



Department  
for Environment  
Food & Rural Affairs

# Conditions of Contract Short Form Enhanced

**Lichfield Groundwater Model - recalibration and update**

Document version October 2021

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Stantec UK Ltd  
Stantec House  
Kelburn Ct  
Warrington  
WA3 6UT

Attn: [REDACTED]

Date: 28/11/2023  
Our ref: **C20943**

Dear [REDACTED]

**Supply of Lichfield Groundwater Model - recalibration and update**

Following your tender/ proposal for the supply of Lichfield Groundwater Model - recalibration and update to the Environment Agency, we are pleased confirm our intention to award this contract to you.

The attached contract details ("**Order Form**"), contract conditions and the **Annexes** set out the terms of the contract between the Environment Agency (EA) for the provision of the deliverables set out in the Order Form.


We thank you for your co-operation to date and look forward to forging a successful working relationship resulting in a smooth and successful delivery of the deliverables. Please confirm your acceptance of the Conditions by signing and returning the Order Form to Nina Brittain, Category Officer, Defra Group Commercial, at the above address within **7** days from the date of this letter, which will create a binding contract between us. No other form of acknowledgement will be accepted. Please remember to include the reference number above in any future communications relating to this contract.




We will then arrange for the Order Form to be countersigned so that you have a signed copy of the Order Form for your records.

Yours faithfully,

[REDACTED]

## Order Form

<b>1. Contract Reference</b>	C20943	
<b>2. Date</b>	28 November 2023	
<b>3. Authority</b>	Environment Agency PO Box 544 Rotherham S60 1BY United Kingdom	
<b>4. Supplier</b>	<b>Stantec UK Ltd</b> Buckingham Court, Kingsmead Business Park, Frederick Place, London Road, High Wycombe, Bucks, HP1 1JU 01188070 www.stantec.com	
<b>4a. Supplier Account Details</b>		
<b>5. The Contract</b>	<p>The Supplier shall supply the Deliverables described below on the terms set out in this Order Form and the attached contract conditions ("<b>Conditions</b>") and any <b>Annexes</b>.</p> <p>Unless the context otherwise requires, capitalised expressions used in this Order Form have the same meanings as in Conditions.</p> <p>In the event of any inconsistency between the provisions of the Order Form, the Conditions and the Annexes, the inconsistency shall be resolved by giving precedence in the following order:</p> <ol style="list-style-type: none"> <li>1. Order Form, Annex 2 (<i>Specification</i>) and Annex 3 (<i>Charges</i>) with equal priority.</li> <li>2. Conditions and Annex 1 (<i>Authorised Processing Template</i>) with equal priority.</li> <li>3. Annexes 4 (<i>Tender Submission</i>) and 5 (<i>Sustainability</i>).</li> </ol> <p>In the event of any inconsistency between the provisions of Annexes 4 and 5, Annex 5 shall take precedence over Annex 4.</p> <p><b>Please do not attach any Supplier terms and conditions to this Order Form as they will not be accepted by the Authority and may delay conclusion of the Contract.</b></p>	
<b>6. Deliverables</b>	<b>Goods</b>	N/A
	<b>Services</b>	To be performed at the Supplier's premises and or a third party's premises: Stantec House Kelburn Ct Warrington WA3 6UT

<b>7. Specification</b>	The specification of the Deliverables is as set out in Annex 2.
<b>8. Term</b>	<p>The Term shall commence on 30<sup>th</sup> November 2023 (the <b>Start Date</b>)</p> <p>and the Expiry Date shall be 31<sup>st</sup> March 2024, unless it is otherwise extended or terminated in accordance with the terms and conditions of the Contract.</p> <p>The Authority may extend the Contract for a period of up to 3 months' by giving not less than 1 months' notice in writing to the Supplier prior to the Expiry Date. The terms and conditions of the Contract shall apply throughout any such extended period.</p>
<b>9. Charges</b>	The Charges for the Deliverables shall be as set out in Annex 3.
<b>10. Payment</b>	<p>The Authority's preference is for all invoices to be sent electronically, quoting a valid Purchase Order Number (PO Number), to:</p> <p></p> <p>Alternatively, you may post to:</p> <p>EA SSCL (Environment Agency) PO Box 797 Newport Gwent NP10 8FZ</p> <p>Within 10 Working Days of receipt of your countersigned copy of this Order Form, we will send you a unique PO Number. You 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 with Annex 3 Non-compliant invoices will 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 the Authority's Authorised Representative(s).</p>
<b>11. Authority Authorised Representative(s)</b>	<p>For general liaison your contact will continue to be</p> <p></p> <p>or, in their absence,</p> <p></p>

<b>12. Address for notices</b>	<b>Authority</b> DEFRA Nobel House 17 Smith Square London SW1P 3JR [REDACTED]	<b>Supplier</b> Stantec UK Ltd Stantec House Kelburn Ct Warrington WA3 6UT [REDACTED]
<b>13. Key Personnel</b>	<b>Authority</b>  DEFRA Seacole Building 2 Marsham Street London SW1P 4DF United Kingdom Attention Project Manager: [REDACTED]	<b>Supplier</b>  Stantec UK Ltd Stantec House Kelburn Ct Warrington WA3 6UT [REDACTED]
<b>14. Procedures and Policies</b>	<p>For the purposes of the Contract the details of procurement relevant procedures and policies are outlined in these terms and conditions.</p> <p>For the avoidance of doubt, if other policies of the Authority are referenced in the Conditions and Annexes, those policies will also apply to the Contract on the basis described therein.</p> <p>The Authority may require the Supplier to ensure that any person employed in the delivery of the Deliverables has undertaken a Disclosure and Barring Service check. The Supplier shall ensure that no person who discloses that they have a conviction that is relevant to the nature of the Contract, relevant to the work of the Authority, or is of a type otherwise advised by the Authority (each such conviction a "Relevant Conviction"), or is found by the Supplier to have a Relevant Conviction (whether as a result of a police check, a Disclosure and Barring Service check or otherwise) is employed or engaged in the provision of any part of the Deliverables.</p>	
<b>15. Limitation of Liabilities</b>	<i>In accordance with Clause 12.1.</i>	

**16. Insurance**

The Supplier shall hold the following insurance cover from the commencement date for the duration of the Contract and continuing 3 years after the Expiry Date in accordance with this Order Form.

- Professional Indemnity insurance;
- Public Liability insurance with cover (for a single event or multiple with an aggregate) of not less than £1,000,000.00 (one million pounds);
- Employers Liability insurance with cover (for a single event or multiple with an aggregate) of not less than £1,000,000.00 (one million pounds);

## Annex 1 – Authorised Processing Template

<b>Contract:</b>	<b>Lichfield Groundwater Model - recalibration and update</b>
<b>Date:</b>	28/11/2023
<b>Description Of Authorised Processing</b>	<b>Details</b>
Subject matter of the processing	Lichfield Groundwater Model - recalibration and update project
Duration of the processing	30/11/2023 – 31/03/2024
Nature and purposes of the processing	<p><i>The nature of the processing means any operation such as 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 (whether or not by automated means) etc.</i></p> <p><i>The purpose might include: employment processing, statutory obligation, recruitment assessment etc.</i></p> <p>There will not be any personal data collected throughout the duration of this project.</p>
Type of Personal Data	None collected.
Categories of Data Subject	None collected.



## Annex 2 – Specification

### Lichfield Groundwater Model - recalibration and update

#### 1. Introduction

The Lichfield Permo-Triassic Sandstone aquifer is a regionally significant groundwater resource providing public water supply to areas of south and central Staffordshire. The aquifer is also an important source of baseflow to several tributaries of the River Trent.

The Lichfield groundwater model was developed for the Environment Agency during the period 2005-2008. The main purpose of this model was to increase the ability of the Agency to make abstraction licensing decisions on a sound scientific basis and, in doing so, protect and/or enhance sensitive surface water features on the outcrop of the Lichfield Permo-Triassic Sandstone aquifer. In 2012 the simulation period was extended up to March 2011. Subsequently, the model was recalibrated and the ability to simulate distributed runoff and total stream flows were added with the help of 4R code in 2013.

