. How to manage the insurance

- 2.1 Without limiting the other provisions of this Contract, the Supplier shall:
 - 2.1.1 take or procure the taking of all reasonable risk management and risk control measures in relation to Deliverables as it would be reasonable to expect of a prudent contractor acting in accordance with Good Industry Practice, including the investigation and reports of relevant claims to insurers;
 - 2.1.2 promptly notify the insurers in writing of any relevant material fact under any Insurances of which the Supplier is or becomes aware; and
 - 2.1.3 hold all policies in respect of the Insurances and cause any insurance broker effecting the Insurances to hold any insurance slips and other evidence of placing cover representing any of the Insurances to which it is a party.

3. What happens if you aren't insured

- 3.1 The Supplier shall not take any action or fail to take any action or (insofar as is reasonably within its power) permit anything to occur in relation to it which

would entitle any insurer to refuse to pay any claim under any of the Insurances.

- 3.2 Where the Supplier has failed to purchase or maintain any of the Insurances in full force and effect, the Buyer may elect (but shall not be obliged) following written notice to the Supplier to purchase the relevant Insurances and recover the reasonable premium and other reasonable costs incurred in connection therewith as a debt due from the Supplier.

4. Evidence of insurance you must provide

The Supplier shall upon the Effective Date and within 15 Working Days after the renewal of each of the Insurances, provide evidence, in a form satisfactory to the Buyer, that the Insurances are in force and effect and meet in full the requirements of this Schedule.

5. Making sure you are insured to the required amount

- 5.1 The Supplier shall ensure that any Insurances which are stated to have a minimum limit "in the aggregate" are maintained for the minimum limit of indemnity for the periods specified in this Schedule.
- 5.2 Where the Supplier intends to claim under any of the Insurances for any matters that are not related to the Deliverables and/or this Contract, the Supplier shall, where such claim is likely to result in the level of cover available under any of the Insurances being reduced below the minimum limit of indemnity specified in this Schedule, promptly notify the Buyer and provide details of its proposed solution for maintaining the minimum limit of indemnity specified in this Schedule.

6. Cancelled Insurance

- 6.1 The Supplier shall notify the Buyer in writing at least five (5) Working Days prior to the cancellation, suspension, termination or non-renewal of any of the Insurances.
- 6.2 The Supplier shall ensure that nothing is done which would entitle the relevant insurer to cancel, rescind or suspend any insurance or cover, or to treat any insurance, cover or claim as voided in whole or part. The Supplier shall use all reasonable endeavours to notify the Buyer (subject to third party confidentiality obligations) as soon as practicable when it becomes aware of any relevant fact, circumstance or matter which has caused, or is reasonably likely to provide grounds to, the relevant insurer to give notice to cancel, rescind, suspend or void any insurance, or any cover or claim under any insurance in whole or in part.

7. Insurance claims

- 7.1 The Supplier shall promptly notify to insurers any matter arising from, or in relation to, the Deliverables, or this Contract for which it may be entitled to claim under any of the Insurances. In the event that the Buyer receives a claim relating to or arising out of this Contract or the Deliverables, the Supplier shall co-operate with the Buyer and assist it in dealing with such claims including without limitation providing information and documentation in a timely manner.
- 7.2 Except where the Buyer is the claimant party, the Supplier shall give the Buyer notice within twenty (20) Working Days after any insurance claim in excess of **10%** relating to or arising out of the provision of the Deliverables or this Contract on any of the Insurances or which, but for the application of the applicable policy excess, would be made on any of the Insurances and (if required by the Buyer) full details of the incident giving rise to the claim.
- 7.3 Where any Insurance requires payment of a premium, the Supplier shall be liable for and shall promptly pay such premium.
- 7.4 Where any Insurance is subject to an excess or deductible below which the indemnity from insurers is excluded, the Supplier shall be liable for such excess or deductible. The Supplier shall not be entitled to recover from the Buyer any sum paid by way of excess or deductible under the Insurances whether under the terms of this Contract or otherwise.

ANNEX: REQUIRED INSURANCES

PART A: THIRD PARTY PUBLIC AND PRODUCTS LIABILITY INSURANCE

1. Insured

The Supplier

2. Interest

2.1 To indemnify the Insured in respect of all sums which the Insured shall become legally liable to pay as damages, including claimant's costs and expenses, in respect of accidental:

2.1.1 death or bodily injury to or sickness, illness or disease contracted by any person; and

2.1.2 loss of or damage to physical property;

happening during the period of insurance (as specified in Paragraph 5) and arising out of or in connection with the provision of the Deliverables and in connection with this Contract.

3. Limit of indemnity

3.1 Not less than £2 million in respect of any one occurrence, the number of occurrences being unlimited in any annual policy period, but £5 million in the aggregate per annum in respect of products and pollution liability (to the extent insured by the relevant policy).

4. Territorial limits

United Kingdom

5. Period of insurance

From the date of this Contract for the period of this Contract and renewable on an annual basis unless agreed otherwise by the Buyer in writing.

6. Cover features and extensions

Indemnity to principals clause under which the Buyer shall be indemnified in respect of claims made against the Buyer in respect of death or bodily injury or third party property damage arising out of or in connection with this Contract and for which the Supplier is legally liable.

7. Principal exclusions

7.1 War and related perils.

7.2 Nuclear and radioactive risks.

7.3 Liability for death, illness, disease or bodily injury sustained by employees of the Insured arising out of the course of their employment.

- 7.4 Liability arising out of the use of mechanically propelled vehicles whilst required to be compulsorily insured by applicable Law in respect of such vehicles.
 - 7.5 Liability in respect of predetermined penalties or liquidated damages imposed under any contract entered into by the Insured.
 - 7.6 Liability arising out of technical or professional advice other than in respect of death or bodily injury to persons or damage to third party property.
 - 7.7 Liability arising from the ownership, possession or use of any aircraft or marine vessel.
 - 7.8 Liability arising from seepage and pollution unless caused by a sudden, unintended, unexpected and accidental occurrence.
- 8. Maximum deductible threshold**
- Not to exceed **£1,837,145.53** for each and every third party property damage claim (personal injury claims to be paid in full).

PART B: UNITED KINGDOM COMPULSORY INSURANCES

The Supplier shall meet its insurance obligations under applicable Law in full, including, United Kingdom employers' liability insurance and motor third party liability insurance.

PART C: ADDITIONAL INSURANCES

Professional Indemnity Insurance	Cover (for a single event or a series of related events and in the aggregate) of not less than two million pounds (£2,000,000) to be maintained for six (6) years after the Expiry Date.
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Schedule 24 (Financial Difficulties)

1. Definitions

- 1.1 In this Schedule, the following words shall have the following meanings and they shall supplement Schedule 1 (Definitions):

"Applicable Financial Indicators"	means the financial indicators from Part C of Annex 2 which are to apply to the Monitored Suppliers as set out in Part B of Annex 3;
"Credit Rating Threshold"	the minimum credit rating level for each entity in the FDE Group as set out in Part A of Annex 2;
"Credit Reference Agencies"	the credit reference agencies listed in Part B of Annex 1;
"Credit Score Notification Trigger"	the minimum size of any downgrade in a credit score, set out in Part B of Annex 2, which triggers a Credit Score Notification Trigger Event;
"Credit Score Notification Trigger Event"	any downgrade of a credit score which is equal to or greater than the Credit Score Notification Trigger;
"Credit Score Threshold"	the minimum credit score level for each entity in the FDE Group as set out in Part B of Annex 2;
"Financial Distress Service Continuity Plan"	a plan setting out how the Supplier will ensure the continued performance and delivery of the Deliverables in accordance with this Contract in the event that a Financial Distress Event occurs. This plan should include what the Buyer would need to put in place to ensure performance and delivery of the Deliverables in accordance with this Contract up to and including any Insolvency Event in respect of the relevant FDE Group entity;
"Financial Indicators"	in respect of the Supplier, Key Sub-contractors and the Guarantor, means each of the financial indicators set out at Part C of Annex 2; and in respect of each Monitored Supplier, means those Applicable Financial Indicators;
"Financial Target Thresholds"	means the target thresholds for each of the Financial Indicators set out at Part C of Annex 2;

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"Primary Metric"	credit rating pursuant to Paragraph 3.3
"Monitored Supplier"	those entities specified in Part B of Annex 3; and
"Rating Agencies"	the rating agencies listed in Part A of Annex 1.

2. When this Schedule applies

- 2.1 The Parties shall comply with the provisions of this Schedule in relation to the assessment of the financial standing of the FDE Group and the consequences of a change to that financial standing.
- 2.2 The terms of this Schedule shall survive under this Contract until the termination or expiry of this Contract.