The main tasks of the current project will be to further extend simulation period up to the end of March 2023, complete various model refinements and improve model calibration and credibility. Moreover, the model will be migrated to Modflow 6. Finally, a set of standard and predictive scenarios will be completed using the refined and updated historical baseline. The updated model will be also used to delineate Source Protection Zones (SPZs) for a number of public water supply sources.

#### 2. Project

The regional groundwater model will be updated and refined using a phased approach. It should be noted that the following definitions are used throughout this document:

Project – This refers to the programme of work to update and refine Lichfield groundwater model.

Task – This refers to a specific part of the Project. All the Tasks of the Project are listed below:

- Task 1      Review of the current model and conversion to Modflow 6
- Task 2      Time Series data update
- Task 3      Model refinements
- Task 4      Standard and predictive scenarios
- Task 5      Delineation of source protection zones (SPZs)
- Task 6      Calculating Natural Summer Outflows for the Lichfield Permo-Triassic Sandstone aquifer
- Task 7      Reporting, Model Map and project data transfer
- Task 8      National Groundwater Modelling System (NGMS) configuration – **Task removed from final scope.**

The specification does not address any other Tasks of this project.

The Consultant will be expected to undertake the work as outlined in Section 3. To ensure that the work is completed to a sufficiently high standard, the Task work will be monitored by a Task Review Team, which will consist of the following people:

- Project Manager - Groundwater Modelling Specialist - Environment Agency
- Area Technical Specialist - Groundwater - Environment Agency
- South Staffordshire Water Ltd
- TBC - External Peer Reviewer

The principal Environment Agency contact for the Consultant will be the Project Manager to deal with day-to-day contractual matters and data requests.

Project meetings will form the principal method of project review and the Consultant should produce formal minutes for approval by the Project Review Team within three working days of the meeting. Up to four Project meetings (including the project start-up meeting) will be held involving the full Task Review Team. The meetings will be organized as online calls using MS Teams. Except for the meetings, the Consultant should circulate an email with a summary of project progress which includes tasks completion and financial status every two weeks.

#### Project area

The extent of Lichfield model area is shown in Figure 1. The model area lies between northings 289,000 and 318,000 and between eastings 405,000 and 423,000 and covers approximately 450km<sup>2</sup>. The western limit is defined by the edge of the Permo-Triassic Sandstone outcrop, where Carboniferous strata abut against the aquifer. The southern boundary is defined by the River Tame. The northern and eastern boundaries are loosely defined at the point at which boundary effects in the confined Permo-Triassic Sandstone aquifer are not considered to influence the unconfined aquifer. The model comprises three Groundwater Management Units: Lichfield GWMU, Shenstone GWMU and Sutton GWMU.

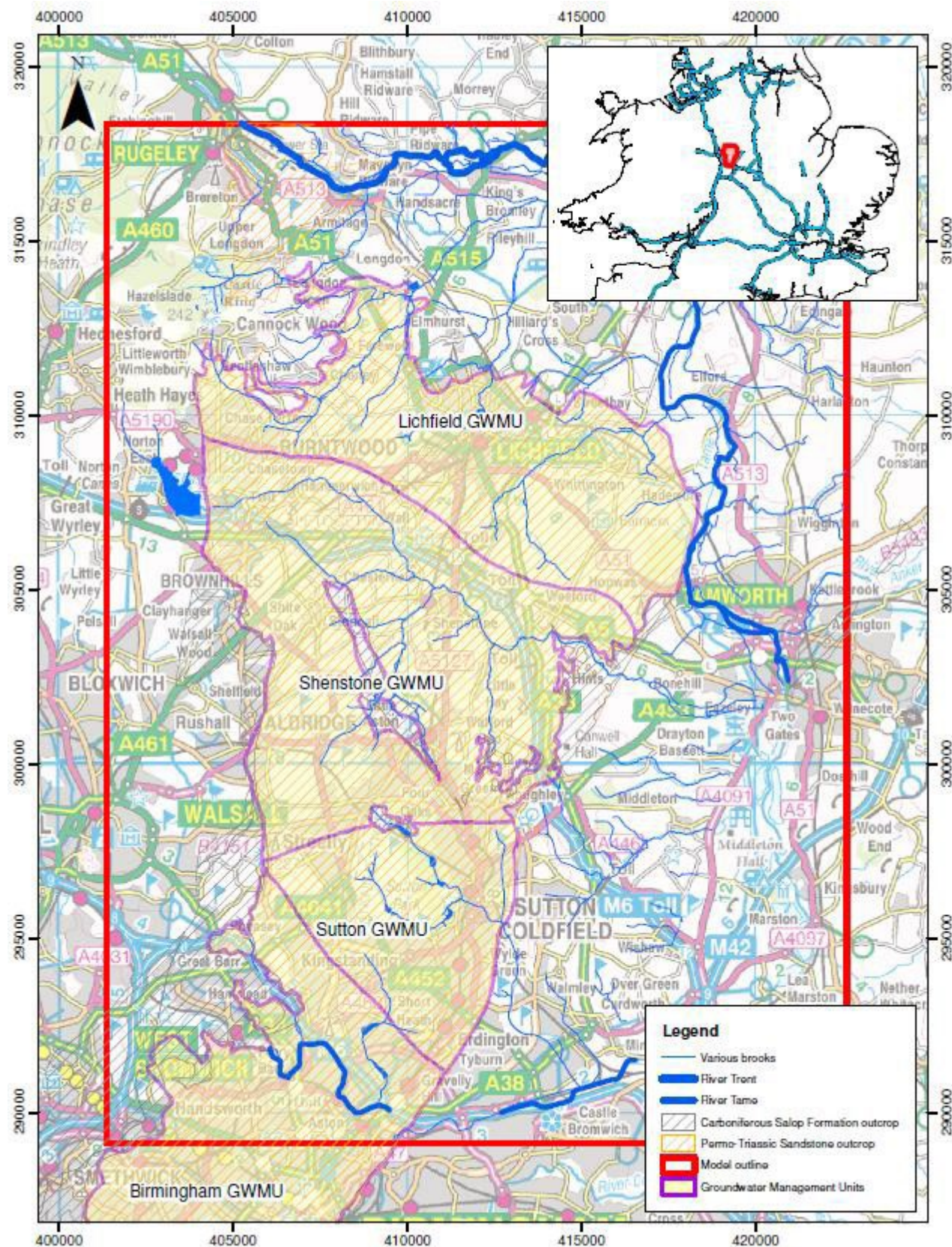


Figure 1 Project Area



## Environment Agency Project Timescale

The Environment Agency Project Manager expects the work will start within two weeks from the date of signing the contract. The Consultant's Project Manager and principal technical expert should be available for the start-up meeting in that week. All the project work will need to be completed by the end of March 2024.

### 3. Task specification

#### Task 1 Review of the current model and conversion to Modflow 6

The current model should be reviewed to identify possible errors and implement corrections before further processing. The following issues have been already identified when reviewing the latest historical baseline:

- an error in the application of MOSES PE time series was discovered. A single PE time series is used in the 4R model from January 1970 to March 2011. This time series is applied incorrectly in the simulation from January 1969. This means that PE daily rates are applied with one year offset and in the last simulated year from April 2010 to March 2011 constant PE rate from 31/03/2011 is applied.
- Stream bed bottom elevations of two stream reaches are currently below the bottom elevation of containing cell. Such set up is not correct and will prevent Modflow 6 from running. Therefore, these elevations or elevations of model cells should be adjusted.
- The Hanch Tunnel is represented by means of stream reaches in the current model. There is a discrepancy in stream bed conductance value which is specified as 150m<sup>2</sup>/d in the report but the value in the model input file (.STR) is 200m<sup>2</sup>/d.

Other model input datasets should be reviewed by the Contractor to make sure that parameters used in the 4R and Modflow models are as reported and that the model set up allows for a conversion to Modflow 6.

The current MODFLOW96-VKD historical scenario should be rerun after implementing required corrections and this run will form the baseline for further model development. Subsequently, the new historical baseline should be run with climatic datasets that are going to be used in the updated model, these datasets are HadUK (rainfall) and EA PET (potential evapotranspiration). The comparison of old and new climatic datasets and the respective model results will guide further model refinements and recalibration that will be completed under Task 3.

Finally, the model will be converted to its Modflow 6 equivalent. This will require setting a new 4R run which will generate stream (.SFR) and recharge (.RCH) files in Modflow 6 format and the conversion of other model input files. Modflow 6 model will be based on the same structured grid as the current model and should have applied Newton-Raphson formulation to avoid potential issues associated with drying and rewetting model cells.

#### Task 2 Model update

All model input time series and calibration time series should be updated for the model extension period, April 2011 – March 2023. The update should comprise the following datasets:

##### 2.1 Update of groundwater abstraction time series

Currently there are 32 abstraction time series in the model input file (.WEL). These time series should be updated with provided historical returns and any newly licensed abstractions should be added to the model input file. There have been four new licences issued for groundwater abstractions through the New Authorizations process. If there are no abstraction returns available for the recent period, abstraction time series should be infilled with annual abstraction profiles from the last year for which historical data is available.

##### 2.2 Update of surface water abstraction and discharge time series

There are no surface water abstractions simulated in the model as existing abstractions on the Bourne Brook are small and not considered significant in relation to discharge from the sewage treatment work or total flows. Therefore, two New Authorization licences will need to be reviewed and added to the model if these licences abstraction rates are significant.

Currently there are four discharge time series in the model, one ALF scheme and three STW discharges. These should be updated in a similar way as groundwater abstractions. A list of existing discharges in the model area will be provided and the contractor will assess if there are any significant discharges that should be added to the model.

### **2.3 Update of groundwater levels and flow time series**

The relevant calibration spreadsheets should be updated with observed data that will be provided for the model extension period.

### **2.4 Update of climatic datasets**

Grids with daily values of rainfall (HadUK) and PE (EA PET) for the current model historical period, up to the end of March 2011 should be generated under Task 1. Subsequently these grids need to be extended up to the end of March 2023. When HadUK rainfall is not available, a long-term average factor grid should be generated and rainfall distribution for this period will be calculated using daily rainfall time series from a gauging station located within the project area.

### **2.5 Spot flow surveys**

Spot flow survey completed during the model extension period should be collected in a spreadsheet and used as calibration datasets for assessing the accuracy of simulated flows. All spot flow data should be captured – including that predating the update and that undertaken in the catchment for other purposes.

## **Task 3 Model refinements and recalibration**

While the model layering (4 layers) and model grid size (250m) will remain the same, the following model refinements subtasks should be completed or tested in the new Modflow 6 model:

### **3.1 Review of surface geology mapping and geological model**

The latest BGS mapping changed outcrops of solid geology, therefore the updated model should have this new delineation incorporated as it may affect the extent of permeable and impermeable sediments represented in the groundwater model and surface geology representation in the 4R model which will affect spatial distribution of runoff and recharge. The presence and influence of faults within the active model area will also need to be reviewed as this may improve model calibration.

### **3.2 Review of representation of Carboniferous strata**

The model has currently implemented Carboniferous strata as Layer 4. It is recommended to review parametrisation of this layer and compare with the parametrisation and the conclusions of implementing Carboniferous strata in the recent groundwater models, namely, East Shropshire and Cannock Chase model. The relevant reports and datasets will be provided.

### **3.3 Representation of Mercia Mudstone in the model**

Currently these sediments are represented by the GHB boundary in the eastern part of the model where the sandstone aquifer is covered by substantial thickness of mudstone. This results in unphysical vertical gradients simulated when abstraction from the sandstone aquifer is simulated in this area as the GHB boundary elevation does not change during simulation and leakage will increase due to decreasing simulating groundwater levels. It may be more appropriate to represent Mercia Mudstone sediments as a separate model layer or alternatively to use river boundary condition.

### **3.4 Review of minimum thickness in model cells**

In the original model minimum thickness was set to 1m but the recalibrated model from 2013 has it increased to 5m. As the implementation of Newton-Raphson formulation in Modflow 6 model will prevent issues associated with drying model cells, the minimum thickness can be revised and replace with smaller value.

### **3.5 Cross boundary flows between Lichfield model and Cannock Chase model**

The neighbouring Cannock Chase model completed in 2020 overlaps the northwest area of the Lichfield model. A part of the eastern boundary of the Cannock Chase model is represented by the GHB boundary with heads based on groundwater levels simulated in appropriate cells of Lichfield model. It would be recommended to implement similar boundary in the Lichfield model and assess if cross-boundary flows simulated in the Cannock Chase model can be recreated in the Lichfield model.

To complete this task, historical GHB boundary flows, simulated groundwater levels, GHB cell locations and parameters from the Cannock Chase model will be provided.

### 3.6 The representation of Hanch Tunnel in the model

Hanch Tunnel is a 6 km long Victorian tunnel that partially drains the sandstone aquifer around Lichfield. It was represented by the means of 'adit' code (a modification of USGS MODBRNCH code) in the original model. However, when the model was migrated to MODFLOW-VKD in 2013, the application of 'adit' code was no longer possible and instead the tunnel was represented with Modflow STR boundary reaches. The major drawback of this solution is that constant heads (stages) are set up for these reaches, whereas water levels in the tunnel were calculated by the 'adit' code which resulted in the simulation of variable water volume hold by the tunnel in the original model. When the model is converted to Modflow 6, a separate SFR file that will represent the tunnel with simulated reach depth rather than constant stage can be tested in the model and permanently implemented if this solution does not affect model stability and does not result in the lack of convergence or significant mass balance errors.

### 3.7 Review and refinement of 4R routing and groundwater model stream network

The alignment of 4R routing will need to be checked against the Water Bodies shapefile in the WRGIS database and 4R routing network should be refined if significant differences in delineation of 4R sub-catchments and Water Bodies that cover the model area are identified. Subsequently stream reaches in the groundwater model should be extended towards the eastern model boundary over the area of Mercia Mudstone outcrops to represent the main streams and brooks up to the outflow points of the relevant Water Bodies.

### 3.8 Review of mains leakage rates in 4R model

This subtask is a subject to mains leakage data provided by the water company (South Staffs Water). As the current version of 4R model allows for simulation of variable leakage over time, the implementation of this functionality should be considered if the available data justify changes to leakage rates along the historical simulation period, for example the increase of leakage can be a result of population growth.

### 3.9 Adjustment of 4R and groundwater model parameters

Adjustment of 4R parameters may be required as the climatic datasets are changed to HadUK (rainfall) and EA PET (evapotranspiration). Especially, the second dataset may be expected to significantly affect model simulation when compared with the existing model version that uses MOSES dataset. Subsequently, groundwater model parameters may need to be adjusted to improve model calibration. The primary calibration goals should include improvement of the calibration of low flows in the Black/Bourne Brook at Hints Hall and improvement of long-term trends and annual fluctuation of simulated groundwater levels.

## Task 4 Running standard and predictive scenarios

A set of standard scenarios which will include Naturalised (Nat), Recent Actual (RA) and Fully Licensed (FL) scenarios will be run using the new historical baseline which should be the outcome of **Task 3**. Annual abstraction profiles for the RA scenario will be calculated using historical abstraction rates from the recent period, the length of this period for abstraction averaging will be confirmed later.

Application of Batch Abstraction Modelling (BAM) tool to assess impacts from individual abstraction points. This tool allows for running a series of scenarios with a modification of abstraction rate for a single abstraction point or a group of points, e.g reduction of abstraction rate from 100% of FL rate to 10% of FL rate with 10% rate decrease in each run (10 runs in total). The BAM tool can be set up to automatically postprocess required model outputs (flows time series, groundwater level time series, spatial distribution of groundwater levels) and provide statistics of impacts on flows and groundwater levels associated with each abstraction rate simulated at a single abstraction point or group of points. This assessment should include all PWS sources and the largest non-PWS abstractions, in total 15 sources are expected to be included in this exercise.

Five predictive scenarios will be completed to look into changes to impacts as a result of reduction of mains leakage due to water company leakage reduction programs and modifications of licensed abstraction rates

for selected PWS sources. The detailed scenarios specifications will be provided and discussed at one of the project meetings.