3. Credit Ratings

- 3.1 The Supplier warrants and represents to the Buyer that as at the Effective Date the long term credit ratings issued for each entity in the FDE Group by each of the Rating Agencies are as set out in Part A of Annex 2.
- 3.2 The Supplier shall:
- 3.2.1 regularly monitor the credit ratings of each entity in the FDE Group with the Rating Agencies; and
 - 3.2.2 promptly (and in any event within five (5) Working Days) notify the Buyer in writing if there is any downgrade in the credit rating issued by any Rating Agency for any entity in the FDE Group.
- 3.3 For the purposes of determining whether a Financial Distress Event has occurred, and for the purposes of determining relief under Paragraph 8 if credit rating is the Primary Metric, the credit rating of an FDE Group entity shall be deemed to have dropped below the applicable Credit Rating Threshold if any of the Rating Agencies have given a credit rating level for that FDE Group entity which is below the applicable Credit Rating Threshold.

4. Credit Scores

- 4.1 The Supplier warrants and represents to the Buyer that as at the Effective Date the credit scores issued for each entity in the FDE Group by each of the Credit Reference Agencies are as set out in Part B of Annex 2.
- 4.2 The Supplier shall:
- 4.2.1 regularly monitor the credit scores of each entity in the FDE Group with the Credit Reference Agencies; and
 - 4.2.2 promptly notify (or shall procure that its auditors promptly notify) the Buyer in writing if there is any Credit Score Notification Trigger

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Event for any entity in the FDE Group (and in any event within five (5) Working Days).

- 4.3 For the purposes of determining whether a Financial Distress Event has occurred, and for the purposes of determining relief under Paragraph 8 if credit score is the Primary Metric, the credit score of an FDE Group entity shall be deemed to have dropped below the applicable Credit Score Threshold if any of the Credit Reference Agencies have given a credit score for that FDE Group entity which is below the applicable Credit Score Threshold.

5. Financial Indicators

- 5.1 The Supplier shall monitor and report on the Financial Indicators for each entity in the FDE Group against the Financial Target Thresholds at least at the frequency set out for each at Part C of Annex 2 (where specified) and in any event, on a regular basis and no less than once a year within one hundred and twenty (120) days after the accounting reference date
- 5.2 Subject to the calculation methodology set out at Annex 4 of this Schedule, the Financial Indicators and the corresponding calculations and thresholds used to determine whether a Financial Distress Event has occurred in respect of those Financial Indicators, shall be as set out in Appendix I: *Standard Financial Ratios of Assessing and Monitoring the Economic and Financial Standing of Bidders and Suppliers – May 2021* (as amended, supplemented or replaced from time to time) which as at the Effective Date can be found at:

https://assets.publishing.service.gov.uk/government/uploads/system/uploads/attachment_data/file/987132/Assessing_and_monitoring_the_economic_and_financial_standing_of_suppliers_guidance_note_May_2021.pdf

- 5.3 Each report submitted by the Supplier pursuant to Paragraph 5.1 shall:
- 5.3.1 be a single report with separate sections for each of the FDE Group entities;
 - 5.3.2 contain a sufficient level of information to enable the Buyer to verify the calculations that have been made in respect of the Financial Indicators;
 - 5.3.3 include key financial and other supporting information (including any accounts data that has been relied on) as separate annexes;
 - 5.3.4 be based on the audited accounts for the date or period on which the Financial Indicator is based or, where the Financial Indicator is not linked to an accounting period or an accounting reference date, on unaudited management accounts prepared in accordance with their normal timetable; and
 - 5.3.5 include a history of the Financial Indicators reported by the Supplier in graph form to enable the Buyer to easily analyse and assess the trends in financial performance.

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- 5.4 For the purposes of determining whether a Financial Distress Event has occurred, and for the purposes of determining relief under Paragraph 8 if financial indicators are the Primary Metric, the Financial Indicator of an FDE Group entity shall be deemed to have dropped below the applicable Financial Target Threshold if:
 - 5.4.1 a report submitted by the Supplier pursuant to Paragraph 5.1 shows that any FDE Group entity has failed to meet or exceed the Financial Target Threshold for any one of the Financial Indicators set out in Part C of Annex 2 of this Schedule;
 - 5.4.2 a report submitted by the Supplier pursuant to Paragraph 5.1 does not comply with the requirements set out in Paragraph 5.3; or
 - 5.4.3 the Supplier does not deliver a report pursuant to Paragraph 5.3 in accordance with the applicable monitoring and reporting frequency.

6. What happens if there is a financial distress event

- 6.1 The Supplier shall promptly notify (or shall procure that its auditors promptly notify) the Buyer in writing following the occurrence of a Financial Distress Event or any fact, circumstance or matter which could cause a Financial Distress Event and in any event, ensure that such notification is made within 10 Working Days of the date on which the Supplier first becomes aware of the Financial Distress Event or the fact, circumstance or matter which could cause a Financial Distress Event.
- 6.2 In the event of a Financial Distress Event then, immediately upon notification of the Financial Distress Event (or if the Buyer becomes aware of the Financial Distress Event without notification and brings the event to the attention of the Supplier), the Supplier shall have the obligations and the Buyer shall have the rights and remedies as set out in Paragraphs 6.4 to 6.6.
- 6.3 In the event that a Financial Distress Event arises due to a Key Subcontractor notifying the Buyer that the Supplier has not satisfied any sums properly due under a specified invoice and not subject to a genuine dispute then, the Buyer shall not exercise any of its rights or remedies under Paragraph 6.4 without first giving the Supplier ten (10) Working Days to:
 - 6.3.1 rectify such late or non-payment; or
 - 6.3.2 demonstrate to the Buyer's reasonable satisfaction that there is a valid reason for late or non-payment.
- 6.4 The Supplier shall (and shall procure that each Additional FDE Group Member shall):
 - 6.4.1 at the request of the Buyer meet the Buyer as soon as reasonably practicable (and in any event within three (3) Working Days of the initial notification (or awareness) of the Financial Distress Event) to review the effect of the Financial Distress Event on the continued performance of this Contract and delivery of the Deliverables in accordance this Contract; and

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- 6.4.2 where the Buyer reasonably believes (taking into account the discussions and any representations made under Paragraph 6.4.1) that the Financial Distress Event could impact on the continued performance of this Contract and delivery of the Deliverables in accordance with this Contract:
- (a) submit to the Buyer for its Approval, a draft Financial Distress Service Continuity Plan as soon as reasonably practicable (and in any event, within ten (10) Working Days of the initial notification (or awareness) of the Financial Distress Event);
 - (b) use reasonable endeavours to put in place the necessary measures with each Additional FDE Group Member to ensure that it is able to provide financial information relating to that Additional FDE Group Member to the Buyer; and
 - (c) provide such financial information relating to FDE Group entity as the Buyer may reasonably require.
- 6.5 If the Buyer does not (acting reasonably) approve the draft Financial Distress Service Continuity Plan, it shall inform the Supplier of its reasons and the Supplier shall take those reasons into account in the preparation of a further draft Financial Distress Service Continuity Plan, which shall be resubmitted to the Buyer within five (5) Working Days of the rejection of the first or subsequent (as the case may be) drafts. This process shall be repeated until the Financial Distress Service Continuity Plan is either:
- 6.5.1 Approved;
 - 6.5.2 referred, by notice sent by either Party to the other Party explaining why it thinks the Financial Distress Service Continuity Plan has not been Approved, to commercial negotiation led by senior representatives who have authority to agree the Financial Distress Service Continuity Plan (to be held within 28 days of the date of the notice); or
 - 6.5.3 finally rejected by the Buyer.
- 6.6 Following Approval of the Financial Distress Service Continuity Plan by the Buyer, the Supplier shall:
- 6.6.1 on a regular basis (which shall not be less than Monthly), review the Financial Distress Service Continuity Plan and assess whether it remains adequate and up to date to ensure the continued performance this Contract and delivery of the Deliverables in accordance with this Contract;
 - 6.6.2 provide a written report of the results of each review and assessment carried out under Paragraph 6.6.1 to the Buyer;

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- 6.6.3 where the Financial Distress Service Continuity Plan is not adequate or up to date in accordance with Paragraph 6.6.1, submit an updated Financial Distress Service Continuity Plan to the Buyer for its Approval, and the provisions of Paragraphs 6.5 shall apply to the review and Approval process for the updated Financial Distress Service Continuity Plan; and
- 6.6.4 comply with the Financial Distress Service Continuity Plan (including any updated Financial Distress Service Continuity Plan).
- 6.7 Where the Supplier reasonably believes that the relevant Financial Distress Event (or the circumstance or matter which has caused or otherwise led to it) no longer exists, it shall notify the Buyer and subject to the agreement of the Parties, the Supplier may be relieved of its obligations under Paragraph 6.6.

7. When the Buyer can terminate for financial distress

- 7.1 The Buyer shall be entitled to terminate this Contract for Material Default if:
 - 7.1.1 the Supplier fails to notify the Buyer of a Financial Distress Event in accordance with Paragraph 6.1;
 - 7.1.2 the Supplier fails to comply with any part of Paragraph 6.4;
 - 7.1.3 subject to Paragraph 7.2, the Buyer finally rejects a Financial Distress Service Continuity Plan (or any updated Financial Distress Service Continuity Plan) in accordance with Paragraph 6.5.3;
 - 7.1.4 the senior representatives who have authority to agree the Financial Distress Service Continuity Plan (acting reasonably) do not meet within 28 days of the date of the notice of referral pursuant to Paragraph 6.5.2;
 - 7.1.5 the senior representatives who have authority to agree the Financial Distress Service Continuity Plan (acting reasonably) do not agree the Financial Distress Service Continuity Plan after it has been referred pursuant to Paragraph 6.5.2; and/or
 - 7.1.6 the Supplier fails to comply with the terms of the Financial Distress Service Continuity Plan (or any updated Financial Distress Service Continuity Plan) in accordance with Paragraph 6.6.4,

and the consequences of termination in Clause 14.5.1 shall apply.

- 7.2 A Material Default may only occur under Paragraph 7.1.3 after the expiry of the first five (5) Working Days period for the Supplier to submit a revised draft of the first draft of the Financial Distress Service Continuity Plan starting on and from the date on which the Buyer first notified the Supplier that Supplier must submit a revised draft of the first draft Financial Distress Service Continuity Plan.

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8. What happens If your Primary Metric is still good

Without prejudice to the Supplier's obligations and the Buyer's rights and remedies under Paragraph 6, if, following the occurrence of a Financial Distress Event, the Supplier evidences to the Buyer's satisfaction that the Primary Metric shows that the Financial Distress Event no longer exists, then:

- 8.1 the Supplier shall be relieved automatically of its obligations under Paragraphs 6.4 to 6.6; and
- 8.2 the Buyer shall not be entitled to require the Supplier to provide financial information in accordance with Paragraph 6.4.2(c)).

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ANNEX 1: RATING AGENCIES AND CREDIT REFERENCE AGENCIES

Part A: Rating Agencies

Dun & Bradstreet

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ANNEX 2: CREDIT RATINGS, CREDIT SCORES AND FINANCIAL INDICATORS

Part A: Credit Rating

Entity	Credit rating (long term)	Credit Rating Threshold
REDACTED UNDER FOIA SECTION 43, COMMERCIALY SENSITIVE		

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ANNEX 3 – ADDITIONAL FDE GROUP MEMBERS AND MONITORED SUPPLIERS

Part A: Additional FDE Group Members

1. Key-Subcontractors

Schedule 25 (Rectification Plan)

Request for [Revised] Rectification Plan			
Details of the Notifiable Default:		[Guidance: Explain the Notifiable Default, with clear schedule and clause references as appropriate]	
Deadline for receiving the [Revised] Rectification Plan:		[add date (minimum 10 days from request)]	
Signed by Buyer:			Date:
Supplier [Revised] Rectification Plan			
Cause of the Notifiable Default		[add cause]	
Anticipated impact assessment:		[add impact]	
Actual effect of Notifiable Default:		[add effect]	
Steps to be taken to rectification:	Steps	Timescale	
	1.	[date]	
	2.	[date]	
	3.	[date]	
	4.	[date]	
	[...]	[date]	
Timescale for complete Rectification of Notifiable Default		[X] Working Days	
Steps taken to prevent recurrence of Notifiable Default	Steps	Timescale	
	1.	[date]	
	2.	[date]	
	3.	[date]	
	4.	[date]	

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	[...]	[date]	
Signed by the Supplier:		Date:	
Review of Rectification Plan Buyer			
Outcome of review	[Plan Accepted] [Plan Rejected] [Revised Plan Requested]		
Reasons for rejection (if applicable)	[add reasons]		
Signed by Buyer		Date:	

Schedule 26 (Sustainability)

1. Definitions

“Modern Slavery Assessment Tool”	means the modern slavery risk identification and management tool which can be found online at: https://supplierregistration.cabinetoffice.gov.uk/msat
“Supply Chain Map”	means details of (i) the Supplier, (ii) all Subcontractors and (iii) any other entity that the Supplier is aware is in its supply chain that is not a Subcontractor, setting out at least: <ul style="list-style-type: none"> (a) the name, registered office and company registration number of each entity in the supply chain; (b) the function of each entity in the supply chain; and (c) the location of any premises at which an entity in the supply chain carries out a function in the supply chain; and
“Waste Hierarchy”	means prioritisation of waste management in the following order of preference as set out in the Waste (England and Wales) Regulation 2011: <ul style="list-style-type: none"> (a) Prevention; (b) Preparing for re-use; (c) Recycling; (d) Other Recovery; and (e) Disposal.

Part A

1. Public Sector Equality Duty

- 1.1 In addition to legal obligations, where the Supplier is providing a Deliverable to which the Public Sector Equality duty applies, the Supplier shall support the Buyer in fulfilling its Public Sector Equality duty under S149 of the Equality Act 2010 by ensuring that it fulfils its obligations under this Contract in a way that seeks to:
 - 1.1.1 eliminate discrimination, harassment or victimisation and any other conduct prohibited by the Equality Act 2010; and
 - 1.1.2 advance:
 - (a) equality of opportunity; and
 - (b) good relations,
 between those with a protected characteristic (age, disability, gender reassignment, pregnancy and maternity, race, religion or belief, sex,

sexual orientation, and marriage and civil partnership) and those who do not share it.

2. Employment Law

The Supplier must perform its obligations meeting the requirements of all applicable Law regarding employment.

3. Modern Slavery

3.1 The Supplier:

- 3.1.1 shall not use, nor allow its Subcontractors to use forced, bonded or involuntary prison labour;
- 3.1.2 shall not require any Supplier Staff or Subcontractor Staff to lodge deposits or identity papers with the employer and shall be free to leave their employer after reasonable notice;
- 3.1.3 warrants and represents that it has not been convicted of any slavery or human trafficking offences anywhere around the world;
- 3.1.4 warrants that to the best of its knowledge it is not currently under investigation, inquiry or enforcement proceedings in relation to any allegation of slavery or human trafficking offences anywhere around the world;
- 3.1.5 shall make reasonable enquires to ensure that its officers, employees and Subcontractors have not been convicted of slavery or human trafficking offences anywhere around the world;
- 3.1.6 shall have and maintain throughout the Term its own policies and procedures to ensure its compliance with the Modern Slavery Act 2015 and include in its contracts with its Subcontractors anti-slavery and human trafficking provisions;
- 3.1.7 shall implement due diligence procedures to ensure that there is no slavery or human trafficking in any part of its supply chain performing obligations under this Contract;
- 3.1.8 shall prepare and deliver to the Buyer, an annual slavery and human trafficking report setting out the steps it has taken to ensure that slavery and human trafficking is not taking place in any of its supply chains or in any part of its business with its annual certification of compliance with this Paragraph 3;
- 3.1.9 shall not use, nor allow its employees or Subcontractors to use physical abuse or discipline, the threat of physical abuse, sexual or other harassment and verbal abuse or other forms of intimidation of its employees or Subcontractors;
- 3.1.10 shall not use or allow child or slave labour to be used by its Subcontractors;
- 3.1.11 shall report the discovery or suspicion of any slavery, trafficking, forced labour, child labour, involuntary prison labour or labour rights abuses by it or its Subcontractors to the Buyer and Modern Slavery Helpline and relevant national or local law enforcement agencies;

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- 3.1.12 if the Supplier is in Default under Paragraphs 3.1.1 to 3.1.11 of this Part A of Schedule 26 the Buyer may by notice:
 - (a) require the Supplier to remove from performance of this Contract any sub-contractor, Supplier Personnel or other persons associated with it whose acts or omissions have caused the Default; or
 - (b) immediately terminate this Contract and the consequences of termination set out in Clause 14.5.1 of the Core Terms shall apply; and
- 3.1.13 shall, if the Supplier or the Buyer identifies any occurrence of modern slavery connected to this Contract, comply with any request of the Buyer to follow the Rectification Plan Process to submit a remedial action plan which follows the form set out in Annex D of the Tackling Modern Slavery in Government Supply Chains guidance to PPN 02/23 (Tackling Modern Slavery in Government Supply Chains).
- 3.2 If the Supplier notifies the Buyer pursuant to Clause 3.1.11 it shall respond promptly to the Buyer's enquiries, co-operate with any investigation, and allow the Authority to audit any books, records and/or any other relevant documentation in accordance with this Contract.
- 3.3 If the Supplier is in Default under Paragraph 3.1 of this Part A of Schedule 26, the Buyer may by notice:
 - 3.3.1 require the Supplier to remove from performance of this Contract any Sub-Contractor, Supplier Personnel or other persons associated with it whose acts or omissions have caused the Default; or
 - 3.3.2 immediately terminate this Contract and the consequences of termination set out in Clause 14.5.1 of the Core Terms shall apply.