The outputs from standard and predictive scenarios will be post-processed and the comparison of groundwater levels and flows time series between scenario and its baseline or between Nat and RA or FL scenario will be presented in hydrographs in Excel spreadsheets. The differences in spatial groundwater level simulation (Scenario minus Baseline) for representative 'dry', 'average' and 'wet' periods will be calculated and saved in a grid or raster format available to plot in ArcGIS. FlowMaps tool will be used to calculate flow statistics for standard and predictive scenarios.

Simulated flows compliance in RA and FL scenarios (Environmental Flow Indicator methodology, output from FlowMaps) will be compared with respective compliance calculated in the WRGIS database. This will be achieved by identifying stream reaches in the model that are aligned with outflow points of relevant WRGIS Water Bodies and applying the simulated compliance Band colour from these reaches to the relevant Water Body polygons. This exercise will be completed in ArcGIS.

Detailed model water balances for standard scenarios will be presented in the form of time series and in a table which will summarize long term average (LTA) and 'dry' 'wet' and 'average' flow rates. These water balances will be calculated for the whole model and for individual Groundwater Management Units.

### Task 5 Delineation of source protection zones (SPZs)

The updated model will be used to delineate SPZs for the following groundwater sources:

GWMU Name	Licence Number	Source
Lichfield	03/28/07/0097	Maple Brook* (SS)
	03/28/07/0097	Seedy Mill* (SS)
	03/28/22/0004	Trent Valley#~ (SS)
	03/28/07/0006	MIZKAN UK LTD (Manor Vinegar)
	03/28/22/0081	Fradley# (SS)
	03/28/22/0087	Hopwas (SS)
Shenstone	03/28/17/0006	Bourne Vale* (SS)
	03/28/17/0006	Little Hay* (SS)
	03/28/17/0006	Sandhills* (SS)
	03/28/17/0006	Shenstone* (SS)
	03/28/17/0006	Pipe Hill*~ (SS)
Sutton	03/28/10/0035/1/R01	Good Hope Hospital

The methodology developed for the delineation of SPZs for numerical groundwater models used by the EA should be applied. This will require completing particle tracking with Modpath and calculating flow capture zones with Flowsources. The processing will need to be completed for wet, dry and average conditions. Subsequently, the capture zones will be manually digitised. The output of this task should be shapefiles with delineated SPZs for 50 and 400 days travel time for individual groundwater sources.

The contractor will produce all relevant information and GIS layers required for upload onto the Environment Agency's National database.

### Task 6 Calculating Natural Summer Outflows for the Lichfield Permo-Triassic Sandstone aquifer

The Available Groundwater Resource (AGR) is effectively the amount of water that can be sustainably licensed for our Groundwater Management Units (GWMUs) for use in water abstraction licensing. In order to calculate the AGR you need the following information:

AGR = Recharge – environmental flow allocation + any cross-boundary flows

The AGR approach has been adopted in Water Framework Directive (WFD) Groundwater Balance Test from RBMP Cycle 3.

For modelled principal aquifers, the GW models are the best available tool for deriving the environmental flow allocation. Based on extensive experience, Midlands Groundwater Modelling specialists consider the Q85 'Natural' Summer Outflow (Q85NSO) to be a fair representation of the flow allocation for the sandstone aquifers. Further information can be found in a paper entitled 'The estimation of 'natural' summer outflows

from the Permo-Triassic Sandstone aquifer, UK' M.G. Shepley and M. Streetly Quarterly Journal of Engineering Geology and Hydrogeology 2007; v. 40; p. 213-227'

We require for this task the 'environmental flow allocation' to be derived using the Lichfield Groundwater model. The Q85 'Natural' Summer Outflow (Q85NSO) is considered to be a fair representation of the flow allocation for the sandstone aquifers.

When using recharge and Q85NSOs from a model, you must use 'paired' values i.e. they are taken from the same version of the Groundwater model.

### Task 7 Reporting, Model Map and project data transfer

The development process, parametrisation and calibration status of the 4R and Modflow 6 models should be recorded in the final report. The report should also comprise sections where standard and predictive scenarios are summarised. Moreover, the report should include a section where areas that require further monitoring or improved conceptualisation (backed up by further monitoring) will be identified to inform work before a future update. The final content of the report will be discussed when individual tasks are completed. A draft report version should be provided for a review by the Project Review Team. A period of four weeks for reviewing the draft report should be included in the project programme which will be followed by a period required for completing the final report.

Model Map ArcGIS project will be another deliverable. This project should comprise layers with 4R and groundwater model parameters, boundary conditions and basic geographical datasets (OS map, rivers, topography etc.). Moreover, the outputs from 4R model (distribution of recharge, interflow, runoff) and groundwater model historical and standard scenarios (groundwater levels, total flows, groundwater and surface water interaction for representative stress periods) should be added to model map.

When the project is successfully completed, model input files required to run individual scenarios (4R and Modflow), tools needed for model data pre- and post-processing and any files with the visualisation of model outputs, e.g., calibration spreadsheets will need to be transferred to the Environment Agency.

### Task 8 National Groundwater Modelling System (NGMS) configuration – Task removed from final scope.

In this task, the files required for loading Lichfield model onto the NGMS will be created.

The Consultant should prepare the NGMS standard data sets that will include:

- Completion of standard template for model location data, which should include details on abstractions, discharges, accretion profiles, CAMS assessment points, surface water gauging stations and observation boreholes.
- NGMS configuration files for all main model scenarios, namely, Historical, Naturalised, Recent Actual and Fully Licensed.

### Timetable

The expected timetable for this project is estimated to be around 5 months. Timings and payment milestones will be agreed in the contract. Indicative timings are presented below

Inception Meeting		First week of contract
Progress updates		Fortnightly
Data analysis and outputs		Ongoing
Completion of phase 1 ( <b>Milestone 1</b> payment)	The outcome of completing phase 1 (Tasks 1 to 3) will be updated and refined historical Lichfield groundwater model	Around 6-8 weeks

Completion of phase 2 ( <b>Milestone 2</b> payment)	After completing phase 2, all standard and predictive scenarios (Task 4) and the NSO calculations (Task 6) will be completed	Around 6-8 weeks
Completion of phase 3 ( <b>Milestone 3</b> payment)	The outcome of completing phase 3 (Tasks 5) will be delineated Source Protection Zones for 12 PWS sources	Around 4-6 weeks
Final Report ( <b>Milestone 4</b> payment)	The final report will be delivered at the end of this phase.	Around 4-6 weeks

### Financial Arrangement

Contractors should provide a full and detailed breakdown of costs. This should include staff (and day rate) allocated to specific tasks. Contractors should provide an outline of the indicative milestones and phasing of payments.

Bids should at a minimum include costs for the below activities:

- Quantitative methods including design and analysis
- Qualitative interviews and/or focus groups
- Desk based research



## Annex 3 – Charges

Defined terms within this Annex:

**E-Invoicing:** Means invoices created on or submitted to the Authority via the electronic marketplace service.

**Electronic Invoice:** Means an invoice (generally in PDF file format) issued by the Supplier and received by the Authority using electronic means, generally email

### 1. How Charges are calculated

#### 1.1 The Charges:

1.1.1 shall be calculated in accordance with the terms of this Annex 3; and

1.1.2 cannot be increased except as specifically permitted by this Annex.

1.2 Any variation to the Charges payable under the Contract must be agreed between the Supplier and the Authority and implemented using the procedure set out in this Annex.

### 2. Are costs and expenses included in the Charges

2.1 Except as expressly set out in Paragraph 3 below, 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:

2.1.1 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

2.1.2 costs incurred prior to the commencement of the Contract.

### 3. Rates and Prices

The prices (Charges) are detailed in Annex 4 Tender Submission. Should indexation adjustments be made the relevant Contract Change Note will supersede Annex 4.

### 4. CURRENCY

All Supplier invoices shall be expressed in sterling or such other currency as shall be permitted by the Authority in writing.