4. Environmental Requirements

- 4.1 The Supplier must perform its obligations meeting in all material respects the requirements of all applicable Laws regarding the environment.
- 4.2 In performing its obligations under this Contract, the Supplier shall, where applicable to this Contract, to the reasonable satisfaction of the Buyer:
 - 4.2.1 prioritise waste management in accordance with the Waste Hierarchy as set out in Law;
 - 4.2.2 be responsible for ensuring that any waste generated by the Supplier and sent for recycling, disposal or other recovery as a consequence of this Contract is taken by a licensed waste carrier to an authorised site for treatment or disposal and that the disposal or treatment of waste complies with the Law; and
 - 4.2.3 ensure that it and any third parties used to undertake recycling, disposal or other recovery as a consequence of this Contract do so in a legally compliant way, and can demonstrate that reasonable

checks are undertaken to ensure this on a regular basis and provide relevant data and evidence of recycling, recovery and disposal.

- 4.3 In circumstances that a permit, licence or exemption to carry or send waste generated under this Contract is revoked, the Supplier shall cease to carry or send waste or allow waste to be carried by any Subcontractor until authorisation is obtained from the Environment Agency.
- 4.4 In performing its obligations under this Contract, the Supplier shall to the reasonable satisfaction of the Buyer (where the anticipated Charges in any Contract Year are above £5 million per annum (excluding VAT)), where related to and proportionate to the contract in accordance with PPN 06/21), publish and maintain a credible Carbon Reduction Plan in accordance with PPN 06/21.
- 4.5 The Supplier shall meet the applicable Government Buying Standards applicable to Deliverables which can be found online at:

<https://www.gov.uk/government/collections/sustainable-procurement-the-government-buying-standards-gbs>.

5. Supplier Code of Conduct

- 5.1 In February 2019, HM Government published a Supplier Code of Conduct setting out the standards and behaviours expected of suppliers who work with government which can be found online at:

https://assets.publishing.service.gov.uk/government/uploads/system/uploads/attachment_data/file/1163536/Supplier_Code_of_Conduct_v3.pdf

The Buyer expects to meet, and expects its suppliers and subcontractors to meet, the standards set out in that Code.

6. Reporting

The Supplier shall comply with reasonable requests by the Buyer for information evidencing compliance with any of the requirements in Paragraphs 1-5 of this Part A above within fourteen (14) days of such request, [provided that such requests are limited to [two (2)] per requirement per Contract Year].

Part B – not used

Part C – not used

Schedule 27 (Key Subcontractors)

1. Restrictions on certain subcontractors

- 1.1 The Supplier is entitled to sub-contract its obligations under this Contract to the Key Subcontractors set out in the Award Form.
- 1.2 Where during the Contract Period the Supplier wishes to enter into a new Key Sub-contract or replace a Key Subcontractor, it must obtain the prior written consent of the Buyer and the Supplier shall, at the time of requesting such consent, provide the Buyer with the information detailed in Paragraph 1.4. The decision of the Buyer to consent or not will not be unreasonably withheld or delayed. Where the Buyer consents to the appointment of a new Key Subcontractor then they will be added to Key Subcontractor section of the Award Form. The Buyer may reasonably withhold their consent to the appointment of a Key Subcontractor if it considers that:
 - 1.2.1 the appointment of a proposed Key Subcontractor may prejudice the provision of the Deliverables or may be contrary to its interests;
 - 1.2.2 the proposed Key Subcontractor is unreliable and/or has not provided reliable goods and or reasonable services to its other customers; and/or
 - 1.2.3 the proposed Key Subcontractor employs unfit persons.
- 1.3 The Supplier shall provide the Buyer with the following information in respect of the proposed Key Subcontractor:
 - 1.3.1 the proposed Key Subcontractor's name, registered office and company registration number;
 - 1.3.2 the scope/description of any Deliverables to be provided by the proposed Key Subcontractor;
 - 1.3.3 where the proposed Key Subcontractor is an Affiliate of the Supplier, evidence that demonstrates to the reasonable satisfaction of the Buyer that the proposed Key Sub-Contract has been agreed on "arm's-length" terms;
 - 1.3.4 the Key Sub-Contract price expressed as a percentage of the total projected Charges over the Contract Period; and
 - 1.3.5 (where applicable) Credit Rating Threshold (as defined in Schedule 24 (Financial Difficulties)) of the Key Subcontractor.
- 1.4 If requested by the Buyer, within ten (10) Working Days of receipt of the information provided by the Supplier pursuant to Paragraph 1.3, the Supplier shall also provide:
 - 1.4.1 a copy of the proposed Key Sub-Contract; and
 - 1.4.2 any further information reasonably requested by the Buyer.

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- 1.5 The Supplier shall ensure that each new or replacement Key Sub-Contract shall include:
 - 1.5.1 provisions which will enable the Supplier to discharge its obligations under the this Contract;
 - 1.5.2 a right under CRTPA for the Buyer to enforce any provisions under the Key Sub-Contract which confer a benefit upon the Buyer;
 - 1.5.3 a provision enabling the Buyer to enforce the Key Sub-Contract as if it were the Supplier;
 - 1.5.4 a provision enabling the Supplier to assign, novate or otherwise transfer any of its rights and/or obligations under the Key Sub-Contract to the Buyer;
 - 1.5.5 obligations no less onerous on the Key Subcontractor than those imposed on the Supplier under this Contract in respect of:
 - a) the data protection requirements set out in Clause 18 (Data protection);
 - b) the FOIA and other access request requirements set out in Clause 20 (When you can share information);
 - c) the obligation not to embarrass the Buyer or otherwise bring the Buyer into disrepute;
 - d) the keeping of records in respect of the goods and/or services being provided under the Key Sub-Contract, including the maintenance of Open Book Data; and
 - e) the conduct of audits set out in Clause 6 (Record keeping and reporting);
 - 1.5.6 provisions enabling the Supplier to terminate the Key Sub-Contract on notice on terms no more onerous on the Supplier than those imposed on the Buyer under Clauses 14.4 (When the Buyer can end this Contract) and 14.5 (What happens if this Contract ends) of this Contract;
 - 1.5.7 a provision restricting the ability of the Key Subcontractor to sub-contract all or any part of the provision of the Deliverables provided to the Supplier under the Key Sub-Contract without first seeking the written consent of the Buyer; and
 - 1.5.8 a provision enabling the Supplier, the Buyer or any other person on behalf of the Buyer to step-in on substantially the same terms as are set out in Clause 13 (Step-in rights).
- 1.6 The Supplier shall not terminate or materially amend the terms of any Key Sub-Contract without the Buyer's prior written consent, which shall not be unreasonably withheld or delayed.

Schedule 29 (Key Supplier Staff)

1. Key Supplier Staff

- 1.1 The Annex 1 (Key Role) to this Schedule lists the key roles ("**Key Roles**") and names of the persons who the Supplier shall appoint to fill those Key Roles at the Start Date ("**Key Staff**").
- 1.2 The Supplier shall ensure that the Key Staff fulfil the Key Roles at all times during the Contract Period.
- 1.3 The Buyer may identify any further roles as being Key Roles and, following agreement to the same by the Supplier, the relevant person selected to fill those Key Roles shall be included on the list of Key Staff.
- 1.4 The Supplier shall not and shall procure that any Subcontractor shall not remove or replace any Key Staff unless:
 - 1.4.1 requested to do so by the Buyer or the Buyer Approves such removal or replacement (not to be unreasonably withheld or delayed);
 - 1.4.2 the person concerned resigns, retires or dies or is on parental or long-term sick leave; or
 - 1.4.3 the person's employment or contractual arrangement with the Supplier or Subcontractor is terminated for material breach of contract by the employee.
- 1.5 The Supplier shall:
 - 1.5.1 notify the Buyer promptly of the absence of any Key Staff (other than for short-term sickness or holidays of two (2) weeks or less, in which case the Supplier shall ensure appropriate temporary cover for that Key Role);
 - 1.5.2 ensure that any Key Role is not vacant for any longer than ten (10) Working Days;
 - 1.5.3 give as much notice as is reasonably practicable of its intention to remove or replace any member of Key Staff and, except in the cases of death, unexpected ill health or a material breach of the Key Staff's employment contract, this will mean at least three (3) Months' notice;
 - 1.5.4 ensure that all arrangements for planned changes in Key Staff provide adequate periods during which incoming and outgoing staff work together to transfer responsibilities and ensure that such change does not have an adverse impact on the provision of the Deliverables; and
 - 1.5.5 ensure that any replacement for a Key Role has a level of qualifications and experience appropriate to the relevant Key Role and is fully competent to carry out the tasks assigned to the Key Staff whom they have replaced.

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- 1.6 The Buyer may require the Supplier to remove or procure that any Subcontractor shall remove any Key Staff that the Buyer considers in any respect unsatisfactory. The Buyer shall not be liable for the cost of replacing any Key Staff.