### 5. Variations

The Authority may make reasonable changes to its invoicing requirements during the Term after providing 30 calendar days written notice to the Supplier.

### 6. Electronic Invoicing

- 6.1 The Authority shall accept for processing any electronic invoice that it is valid, undisputed and complies with the requirements of the Authority's e-invoicing system:
- 6.2 The Supplier shall ensure that each invoice is submitted in a PDF format and contains the following information:
  - 6.2.1 the date of the invoice;
  - 6.2.2 a unique invoice number;
  - 6.2.3 the period to which the relevant Charge(s) relate;
  - 6.2.4 the correct reference for the Contract
  - 6.2.5 a valid Purchase Order Number;
  - 6.2.6 the dates between which the Deliverables subject of each of the Charges detailed on the invoice were performed;
  - 6.2.7 a description of the Deliverables;
  - 6.2.8 the pricing mechanism used to calculate the Charges (such as fixed price, time and materials);
  - 6.2.9 any payments due in respect of achievement of a milestone, including confirmation that milestone has been achieved by the Authority's Authorised Representative
  - 6.2.10 the total Charges gross and net of any applicable deductions and, separately, the amount of any reimbursable expenses properly chargeable to the Authority under the terms of this Contract, and, separately, any VAT or other sales tax payable in respect of each of the same, charged at the prevailing rate;
  - 6.2.11 a contact name and telephone number of a responsible person in the Supplier's finance department and/or contract manager in the event of administrative queries; and
  - 6.2.12 the banking details for payment to the Supplier via electronic transfer of funds (i.e. name and address of bank, sort code, account name and number);
- 6.3 The Supplier shall submit all invoices and any requested supporting documentation through the Authority's e-invoicing system or if that is not possible to: **(for EA)** Shared Services Connected Ltd, PO Box 797, Newport, Gwent, NP10 8FZ; with a copy (again including any supporting documentation) to such other person and at such place as the Authority may notify to the Supplier from time to time.
- 6.4 Invoices submitted electronically will not be processed if:
  - 6.4.1 The electronic submission exceeds 4mb in size
  - 6.4.2 Is not submitted in a PDF formatted document
  - 6.4.3 Multiple invoices are submitted in one PDF formatted document
  - 6.4.4 The formatted PDF is "Password Protected"



























































# Short Form Terms

## 1. Definitions used in the Contract

In this Contract, unless the context otherwise requires, the following words shall have the following meanings:

"Authority"	means the <a href="#">authority</a> identified in paragraph 3 of the Order Form;
"Authority Data"	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 Authority's confidential information, and which: i) are supplied to the Supplier by or on behalf of the Authority; or ii) the Supplier is required to generate, process, store or transmit pursuant to the Contract; or b) any Personal Data for which the Authority is the Data Controller;
"Authority Cause"	any breach of the obligations of the Authority or any other default, act, omission, negligence or statement of the Authority, of its employees, servants, agents in connection with or in relation to the subject-matter of the Contract and in respect of which the Authority is liable to the Supplier;
"Central Government Body"	for the purposes of this Contract this means a body listed in one of the following sub-categories of the Central Government classification of the Public Sector Classification Guide, as published and amended from time to time by the Office for National Statistics: <ul style="list-style-type: none"> <li>• Government Department;</li> <li>• Non-Departmental Public Body or Assembly Sponsored Public Body (advisory, executive, or tribunal);</li> <li>• Non-Ministerial Department; or</li> <li>• Executive Agency;</li> </ul>
"Charges"	means the charges for the Deliverables as specified in the Order Form and Annex 3;
"Confidential Information"	means all information, whether written or oral (however recorded), provided by the disclosing Party to the receiving Party and which (i) is known by the receiving Party to be confidential; (ii) is agreed by the Parties to be confidential;
"Contract"	means this contract between (i) the Authority and (ii) the Supplier which is created by the Supplier signing the Order Form and returning it to the Authority.
"Controller"	has the meaning given to it in the "UK GDPR";

"Crown Body"	means any department, office or agency of the Crown, including any and all Local Authority bodies;
"Data Loss Event"	any event that results, or may result, in unauthorised access to Personal Data held by the Supplier under this Contract, and/or actual or potential loss and/or destruction of Personal Data in breach of this Contract, 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 and any applicable national implementing Laws as amended from time to time; (ii) the Data Protection Act 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;
"Data Protection Officer"	has the meaning given to it in the GDPR;
"Data Subject"	has the meaning given to it in the GDPR;
"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;
"Date of Delivery"	means that date by which the Deliverables must be delivered to the Authority, as specified in the Order Form;
"Deliver"	means handing over the Deliverables to the Authority at the address and on the date specified in the Order Form, which shall include unloading and any other specific arrangements agreed in accordance with Clause 4. Delivered and Delivery shall be construed accordingly;
"Deliverables"	Goods and/or Services that may be ordered under the Contract including the Documentation;
"Documentation"	descriptions of the Services, 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) that is required to be supplied by the Supplier to the Authority under the Contract as: a) would reasonably be required by a competent third party capable of Good Industry Practice contracted by the Authority 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;

"Existing IPR"	any and all intellectual property rights that are owned by or licensed to either Party and which have been developed independently of the Contract (whether prior to the date of the Contract or otherwise);
"Expiry Date"	means the date for expiry of the Contract as set out in the Order Form;
"FOIA"	means the Freedom of Information Act 2000 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"	any event, occurrence, circumstance, matter or cause affecting the performance by either Party of its obligations under the Contract arising from acts, events, omissions, happenings or non-happenings beyond its reasonable control which prevent or materially delay it from performing its obligations under the Contract but excluding: 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;
"Goods"	means the goods to be supplied by the Supplier to the Authority under the Contract;
"Good Industry Practice"	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 from a skilled and experienced person or body engaged within the relevant industry or business sector;
"Information"	has the meaning given under section 84 of the FOIA;
"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;
"Insolvency Event"	occurs in respect of a legal person (for example an individual, company or organisation): i) if that person is insolvent; ii) if an order is made or a resolution is passed for the winding up of the person (other than voluntarily for the purpose of solvent amalgamation or reconstruction); iii) if an administrator or administrative receiver is appointed in respect of the whole or any part of the persons assets or business; or iv) if the person makes any arrangement with its creditors or takes or suffers any similar or analogous action to any of the actions detailed in this definition as a result of debt in any jurisdiction whether under the Insolvency Act 1986 or otherwise;

"IP Completion Day"	has the meaning given to it in the European Union (Withdrawal) Act 2018;
"Key Personnel"	means any persons specified as such in the Order Form or otherwise notified as such by the Authority to the Supplier in writing;
"Law"	means any law, statute, subordinate legislation within the meaning of Section 21(1) of the Interpretation Act 1978, bye-law, right within the meaning of Section 4(1) EU Withdrawal Act 2018 as amended by EU (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 Parties are bound to comply;
"New IPR"	all and any intellectual property rights in any materials created or developed by or on behalf of the Supplier pursuant to the Contract but shall not include the Supplier's Existing IPR;
"Order Form"	means the letter from the Authority to the Supplier printed above these terms and conditions;
"Party"	the Supplier or the Authority (as appropriate) and "Parties" shall mean both of them;
"Personal Data"	has the meaning given to it in the UK GDPR;
"Personal Data Breach"	has the meaning given to it in the UK GDPR;
"Processing"	has the mean given to it in the UK GDPR;
"Processor"	has the meaning given to it in the UK GDPR;
"Purchase Order Number"	means the Authority's unique number relating to the order for Deliverables to be supplied by the Supplier to the Authority in accordance with the terms of the Contract;
"Regulations"	the Public Contracts Regulations 2015 and/or the Public Contracts (Scotland) Regulations 2015 (as the context requires) as amended from time to time;
"Request for Information"	has the meaning set out in the FOIA or the Environmental Information Regulations 2004 as relevant (where the meaning set out for the term "request" shall apply);
"Services"	means the services to be supplied by the Supplier to the Authority under the Contract;
"Specification"	means the specification for the Deliverables to be supplied by the Supplier to the Authority (including as to quantity, description and quality) as specified in Annex 2;
"Staff Vetting Procedures"	means vetting procedures that accord with good industry practice or, where applicable, the Authority's procedures for the vetting of personnel as provided to the Supplier from time to time;



"Start Date"	Means the start date of the Contract set out in the Order Form;
"Subprocessor"	any third Party appointed to process Personal Data on behalf of the Supplier related to the Contract;
"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 the Contract;
"Supplier"	means the person named as Supplier in the Order Form;
"Sustainability Requirements"	means any relevant social or environmental strategies, policies, commitments, targets, plans or requirements that apply to and are set out in the Annex 5;
Tender Submission	means the Supplier's response to the invitation to the bidder pack (including, for the avoidance of doubt, any clarification provided by the Supplier).
"Term"	means the period from the Start Date to the Expiry Date as such period may be extended in accordance with the Order Form or terminated in accordance with Clause 11;
"UK GDPR"	means 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) (United Kingdom General Data Protection Regulation), as it forms part of the law of England and Wales, Scotland and Northern Ireland by virtue of section 3 of the European Union (Withdrawal) Act 2018 (and see section 205(4));
"VAT"	means value added tax in accordance with the provisions of the Value Added Tax Act 1994;
"Workers"	any one of the Supplier Staff which the Authority, in its reasonable opinion, considers is an individual to which Procurement Policy Note 08/15 (Tax Arrangements of Public Appointees) ( <a href="https://www.gov.uk/government/publications/procurement-policy-note-0815-tax-arrangements-of-appointees">https://www.gov.uk/government/publications/procurement-policy-note-0815-tax-arrangements-of-appointees</a> ) applies in respect of the Deliverables;
"Working Day"	means a day (other than a Saturday or Sunday) on which banks are open for business in the City of London.

## 2. Understanding the Contract

In the Contract, unless the context otherwise requires:

2.1 references to numbered clauses are references to the relevant clause in these terms and conditions and references to numbered paragraphs are references to the paragraph in the relevant Annex;

2.2 any obligation on any Party not to do or omit to do anything shall include an obligation not to allow that thing to be done or omitted to be done;

2.3 the headings in this Contract are for information only and do not affect the interpretation of the Contract;

2.4 references to "writing" include printing, display on a screen and electronic transmission and other modes of representing or reproducing words in a visible form;

2.5 the singular includes the plural and vice versa;

2.6 a reference to any law includes a reference to that law as amended, extended, consolidated or re-enacted from time to time and to any legislation or byelaw made under that law;

2.7 any reference in this Contract which immediately before the 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):

- i. any EU regulation, EU decision, EU tertiary legislation or provision of the European Economic Area ("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; and
- ii. any EU institution or EU authority or other such EU body shall be read on and after the date of exit from the EU as a reference to the UK institution, authority or body to which its functions were transferred.

2.8 the word 'including', "for example" and similar words shall be understood as if they were immediately followed by the words "without limitation";

2.9 a person includes a natural person, corporate or unincorporated body (whether or not having separate legal personality);

2.10 any Annexes form part of this Contract and shall have effect as if set out in full in the body of this Contract. Any reference to this Contract includes the Annexes; and

2.11 all undefined words and expressions are to be given their normal English meaning within the context of this Contract. Any dispute as to the interpretation of such undefined words and expressions shall be settled by reference to the definition in the Shorter Oxford English Dictionary.

### 3. How the Contract works

3.1 The Order Form is an offer by the Authority to purchase the Deliverables subject to and in accordance with the terms and conditions of the Contract.

3.2 The Supplier is deemed to accept the offer in the Order Form when the Authority receives a copy of the Order Form signed by the Supplier.

3.3 The Supplier warrants and represents that its Tender Submission and all statements made and documents submitted as part of the procurement of Deliverables are and remain true and accurate.

## 4. What needs to be delivered

### 4.1 All Deliverables

(a) The Supplier must provide Deliverables: (i) in accordance with the Specification and Tender Submission; (ii) to a professional standard; (iii) using all reasonable skill and care; (iv) using Good Industry Practice; (v) using its own policies, processes and internal quality control measures as long as they don't conflict with the Contract; (vi) in accordance with such policies and procedures of the Authority (as amended from time to time) that may be specified in the Contract (vii) on the dates agreed; and (viii) in compliance with all applicable Law.

(b) Without prejudice to the Specification the Supplier must provide Deliverables with a warranty of at least 90 days (or longer where the Supplier offers a longer warranty period to the Authority) from Delivery against all obvious damage or defects.

### 4.2 Goods clauses

(a) All Goods Delivered must be capable of meeting the requirements set out in the Specification and be either (i) new and of recent origin, (ii) reused or (iii) recycled.

(b) All manufacturer warranties covering the Goods will be assigned to the Authority on request and for free.

(c) The Supplier transfers ownership of the Goods on completion of Delivery (including off-loading and stacking) or payment for those Goods, whichever is earlier.

(d) Risk in the Goods transfers to the Authority on Delivery but remains with the Supplier if the Authority notices any damage or defect following Delivery and lets the Supplier know within three Working Days of Delivery.

(e) The Supplier must have full and unrestricted ownership of the Goods at the time of transfer of ownership.

(f) The Supplier must Deliver the Goods on the date and to the specified location during the Authority's working hours.

(g) The Supplier, its subcontractor(s) and supply chain must minimise packaging used whilst providing sufficient packaging for the Goods to reach the point of Delivery safely and undamaged. The Supplier must take back any primary packaging where it is possible to do so. Packaging must be 100% re-usable, recyclable or compostable, use recycled content where reasonably practicable and support the Government's commitment to eliminate single use plastic.

(h) All Deliveries must have a delivery note attached that specifies the order number, type, quantity of Goods, contact and details of traceability through the supply chain.

(i) The Supplier must provide all tools, information and instructions the Authority needs to make use of the Goods. This will include, where appropriate, any operation manuals which, unless specified otherwise, will be written in English and provided in electronic form.

(j) The Supplier will notify the Authority of any request that Goods are returned to it or the manufacturer after the discovery of safety issues or defects that might endanger health or hinder performance and shall indemnify the Authority against the costs arising as a result of any such

request. Goods must be disposed of in line with the waste management hierarchy as set out in Law. The Supplier will provide evidence and transparency of the items and routes used for disposal to the Authority on request.

(k) The Authority can cancel any order or part order of Goods which have not been Delivered. If the Authority gives less than 14 calendar days' notice then it will pay the Supplier's reasonable and proven costs already incurred on the cancelled order as long as the Supplier takes all reasonable steps to minimise these costs.

(l) The Supplier must at its own cost repair, replace, refund or substitute (at the Authority's option and request) any Goods that the Authority rejects because they don't conform with clause 4.2. If the Supplier doesn't do this it will pay the Authority's costs including repair or re-supply by a third party.

(m) The Authority will not be liable for any actions, claims, costs and expenses 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 Authority or its servant or agent. If the Authority suffers or incurs any damage or injury (whether fatal or otherwise) occurring in the course of Delivery or installation then the Supplier shall indemnify from all losses, damages, costs or expenses (including professional fees and fines) which arise as a result of or in connection with such damage or injury where it is attributable to any act or omission of the Supplier or, where related to the Contract, any of its subcontractors or suppliers.

### **4.3 Services clauses**

(a) Late delivery of the Services will be a breach of the Contract.

(b) The Supplier must co-operate with the Authority and third party suppliers on all aspects connected with the delivery of the Services and ensure that Supplier Staff comply with any reasonable instructions including any security requirements.

(c) The Authority must provide the Supplier Staff with reasonable access to its premises at such reasonable times agreed with the Authority for the purpose of supplying the Services.

(d) The Supplier must at its own risk and expense provide all equipment required to deliver the Services. Any equipment provided by the Authority to the Supplier for supplying the Services remains the property of the Authority and is to be returned to the Authority on expiry or termination of the Contract.

(e) The Supplier must allocate sufficient resources and appropriate expertise to the Contract.

(f) The Supplier must take all reasonable care to ensure performance does not disrupt the Authority's operations, employees or other contractors.