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Annex 1- Key Roles

REDACTED UNDER FOIA SECTION 40, PERSONAL INFORMATION



Schedule 30 (Exit Management)

1. Definitions

1.1 In this Schedule, the following words shall have the following meanings and they shall supplement Schedule 1 (Definitions):

"Exclusive Assets"	Supplier Assets used exclusively by the Supplier or a Key Subcontractor in the provision of the Deliverables;
"Exit Information"	has the meaning given to it in Paragraph 3.1 of this Schedule;
"Exit Manager"	the person appointed by each Party to manage their respective obligations under this Schedule;
"Net Book Value"	the current net book value of the relevant Supplier Asset(s) calculated in accordance with the Tender (if stated) or (if not stated) the depreciation policy of the Supplier (which the Supplier shall ensure is in accordance with Good Industry Practice);
"Non-Exclusive Assets"	those Supplier Assets used by the Supplier or a Key Subcontractor in connection with the Deliverables but which are also used by the Supplier or Key Subcontractor for other purposes;
"Replacement Goods"	any goods which are substantially similar to any of the Goods and which the Buyer receives in substitution for any of the Goods following the End Date, whether those goods are provided by the Buyer internally and/or by any third party;
"Replacement Services"	any services which are substantially similar to any of the Services and which the Buyer receives in substitution for any of the Services following the End Date, whether those goods are provided by the Buyer internally and/or by any third party;
"Transferable Assets"	Exclusive Assets which are capable of legal transfer to the Buyer;
"Transferable Contracts"	Sub-Contracts, licences for Supplier's Software, licences for Third Party Software or other agreements which are necessary to enable the Buyer or any Replacement Supplier to provide the Deliverables or the Replacement Goods and/or Replacement Services, including in relation to licences all relevant Documentation;
"Transferring Assets"	has the meaning given to it in Paragraph 8.2.1 of this Schedule;
"Transferring Contracts"	has the meaning given to it in Paragraph 8.2.3 of this Schedule; and
"Virtual Library"	the data repository hosted by the Supplier containing the accurate information about this Contract and the Deliverables in accordance with Paragraph 2.2 of this Schedule.

2. Supplier must always be prepared for contract exit

- 2.1 The Supplier shall within thirty (30) days from the Effective Date provide to the Buyer a copy of its depreciation policy to be used for the purposes of calculating Net Book Value.
- 2.2 During the Contract Period, the Supplier shall within thirty (30) days from the Effective Date (or such other period as is specified in the Award Form) create and maintain a Virtual Library containing:
 - 2.2.1 a detailed register of all Supplier Assets (including description, condition, location and details of ownership and status as either Exclusive Assets or Non-Exclusive Assets and Net Book Value) and Sub-contracts and other relevant agreements required in connection with the Deliverables; and
 - 2.2.2 a configuration database detailing the technical infrastructure, a schedule of the IPRs (consistent with Annex 1 of Schedule 36 (Intellectual Property) which the Buyer reasonably requires to benefit from the Deliverables (including who is the owner of such IPRs, the contact details of the owner and whether or not such IPRs are held in escrow), any plans required to be delivered by the Supplier pursuant to Schedule 14 (Business Continuity and Disaster Recovery) or Schedule 24 (Financial Difficulties) and operating procedures through which the Supplier provides the Deliverables, and the Supplier shall ensure the Virtual Library is structured and maintained in accordance with open standards and the security requirements set out in this Contract and is readily accessible by the Buyer at all times. All information contained in the Virtual Library should be maintained and kept up to date in accordance with the time period set out in the Award Form.
- 2.3 The Supplier shall add to the Virtual Library a list of Supplier Staff and Staffing Information (as that term is defined in Schedule 7 (Staff Transfer)) in connection with the Deliverables in accordance with the timescales set out in Paragraphs 1.1, 1.2 of Part E of Schedule 7 (Staff Transfer).
- 2.4 The Supplier shall:
 - 2.4.1 ensure that all Exclusive Assets listed in the Virtual Library are clearly physically identified as such; and
 - 2.4.2 procure that all licences for Third Party Software and all Sub-Contracts shall be assignable and/or capable of novation (at no cost or restriction to the Buyer) at the request of the Buyer to the Buyer (and/or its nominee) and/or any Replacement Supplier upon the Supplier ceasing to provide the Deliverables (or part of them) and if the Supplier is unable to do so then the Supplier shall promptly notify the Buyer and the Buyer may require the Supplier to procure an alternative Subcontractor or provider of Deliverables.
- 2.5 Each Party shall appoint an Exit Manager within three (3) Months of the Effective Date. The Parties' Exit Managers will liaise with one another in relation to all issues relevant to the expiry or termination of this Contract.

3. Assisting re-competition for Deliverables

- 3.1 The Supplier shall, on reasonable notice, provide to the Buyer and/or its potential Replacement Suppliers (subject to the potential Replacement Suppliers entering into reasonable written confidentiality undertakings), such information (including any access) as the Buyer shall reasonably require in order to facilitate the preparation by the Buyer of any invitation to tender and/or to facilitate any potential Replacement Suppliers undertaking due diligence (the "**Exit Information**").
- 3.2 The Supplier acknowledges that the Buyer may disclose the Supplier's Confidential Information (excluding the Supplier's or its Subcontractors' prices or costs) to an actual or prospective Replacement Supplier to the extent that such disclosure is necessary in connection with such engagement.
- 3.3 The Supplier shall provide complete updates of the Exit Information on an as-requested basis as soon as reasonably practicable and notify the Buyer within five (5) Working Days of any material change to the Exit Information which may adversely impact upon the provision of any Deliverables (and shall consult the Buyer in relation to any such changes).
- 3.4 The Exit Information shall be accurate and complete in all material respects and shall be sufficient to enable a third party to prepare an informed offer for those Deliverables; and not be disadvantaged in any procurement process compared to the Supplier.

4. Exit Plan

- 4.1 The Supplier shall, within three (3) Months after the Start Date, deliver to the Buyer a plan which complies with the requirements set out in Paragraph 4.3 of this Schedule and is otherwise reasonably satisfactory to the Buyer (the "**Exit Plan**").
- 4.2 The Parties shall use reasonable endeavours to agree the contents of the Exit Plan. If the Parties are unable to agree the contents of the Exit Plan within twenty (20) Working Days of the latest date for its submission pursuant to Paragraph 4.1, then such Dispute shall be resolved in accordance with the Dispute Resolution Procedure.
- 4.3 The Exit Plan shall set out, as a minimum:
 - 4.3.1 how the Exit Information is obtained;
 - 4.3.2 a mechanism for dealing with partial termination on the assumption that the Supplier will continue to provide the remaining Deliverables under this Contract;
 - 4.3.3 the management structure to be employed during the Termination Assistance Period;
 - 4.3.4 a detailed description of both the transfer and cessation processes, including a timetable;
 - 4.3.5 how the Deliverables will transfer to the Replacement Supplier and/or the Buyer;

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- 4.3.6 details of any contracts which will be available for transfer to the Buyer and/or the Replacement Supplier upon the Expiry Date together with any reasonable costs required to effect such transfer;
 - 4.3.7 the scope of Termination Assistance that may be required for the benefit of the Buyer (including which services set out in Annex 1 are applicable);
 - 4.3.8 how Termination Assistance will be provided, including a timetable and critical issues for providing Termination Assistance;
 - 4.3.9 any charges that would be payable for the provision of Termination Assistance (calculated in accordance with Paragraph 4.4 below) together with a capped estimate of such charges;
 - 4.3.10 proposals for the training of key members of the Replacement Supplier's staff in connection with the continuation of the provision of the Deliverables following the Expiry Date;
 - 4.3.11 proposals for providing the Buyer or a Replacement Supplier copies of all documentation relating to the use and operation of the Deliverables and required for their continued use;
 - 4.3.12 proposals for the assignment or novation of all services utilised by the Supplier in connection with the supply of the Deliverables;
 - 4.3.13 proposals for the identification and return of all Buyer Property in the possession of and/or control of the Supplier or any third party;
 - 4.3.14 proposals for the disposal of any redundant Deliverables and materials;
 - 4.3.15 how the Supplier will ensure that there is no disruption to or degradation of the Deliverables during the Termination Assistance Period; and
 - 4.3.16 any other information or assistance reasonably required by the Buyer or a Replacement Supplier.
- 4.4 Any charges payable as a result of the Supplier providing Termination Assistance shall be calculated and charged in accordance with Schedule 3 (Charges). The Supplier shall be entitled to increase or vary the Charges only if it can demonstrate in the Exit Plan that the provision of Termination Assistance requires additional resources and, in any event, any change to the Charges resulting from the provisions of Termination Assistance will be strictly proportionate to the level of resources required for the provision of the Termination Assistance Services.
- 4.5 The Supplier shall:
- 4.5.1 maintain and update the Exit Plan (and risk management plan) no less frequently than:
 - (a) every six (6) months throughout the Contract Period;
 - (b) no later than twenty (20) Working Days after a request from the Buyer for an up-to-date copy of the Exit Plan;

- (c) as soon as reasonably possible following a Termination Assistance Notice, and in any event no later than ten (10) Working Days after the date of the Termination Assistance Notice;
 - (d) as soon as reasonably possible following, and in any event no later than twenty (20) Working Days following, any material change to the Deliverables (including all changes under the Variation Procedure); and
- 4.5.2 jointly review and verify the Exit Plan if required by the Buyer and promptly correct any identified failures.
- 4.6 Only if (by notification to the Supplier in writing) the Buyer agrees with a draft Exit Plan provided by the Supplier under Paragraph 4.2 or 4.4 (as the context requires), shall that draft become the Exit Plan for this Contract.
- 4.7 A version of an Exit Plan agreed between the parties shall not be superseded by any draft submitted by the Supplier.