(g) On completion of the Services, the Supplier is responsible for leaving the Authority's premises in a clean, safe and tidy condition and making good any damage that it has caused to the Authority's premises or property, other than fair wear and tear and any pre-existing cleanliness, safety or tidiness issue at the Authority's premises that existed before the commencement of the Term.

(h) The Supplier must ensure all Services, and anything used to deliver the Services, are of the required quality and free from damage or defects.

(i) The Authority is entitled to withhold payment for partially or undelivered Services or for Services which are not delivered in accordance with the Contract but doing so does not stop it from using its other rights under the Contract.

## 5. Pricing and payments

5.1 In exchange for the Deliverables delivered, the Supplier shall be entitled to invoice the Authority for the charges in Annex 3. The Supplier shall raise invoices promptly and in any event within 90 days from when the charges are due.

5.2 All Charges:

- (a) exclude VAT, which is payable on provision of a valid VAT invoice and charged at the prevailing rate;
- (b) include all costs connected with the supply of Deliverables.

5.3 The Authority must pay the Supplier the charges within 30 days of receipt by the Authority of a valid, undisputed invoice, in cleared funds to the Supplier's account stated in the Order Form.

5.4 A Supplier invoice is only valid if it:

- (a) includes all appropriate references including the Purchase Order Number and other details reasonably requested by the Authority as set out in Annex 3; and
- (b) includes a detailed breakdown of Deliverables which have been delivered (if any).

Details of the Authority's requirements for a valid invoice at the Start Date are set out in Annex 3.

5.5 If there is a dispute between the Parties as to the amount invoiced, the Authority shall pay the undisputed amount. The Supplier shall not suspend the provision of the Deliverables unless the Supplier is entitled to terminate the Contract for a failure to pay undisputed sums in accordance with clause 11.6. Any disputed amounts shall be resolved through the dispute resolution procedure detailed in clause 35.

5.6 If any sum of money is recoverable from or payable by the Supplier under the Contract (including any sum which the Supplier is liable to pay to the Authority in respect of any breach of the Contract), that sum may be deducted unilaterally by the Authority from any sum then due, or which may become due, to the Supplier under the Contract or under any other agreement or contract with the Authority. The Supplier shall not be entitled to assert any credit, set-off or counterclaim against the Authority in order to justify withholding payment of any such amount in whole or in part.

5.7 The Supplier must ensure that its subcontractors and supply chain are paid, in full, within 30 days of receipt of a valid, undisputed invoice. If this doesn't happen, the Authority can publish the details of the late payment or non-payment.

## 6. The Authority's obligations to the Supplier

6.1 If the Supplier fails to comply with the Contract as a result of an Authority Cause:

- (a) the Authority cannot terminate the Contract under clause 11 on account of the failure to comply, provided this will not prejudice the Authority's right to terminate for another cause that may exist at the same time;
- (b) the Supplier will be relieved from liability for the performance of its obligations under the Contract to the extent that it is prevented from performing them by the Authority Cause and will be entitled to such reasonable and proven additional expenses that arise as a direct result of the Authority Cause;
- (c) the Supplier is entitled to any additional time needed to deliver the Deliverables as a direct result of the Authority's Cause;

(d) the Supplier cannot suspend the ongoing supply of Deliverables.

6.2 Clause 6.1 only applies if the Supplier:

- (a) gives notice to the Authority within 10 Working Days of becoming aware of an Authority Cause, such notice setting out in detail with supporting evidence the known reasons for the Authority Cause;
- (b) demonstrates that the failure only happened because of the Authority Cause;
- (c) has used all reasonable endeavours to mitigate the impact of the Authority Cause.

## 7. Record keeping and reporting

7.1 The Supplier must ensure that suitably qualified (and authorised) representatives attend progress meetings with the Authority and provide progress reports when specified in Annex 2.

7.2 The Supplier must keep and maintain full and accurate records and accounts on everything to do with the Contract for seven years after the date of expiry or termination of the Contract.

7.3 The Supplier must allow any auditor appointed by the Authority access to their premises to verify all contract accounts and records of everything to do with the Contract and provide copies for the audit.

7.4 The Supplier must provide information to the auditor and reasonable co-operation at their request.

7.5 If the Supplier is not providing any of the Deliverables, or is unable to provide them, it must immediately:

- (a) tell the Authority and give reasons;
- (b) propose corrective action;
- (c) agree a deadline with the Authority for completing the corrective action.

7.6 If the Authority, acting reasonably, is concerned either:

- (a) as to the financial stability of the Supplier such that it may impact on the continued performance of the Contract; or
- (b) as to the sustainability or health and safety conduct of the Supplier, subcontractors and supply chain in the performance of the Contract;

then the Authority may:

- (i) require that the Supplier provide to the Authority (for its approval) a plan setting out how the Supplier will ensure continued performance of the Contract (in the case of (a)) or improve its sustainability conduct or performance (in the case of (b)) and the Supplier will make changes to such plan as reasonably required by the Authority and once it is agreed then the Supplier shall act in accordance with such plan and report to the Authority on demand
- (ii) if the Supplier fails to provide a plan or fails to agree any changes which are requested by the Authority or materially fails to implement or provide updates on progress with the plan, terminate the Contract immediately for material breach (or on such date as the Authority notifies).

## 8. Supplier staff

8.1 The Supplier Staff involved in the performance of the Contract must:

- a) be appropriately trained and qualified;
- b) be vetted using Good Industry Practice and in accordance with the instructions issued by the Authority in the Order Form;
- c) comply with the Authority's conduct requirements when on the Authority's premises including, without limitation, those Sustainability Requirements relating to Equality, Diversity & Inclusion (EDI) contained in Annex 5; and
- d) be informed about those specific requirements referred to in Clause 13.2.

8.2 Where an Authority decides one of the Supplier's Staff isn't suitable to work on the Contract, the Supplier must replace them with a suitably qualified alternative.

8.3 If requested, the Supplier must replace any person whose acts or omissions have caused the Supplier to breach clause 8.

8.4 The Supplier must provide a list of Supplier Staff needing to access the Authority's premises and say why access is required.

8.5 The Supplier indemnifies the Authority against all losses, damages, costs or expenses (including professional fees and fines) arising from claims brought against it by any Supplier Staff caused by an act or omission of the Supplier or any other Supplier Staff.

8.6 The Supplier shall use those persons nominated in the Order Form (if any) to provide the Deliverables and shall not remove or replace any of them unless:

- (a) requested to do so by the Authority;
- (b) the person concerned resigns, retires or dies or is on maternity, adoption, shared parental leave or long-term sick leave; or
- (c) the person's employment or contractual arrangement with the Supplier or any subcontractor is terminated.

## 9. Rights and protection

9.1 The Supplier warrants and represents that:

- (a) it has full capacity and authority to enter into and to perform the Contract;
- (b) the Contract is executed by its authorised representative;
- (c) it is a legally valid and existing organisation incorporated in the place it was formed;
- (d) 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 the Contract;
- (e) it maintains all necessary rights, authorisations, licences and consents to perform its obligations under the Contract;



(f) it doesn't have any contractual obligations which are likely to have a material adverse effect on its ability to perform the Contract; and

(g) it is not impacted by an Insolvency Event.

9.2 The warranties and representations in clause 9.1 are repeated each time the Supplier provides Deliverables under the Contract.

9.3 The Supplier indemnifies the Authority against each of the following:

(a) wilful misconduct of the Supplier, any of its subcontractor and/or Supplier Staff that impacts the Contract;

(b) non-payment by the Supplier of any tax or National Insurance.

9.4 If the Supplier becomes aware of a representation or warranty that becomes untrue or misleading, it must immediately notify the Authority.

9.5 All third party warranties and indemnities covering the Deliverables must be assigned for the Authority's benefit by the Supplier.

## 10. Intellectual Property Rights (IPRs)

10.1 Each Party keeps ownership of its own Existing IPRs. The Supplier gives the Authority a non-exclusive, perpetual, royalty-free, irrevocable, transferable worldwide licence to use, change and sub-license the Supplier's Existing IPR to enable it and its sub-licensees to both:

(a) receive and use the Deliverables;

(b) use the New IPR.