5. Termination Assistance

- 5.1 The Buyer shall be entitled to require the provision of Termination Assistance at any time during the Contract Period by giving written notice to the Supplier (a "**Termination Assistance Notice**") at least four (4) Months prior to the Expiry Date or as soon as reasonably practicable (but in any event, not later than one (1) Month) following the service by either Party of a Termination Notice. The Termination Assistance Notice shall specify:
- 5.1.1 the nature of the Termination Assistance required; and
 - 5.1.2 the start date and period during which it is anticipated that Termination Assistance will be required, which shall continue no longer than twelve (12) Months after the End Date.
- 5.2 The Buyer shall have an option to extend the Termination Assistance Period beyond the initial period specified in the Termination Assistance Notice in one or more extensions, in each case provided that:
- 5.2.1 no such extension shall extend the Termination Assistance Period beyond the date eighteen (18) Months after the End Date; and
 - 5.2.2 the Buyer shall notify the Supplier of any such extension by serving not less than twenty (20) Working Days' written notice upon the Supplier.
- 5.3 The Buyer shall have the right to terminate its requirement for Termination Assistance by serving not less than (20) Working Days' written notice upon the Supplier.
- 5.4 In the event that Termination Assistance is required by the Buyer but at the relevant time the parties are still agreeing an update to the Exit Plan pursuant to Paragraph 4, the Supplier will provide the Termination Assistance in good faith and in accordance with the principles in this Schedule and the last Buyer approved version of the Exit Plan (insofar as it still applies).

6. Termination Assistance Period

- 6.1 Throughout the Termination Assistance Period the Supplier shall:
 - 6.1.1 continue to provide the Deliverables (as applicable) and otherwise perform its obligations under this Contract and, if required by the Buyer, provide the Termination Assistance;
 - 6.1.2 provide to the Buyer and/or its Replacement Supplier any reasonable assistance and/or access requested by the Buyer and/or its Replacement Supplier including assistance and/or access to facilitate the orderly transfer of responsibility for and conduct of the Deliverables to the Buyer and/or its Replacement Supplier;
 - 6.1.3 use all reasonable endeavours to reallocate resources to provide such assistance without additional costs to the Buyer;
 - 6.1.4 subject to Paragraph 6.3, provide the Deliverables and the Termination Assistance at no detriment to the Service Levels, the provision of the Management Information or any other reports nor to any other of the Supplier's obligations under this Contract;
 - 6.1.5 at the Buyer's request and on reasonable notice, deliver up-to-date contents of the Virtual Library to the Buyer; and
 - 6.1.6 seek the Buyer's prior written consent to access any Buyer Premises from which the de-installation or removal of Supplier Assets is required.
- 6.2 If it is not possible for the Supplier to reallocate resources to provide such assistance as is referred to in Paragraph 6.1.2 without additional costs to the Buyer, any additional costs incurred by the Supplier in providing such reasonable assistance shall be subject to the Variation Procedure.
- 6.3 If the Supplier demonstrates to the Buyer's reasonable satisfaction that the provision of the Termination Assistance will have a material, unavoidable adverse effect on the Supplier's ability to meet one or more particular Service Levels, the Parties shall vary the relevant Service Levels and/or the applicable Service Credits accordingly.

7. Obligations when the contract is terminated

- 7.1 The Supplier shall comply with all of its obligations contained in the Exit Plan.
- 7.2 Upon termination or expiry or at the end of the Termination Assistance Period (or earlier if this does not adversely affect the Supplier's performance of the Deliverables and the Termination Assistance), the Supplier shall:
 - 7.2.1 cease to use the Government Data;
 - 7.2.2 vacate any Buyer Premises;
 - 7.2.3 remove the Supplier Equipment together with any other materials used by the Supplier to supply the Deliverables and shall leave the Sites in a clean, safe and tidy condition. The Supplier is solely responsible for making good any damage to the Sites or any objects

contained thereon, other than fair wear and tear, which is caused by the Supplier;

7.2.4 provide access during normal working hours to the Buyer and/or the Replacement Supplier for up to twelve (12) Months after expiry or termination to:

- (a) such information relating to the Deliverables as remains in the possession or control of the Supplier; and
- (b) such members of the Supplier Staff as have been involved in the design, development and provision of the Deliverables and who are still employed by the Supplier, provided that the Buyer and/or the Replacement Supplier shall pay the reasonable costs of the Supplier actually incurred in responding to such requests for access.

7.3 Upon partial termination, termination or expiry (as the case may be) or at the end of the Termination Assistance Period (or earlier if this does not adversely affect the Supplier's performance of the Services and the Termination Assistance and its compliance with the other provisions of this Schedule), each Party shall return to the other Party (or if requested, destroy or delete) all Confidential Information of the other Party in respect of the terminated Services and shall certify that it does not retain the other Party's Confidential Information save to the extent (and for the limited period) that such information needs to be retained by the Party in question for the purposes of providing or receiving any Services or Termination Assistance or for statutory compliance purposes.

8. Assets, Sub-contracts and Software

8.1 Following notice of termination of this Contract and during the Termination Assistance Period, the Supplier shall not, without the Buyer's prior written consent:

- 8.1.1 terminate, enter into or vary any Sub-contract or licence for any software in connection with the Deliverables; or
- 8.1.2 (subject to normal maintenance requirements) make material modifications to, or dispose of, any existing Supplier Assets or acquire any new Supplier Assets.

8.2 Within twenty (20) Working Days of receipt of the up-to-date contents of the Virtual Library provided by the Supplier, the Buyer shall notify the Supplier setting out:

8.2.1 which, if any, of the Transferable Assets the Buyer requires to be transferred to the Buyer and/or the Replacement Supplier ("**Transferring Assets**");

8.2.2 which, if any, of:

- (a) the Exclusive Assets that are not Transferable Assets; and
- (b) the Non-Exclusive Assets,

the Buyer and/or the Replacement Supplier requires the continued use of; and

- 8.2.3 which, if any, of Transferable Contracts the Buyer requires to be assigned or novated to the Buyer and/or the Replacement Supplier (the "**Transferring Contracts**"), in order for the Buyer and/or its Replacement Supplier to provide the Deliverables from the expiry of the Termination Assistance Period. The Supplier shall provide all reasonable assistance required by the Buyer and/or its Replacement Supplier to enable it to determine which Transferable Assets and Transferable Contracts are required to provide the Deliverables or the Replacement Goods and/or Replacement Services. Where requested by the Supplier, the Buyer and/or its Replacement Supplier shall discuss in good faith with the Supplier which Transferable Contracts are used by the Supplier in matters unconnected to the Services or Replacement Services.
- 8.3 With effect from the expiry of the Termination Assistance Period, the Supplier shall sell the Transferring Assets to the Buyer and/or the Replacement Supplier for their Net Book Value less any amount already paid for them through the Charges.
- 8.4 Risk in the Transferring Assets shall pass to the Buyer or the Replacement Supplier (as appropriate) at the end of the Termination Assistance Period and title shall pass on payment for them.
- 8.5 Where the Buyer and/or the Replacement Supplier requires continued use of any Exclusive Assets that are not Transferable Assets or any Non-Exclusive Assets, the Supplier shall as soon as reasonably practicable:
 - 8.5.1 procure a non-exclusive, perpetual, royalty-free licence for the Buyer and/or the Replacement Supplier to use such assets (with a right of sub-licence or assignment on the same terms); or failing which
 - 8.5.2 procure a suitable alternative to such assets, the Buyer or the Replacement Supplier to bear the reasonable proven costs of procuring the same.
- 8.6 The Supplier shall as soon as reasonably practicable assign or procure the novation of the Transferring Contracts to the Buyer and/or the Replacement Supplier. The Supplier shall execute such documents and provide such other assistance as the Buyer reasonably requires to effect this novation or assignment.
- 8.7 The Buyer shall:
 - 8.7.1 accept assignments from the Supplier or join with the Supplier in procuring a novation of each Transferring Contract; and
 - 8.7.2 once a Transferring Contract is novated or assigned to the Buyer and/or the Replacement Supplier, discharge all the obligations and liabilities created by or arising under that Transferring Contract and exercise its rights arising under that Transferring Contract, or as applicable, procure that the Replacement Supplier does the same.
- 8.8 The Supplier shall hold any Transferring Contracts on trust for the Buyer until the transfer of the relevant Transferring Contract to the Buyer and/or the Replacement Supplier has taken place.

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8.9 The Supplier shall indemnify the Buyer (and/or the Replacement Supplier, as applicable) against each loss, liability and cost arising out of any claims made by a counterparty to a Transferring Contract which is assigned or novated to the Buyer (and/or Replacement Supplier) pursuant to Paragraph 8.6 in relation to any matters arising prior to the date of assignment or novation of such Transferring Contract. Clause 23 (Other people's rights in this contract) shall not apply to this Paragraph 8.9 which is intended to be enforceable by third party beneficiaries by virtue of the CRTPA.

9. No charges

Unless otherwise stated, the Buyer shall not be obliged to pay for costs incurred by the Supplier in relation to its compliance with this Schedule.

10. Dividing the bills

All outgoings, expenses, rents, royalties and other periodical payments receivable in respect of the Transferring Assets and Transferring Contracts shall be apportioned between the Buyer and/or the Replacement and the Supplier as follows:

- 10.1 the amounts shall be annualised and divided by three hundred and sixty five (365) to reach a daily rate;
- 10.2 the Buyer or Replacement Supplier (as applicable) shall be responsible for or entitled to (as the case may be) that part of the value of the invoice pro rata to the number of complete days following the transfer, multiplied by the daily rate; and
- 10.3 the Supplier shall be responsible for or entitled to (as the case may be) the rest of the invoice.

Annex 1: Scope of Termination Assistance

1. Scope of Termination Assistance

- 1.1 The Buyer may specify that any of the following services will be provided by the Supplier as part of its Termination Assistance:
 - 1.1.1 notifying the Subcontractors of procedures to be followed during the Termination Assistance Period and providing management to ensure these procedures are followed;
 - 1.1.2 providing assistance and expertise as necessary to examine all operational and business processes (including all supporting documentation) in place and re-writing and implementing processes and procedures such that they are appropriate for use by the Buyer and/or the Replacement Supplier after the end of the Termination Assistance Period;
 - 1.1.3 providing details of work volumes and staffing requirements over the twelve (12) Months immediately prior to the commencement of Termination Assistance;
 - 1.1.4 providing assistance and expertise as necessary to examine all governance and reports in place for the provision of the Deliverables and re-writing and implementing these during and for a period of twelve (12) Months after the Termination Assistance Period;
 - 1.1.5 providing assistance and expertise as necessary to examine all relevant roles and responsibilities in place for the provision of the Deliverables and re-writing and implementing these such that they are appropriate for the continuation of provision of the Deliverables after the Termination Assistance Period;
 - 1.1.6 agreeing with the Buyer an effective communication strategy and joint communications plan which sets out the implications for Supplier Staff, Buyer staff, customers and key stakeholders;
 - 1.1.7 agreeing with the Buyer a handover plan for all of the Supplier's responsibilities as set out in the Security Management Plan;
 - 1.1.8 providing an information pack listing and describing the Deliverables for use by the Buyer in the procurement of the Replacement Deliverables;
 - 1.1.9 answering all reasonable questions from the Buyer and/or the Replacement Supplier regarding the Deliverables;
 - 1.1.10 agreeing with the Buyer and/or the Replacement Supplier a plan for the migration of the Government Data to the Buyer and/or the Replacement Supplier;
 - 1.1.11 providing access to the Buyer and/or the Replacement Supplier during the Termination Assistance Period and for a period not exceeding six (6) Months afterwards for the purpose of the smooth

transfer of the provision of the Deliverables to the Buyer and/or the Replacement Supplier:

- (a) to information and documentation relating to the Deliverables that is in the possession or control of the Supplier or its Subcontractors (and the Supplier agrees and will procure that its Subcontractors do not destroy or dispose of that information within this period) including the right to take reasonable copies of that material; and
- (b) following reasonable notice and during the Supplier's normal business hours, to members of the Supplier Staff who have been involved in the provision or management of the provision of the Deliverables and who are still employed or engaged by the Supplier or its Subcontractors, including those employees filling the relevant Key Staff positions and Key Staff with specific knowledge in respect of the Exit Plan;

1.1.12 knowledge transfer services, including:

- (a) making available to the Buyer and/or the Replacement Supplier expertise to analyse training requirements and provide all necessary training for the use of tools by such staff at the time of termination or expiry as are nominated by the Buyer and/or the Replacement Supplier (acting reasonably);
- (b) transferring all training material and providing appropriate training to those Buyer and/or Replacement Supplier staff responsible for internal training in connection with the provision of the Deliverables;
- (c) providing as early as possible for transfer to the Buyer and/or the Replacement Supplier of all knowledge reasonably required for the provision of the Deliverables which may, as appropriate, include information, records and documents;
- (d) providing the Supplier and/or the Replacement Supplier with access to sufficient numbers of the members of the Supplier Staff or Subcontractors' personnel of suitable experience and skill and as have been involved in the design, development, provision or management of provision of the Deliverables and who are still employed or engaged by the Supplier or its Subcontractors; and
- (e) allowing the Buyer and/or the Replacement Supplier to work alongside and observe the performance of the Services by the Supplier at its Sites used to fulfil the Services (subject to compliance by the Buyer and the Replacement Supplier with any applicable security and/or health and safety restrictions,

and any such person who is provided with knowledge transfer services will sign a confidentiality undertaking in favour of the Supplier (in such form as the Supplier shall reasonably require)).

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1.2 The Supplier will:

- 1.2.1 provide a documented plan relating to the training matters referred to in Paragraph 1.1.12 for agreement by the Buyer at the time of termination or expiry of this Contract; and
- 1.2.2 co-operate fully in the execution of the handover plan agreed pursuant to Paragraph 1.1.7, providing skills and expertise of a suitable standard.

1.3 To facilitate the transfer of knowledge from the Supplier to the Buyer and/or its Replacement Supplier, the Supplier shall provide a detailed explanation of the procedures and operations used to provide the Services to the operations staff of the Buyer and/or the Replacement Supplier.

1.4 The information which the Supplier will provide to the Buyer and/or the Replacement Supplier pursuant to Paragraph 1.1.11 shall include:

- 1.4.1 copies of up-to-date procedures and operations manuals;
- 1.4.2 product information;
- 1.4.3 agreements with third party suppliers of goods and services which are to be transferred to the Buyer and/or the Replacement Supplier; and
- 1.4.4 key support contact details for third party supplier personnel under contracts which are to be assigned or novated to the Buyer pursuant to this Schedule,

and such information shall be updated by the Supplier at the end of the Termination Assistance Period.

1.5 During the Termination Assistance Period the Supplier shall grant any agent or personnel (including employees, consultants and suppliers) of the Replacement Supplier and/or the Buyer access, during business hours and upon reasonable prior written notice, to any Sites for the purpose of effecting a prompt knowledge transfer provided that:

- 1.5.1 any such agent or personnel (including employees, consultants and suppliers) having such access to any Sites shall:
 - (a) sign a confidentiality undertaking in favour of the Supplier (in such form as the Supplier shall reasonably require); and
 - (b) during each period of access comply with the security, systems and facilities operating procedures of the Supplier relevant to such Site and that the Buyer deems reasonable; and
- 1.5.2 the Buyer and/or the Replacement Supplier shall pay the reasonable, proven and proper costs of the Supplier incurred in facilitating such access.

Schedule 36 (Intellectual Property Rights)

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Part A: Intellectual Property Rights (no ICT Services)

Option 1

1. General Provisions and Ownership of IPR

- 1.1. Any New IPR created under this Contract is owned by the Buyer.
- 1.2. Each Party keeps ownership of its own Existing IPR.
- 1.3. Where either Party acquires, by operation of law, ownership of Intellectual Property Rights that is inconsistent with Paragraphs 1.1 and 1.2, it must assign in writing the Intellectual Property Rights concerned to the other Party on the other Party's request (whenever made).
- 1.4. Neither Party has the right to use the other Party's IPR, including any use of the other Party's names, logos or trademarks, except as expressly granted elsewhere under this Contract or otherwise agreed in writing.
- 1.5. Except as expressly granted elsewhere under this Contract, neither Party acquires any right, title or interest in or to the IPR owned by the other Party or any third party.
- 1.6. Unless otherwise agreed in writing, the Supplier and the Buyer will record any New IPR in the table at Annex 1 to this Schedule and keep this updated throughout the Contract Period.
- 1.7. If the Supplier becomes aware at any time, including after the earlier of the End Date or date of termination, that, in respect of any Deliverable, the Buyer has not received the licences to Supplier Existing IPRs or Third Party IPRs required by Paragraphs 2 and 4, the Supplier must, within 10 Working Days notify the Buyer:
 - 1.7.1. the specific Intellectual Property Rights the Buyer has not received licences to; and
 - 1.7.2. the Deliverables affected.
- 1.8. For the avoidance of doubt:
 - 1.8.1. except as provided for in Paragraphs 2.3.2.2(c)(1) or 4.1.2.2 and 4.1.2.3, the expiry or termination of this Contract does not of itself terminate the licences granted to the Buyer under Paragraphs 2 and 4;

1.8.2. the award of this Contract or the ordering of any Deliverables does not constitute an authorisation by the Crown under:

1.8.2.1. sections 55 and 56 of the Patents Act 1977;

1.8.2.2. section 12 of the Registered Designs Act 1949; or

1.8.2.3. sections 240 to 243 of the Copyright, Designs and Patents Act 1988.

2. Licences in respect of Supplier Existing IPR

2.1. The Supplier grants the Buyer a Supplier Existing IPR Licence on the terms set out in Paragraph 2.3 in respect of each Deliverable where:

2.1.1. the Supplier Existing IPR is embedded in the Deliverable;

2.1.2. the Supplier Existing IPR is necessary for the Buyer to use the Deliverable for its intended purpose; or

2.1.3. the Deliverable is a customisation or adaptation of Supplier Existing IPR.

2.2. The categories of Supplier Existing IPR described in Paragraph 2.1 are mutually exclusive.

2.3. The Supplier Existing IPR Licence granted by the Supplier to the Buyer is a non-exclusive, perpetual, royalty-free, irrevocable, transferable, sub-licensable, worldwide licence that:

2.3.1. in the case of Supplier Existing IPR embedded in a Deliverable:

2.3.1.1. has no restriction on the identity of any transferee or sub-licensee;

2.3.1.2. allows the Buyer and any transferee or sub-licensee to use, copy and adapt the Supplier Existing IPR for any of the purposes set out in Paragraph 2.4; and

2.3.1.3. is subject to the restriction that no sub-licence granted to the Supplier Existing IPR shall purport to provide the sub-licensee with any wider rights than those granted to the Buyer under this Paragraph;

2.3.2. in the case of Supplier Existing IPR that is necessary for the Buyer to use the Deliverable for its intended purpose or has been customised or adapted to provide the Deliverable:

2.3.2.1. allows the Buyer and any transferee or sublicensee to use and copy, but not adapt, disassemble or reverse engineer

the relevant Supplier Existing IPRs for any of the purposes set out in Paragraph 2.4;

2.3.2.2. is transferrable to only:

- (a) a Crown Body;
- (b) any body (including any private sector body) that performs or carries out any of the functions or activities that the Buyer had previously performed or carried out; or
- (c) a person or organisation that is not a direct competitor of the Supplier and that transferee either:
 - (1) enters into a direct arrangement with the Supplier in the form set out in Annex 2; or
 - (2) enters into a confidentiality arrangement with the Buyer in terms equivalent to those set out in set out in Clause 19 (What you must keep confidential);

2.3.2.3. is sub-licensable to the Replacement Supplier (including where the Replacement Supplier is a competitor of the Supplier) where the Replacement Supplier either:

- (a) enters into a direct arrangement with the Supplier in the form set out in Annex 2; or
- (b) enters into a confidentiality arrangement with the Buyer in terms equivalent to those set out in set out in Clause 19 (What you must keep confidential); and

2.3.2.4. is subject to the restriction that no sub-licence granted to the Supplier Existing IPR shall purport to provide the sub- licensee with any wider rights than those granted to the Buyer under this Paragraph.

2.4. For the purposes of Paragraph 2.3, the relevant purposes are:

- 2.4.1. to allow the Buyer or any End User to receive and use the Deliverables;
- 2.4.2. to allow the Buyer to commercially exploit (including by publication under Open Licence) the New IPR and New IPR Items; and
- 2.4.3. for any purpose relating to the exercise of the Buyer's (or, if the Buyer is a Public Sector Body, any other Public Sector Body's) business or function.

3. Licences granted by the Buyer

- 3.1. The Buyer grants the Supplier a licence to the New IPR and Buyer Existing IPR that:
 - 3.1.1. is non-exclusive, royalty-free and non-transferable;
 - 3.1.2. is sub-licensable to any Sub-contractor where:
 - 3.1.2.1. the Sub-contractor enters into a confidentiality undertaking with the Supplier on the same terms as set out in Clause 19 (What you must keep confidential); and
 - 3.1.2.2. the sub-licence does not purport to provide the sub-licensee with any wider rights than those granted to the Supplier under this Paragraph;
 - 3.1.3. allows the Supplier and any sub-licensee to use, copy and adapt any Buyer Existing IPR and New IPR for the purpose of fulfilling its obligations under this Contract; and
 - 3.1.4. terminates at the end of the Contract Period or the end of any Termination Assistance Period, whichever is the later.
- 3.2. When the licence granted under Paragraph 3.1 terminates, the Supplier must, and must ensure that each Sub-contractor granted a sub-licence under Paragraph 3.1.2:
 - 3.2.1. immediately cease all use of the Buyer Existing IPR and New IPR (including the Government Data within which the Buyer Existing IPR or New IPR may subsist);
 - 3.2.2. either:
 - 3.2.2.1. at the discretion of the Buyer, return or destroy documents and other tangible materials that contain any of the Buyer Existing IPR, New IPR and the Government Data; or
 - 3.2.2.2. if the Buyer has not made an election within six months of the termination of the licence, destroy the documents and other tangible materials that contain any of the Buyer Existing IPR, the New IPR and the Government Data (as the case may be); and
 - 3.2.3. ensure, so far as reasonably practicable, that any Buyer Existing IPR, New IPR and Government Data held in electronic, digital or other machine-readable form ceases to be readily accessible from any computer, word processor, voicemail system or any other device of the Supplier.

4. Licences in respect of Third-party IPR

4.1. The Supplier shall not use in the delivery of the Deliverables any Third Party IPR unless:

4.1.1. Approval is granted by the Buyer; and

4.1.2. one of the following conditions is met:

4.1.2.1. the owner or an authorised licensor of the relevant Third Party IPR has granted a direct Third Party IPR Licence on the terms set out in Paragraph 4.2;

4.1.2.2. if the Supplier cannot, after commercially reasonable endeavours, obtain for the Buyer a Third Party IPR licence as set out in Paragraph 4.1.2.1, all the following conditions are met:

(a) the Supplier has notified the Buyer in writing giving details of:

(1) what licence terms can be obtained from the relevant third party; and

(2) whether there are providers which the Supplier could seek to use and the licence terms obtainable from those third parties;

(b) the Buyer has agreed to accept the licence terms of one of those third parties; and

(c) the owner and authorised licensor of the Third Party IPR has granted a direct licence of the Third Party IPR to the Buyer on those terms; or

4.1.2.3. the Buyer has provided authorisation to the use of the Third Party IPR in writing, with reference to the acts authorised and the specific IPR involved.

4.2. The Third Party IPR licence referred to in Paragraph 4.1 is the licence set out in Paragraph 2.3 as if:

4.2.1. the term Third Party IPR were substituted for the term Supplier Existing IPR; and

4.2.2. the term third party were substituted for the term Supplier, in each place they occur.

5. Open Licence Publication

- 5.1. Subject to Paragraph 5.5, the Supplier agrees that the Buyer may at its sole discretion publish under Open Licence all or part of the New IPR Items.
- 5.2. The Supplier warrants that:
 - 5.2.1. the New IPR Items are suitable for release under Open Licence;
 - 5.2.2. in developing the New IPR is has used reasonable endeavours to ensure that:
 - 5.2.2.1. the publication by the Buyer will not:
 - (a) allow a third party to use them in any way that could reasonably be foreseen to compromise the operation or security of the New IPRs;
 - (b) cause any harm or damage to any party using them; or
 - (c) breach the rights of any third party;
 - 5.2.2.2. they do not contain any material which would bring the Buyer into disrepute if published.
- 5.3. The Supplier must not include in the New IPR provided for publication by Open Licence any Supplier Existing IPRs unless the Supplier consents to:
 - 5.3.1. their publication by the Buyer under Open Licence; and
 - 5.3.2. their subsequent licence and treatment as Open Licence under the terms of the licence chosen by the Buyer.
- 5.4. The Supplier must supply any or all New IPR Items in a format (whether it is provided in any other format or not) suitable for publication under an Open Licence (the **Open Licence Publication Material**) within thirty (30) Working Days of written request from the Buyer (**Buyer Open Licence Request**).
- 5.5. The Supplier may within fifteen (15) Working Days of Buyer Open Licence Request under Paragraph 5.4 request in writing that the Buyer excludes all or part of:
 - 5.5.1. the New IPR Items; or
 - 5.5.2. Supplier Existing IPR or Third Party IPR that would otherwise be included in the Open Licence Publication Material supplied to the Buyer pursuant to Paragraph 5.4,

from Open Licence publication.

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- 5.6. The Supplier's request under Paragraph 5.5 must include the Supplier's assessment of the impact the Buyer's agreeing to the request would have on its ability to publish other New IPR Items under an Open Licence.
- 5.7. Any decision to Approve any such request from the Supplier under Paragraph 5.5 shall be at the Buyer's sole discretion, not to be unreasonably withheld or delayed, or made subject to unreasonable conditions.

6. Patents

- 6.1. Where a patent owned by the Supplier is infringed by the use of the New IPR by the Buyer or any Replacement Supplier, the Supplier hereby grants to the Buyer and the Replacement Supplier a non-exclusive, irrevocable, royalty-free, worldwide patent licence to use the infringing methods,

REDACTED UNDER FOIA SECTION 40, PERSONAL INFORMATION