10.2 Any New IPR created under the Contract is owned by the Authority. The Authority gives the Supplier a licence to use any Existing IPRs for the purpose of fulfilling its obligations under the Contract and a perpetual, royalty-free, non-exclusive licence to use any New IPRs.

10.3 Where a Party acquires ownership of intellectual property rights incorrectly under this Contract it must do everything reasonably necessary to complete a transfer assigning them in writing to the other Party on request and at its own cost.

10.4 Neither Party has the right to use the other Party's intellectual property rights, including any use of the other Party's names, logos or trademarks, except as provided in clause 10 or otherwise agreed in writing.

10.5 If any claim is made against the Authority for actual or alleged infringement of a third party's intellectual property arising out of, or in connection with, the supply or use of the Deliverables (an "**IPR Claim**"), then the Supplier indemnifies the Authority against all losses, damages, costs or expenses (including professional fees and fines) incurred as a result of the IPR Claim.

10.6 If an IPR Claim is made or anticipated the Supplier must at its own expense and the Authority's sole option, either:

(a) obtain for the Authority the rights in clauses 10.1 and 10.2 without infringing any third party intellectual property rights;

(b) replace or modify the relevant item with substitutes that don't infringe intellectual property rights without adversely affecting the functionality or performance of the Deliverables.



## 11. Ending the contract

11.1 The Contract takes effect on the date of or (if different) the date specified in the Order Form and ends on the earlier of the date of expiry or termination of the Contract or earlier if required by Law.

11.2 The Authority can extend the Contract where set out in the Order Form in accordance with the terms in the Order Form.

### Ending the Contract without a reason

11.3 The Authority has the right to terminate the Contract at any time without reason or liability by giving the Supplier not less than 90 days' written notice and if the Contract is terminated, clause 11.5(b) to 11.5(g) applies.

### When the Authority can end the Contract

11.4 (a) If any of the following events happen, the Authority has the right to immediately terminate its Contract by issuing a termination notice in writing to the Supplier:

- (i) there is a Supplier Insolvency Event;
- (ii) if the Supplier repeatedly breaches the Contract in a way to reasonably justify in the Authority's opinion that the Supplier's conduct is inconsistent with it having the intention or ability to give effect to the terms and conditions of the Contract;
- (iii) if the Supplier is in material breach of any obligation which is capable of remedy, and that breach is not remedied within 30 days of the Supplier receiving notice specifying the breach and requiring it to be remedied. Where a material breach is not capable of remedy, the Authority has the right to immediately terminate the Contract;
- (iv) there is a change of control (within the meaning of section 450 of the Corporation Tax Act 2010) of the Supplier which isn't pre-approved by the Authority in writing;
- (v) if the Authority discovers that the Supplier was in one of the situations in 57 (1) or 57(2) of the Regulations at the time the Contract was awarded;
- (vi) the Supplier or its affiliates embarrass or bring the Authority into disrepute or diminish the public trust in them;
- (vii) where a right to terminate described in clause 27 occurs;
- (viii) the Supplier is in breach of any of its health, safety and well-being obligations under clause 28.1(a); and
- (ix) where, in accordance with clause 33.3, there is or may be an actual or potential conflict of interest.

(b) If any of the events in 73(1) (a) to (c) of the Regulations (substantial modification, exclusion of the Supplier, procurement infringement) happen, the Authority has the right to immediately terminate the Contract and clause 11.5(a) to 11.5(g) applies.

### 11.5 What happens if the Contract ends

Where the Authority terminates the Contract under clause 11.4 all of the following apply:

- (a) the Supplier is responsible for the Authority's reasonable costs of procuring replacement deliverables for the rest of the Term ;
- (b) the Authority'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 Authority Data except where required to retain copies by law;
- (e) the Supplier must promptly return any of the Authority's property provided under the Contract;
- (f) the Supplier must, at no cost to the Authority, give all reasonable assistance to the Authority and any incoming supplier and co-operate fully in the handover and re-procurement;
- (g) the following clauses survive the termination of the Contract: 3.3, 7.2, 7.3, 7.4, 9, 10, 12, 13.3, 14, 15, 16, 17, 18, 19, 20, 32, 35, 36 and any clauses or provisions within the Order Form or the Annexes which are expressly or by implication intended to continue.

#### **11.6 When the Supplier can end the Contract**

- (a) The Supplier can issue a reminder notice if the Authority does not pay an undisputed invoice on time. The Supplier can terminate the Contract if the Authority fails to pay an undisputed invoiced sum due and worth over 10% of the total Contract value or £1,000, whichever is the lower, within 30 days of the date of the reminder notice.
- (b) If a Supplier terminates the Contract under clause 11.6(a):
  - (i) the Authority must promptly pay all outstanding charges incurred to the Supplier;
  - (ii) the Authority must pay the Supplier reasonable committed and unavoidable losses as long as the Supplier provides a fully itemised and costed schedule with satisfactory evidence - the maximum value of this payment is limited to the total sum payable to the Supplier if the Contract had not been terminated;
  - (iii) clauses 11.5(d) to 11.5(g) apply.

#### **11.7 Partially ending and suspending the Contract**

- (a) Where the Authority has the right to terminate the Contract it can terminate or suspend (for any period), all or part of it. If the Authority suspends the Contract it can provide the Deliverables itself or buy them from a third party.
- (b) The Authority can only partially terminate or suspend the Contract if the remaining parts of it can still be used to effectively deliver the intended purpose.
- (c) The Parties must agree (in accordance with clause 25) any necessary variation required by clause 11.7, but the Supplier may neither:
  - (i) reject the variation; nor
  - (ii) increase the Charges, except where the right to partial termination is under clause 11.3.
- (d) The Authority can still use other rights available, or subsequently available to it if it acts on its rights under clause 11.7.

## 12. How much you can be held responsible for

12.1 Each Party's total aggregate liability under or in connection with the Contract (whether in tort, contract or otherwise) is no more than the value of the Charges or £1,000,000 (one million pounds) [whichever is higher] unless specified in the Order Form.

12.2 No Party is liable to the other for:

- (a) any indirect losses;
- (b) loss of profits, turnover, savings, business opportunities or damage to goodwill (in each case whether direct or indirect).

12.3 In spite of clause 12.1, neither Party limits or excludes any of the following:

- (a) its liability for death or personal injury caused by its negligence, or that of its employees, agents or subcontractors;
- (b) its liability for bribery or fraud or fraudulent misrepresentation by it or its employees;
- (c) any liability that cannot be excluded or limited by law.

12.4 In spite of clause 12.1, the Supplier does not limit or exclude its liability for any indemnity given under clauses 4.2(j), 4.2(m), 8.5, 9.3, 10.5, 13.3, 15.28(e) or 31.2(b).

12.5 Each Party must use all reasonable endeavours to mitigate any loss or damage which it suffers under or in connection with the Contract, including where the loss or damage is covered by any indemnity.

12.6 If more than one Supplier is party to the Contract, each Supplier Party is fully responsible for both their own liabilities and the liabilities of the other Suppliers.

## 13. Obeying the law

13.1 The Supplier must, in connection with provision of the Deliverables:

- (a) comply with all applicable Law;
- (b) comply with the Sustainability Requirements
- (c) use reasonable endeavours to comply and procure that its subcontractors comply with the Supplier Code of Conduct appearing at:

[https://assets.publishing.service.gov.uk/government/uploads/system/uploads/attachment\\_data/file/779660/20190220-Supplier\\_Code\\_of\\_Conduct.pdf](https://assets.publishing.service.gov.uk/government/uploads/system/uploads/attachment_data/file/779660/20190220-Supplier_Code_of_Conduct.pdf)

13.2 The Sustainability Requirements and the requirements set out in Clause 27, 28 and 30 must be explained to the Supplier's Staff, subcontractors and suppliers who are involved in the performance of the Supplier's obligations under the Contract and where it is relevant to their role and equivalent obligations must be included in any contract with any suppliers or subcontractor that is connected to the Contract.

13.3 The Supplier indemnifies the Authority against all losses, damages, costs or expenses (including professional fees and fines) resulting from any default by the Supplier relating to any applicable Law to do with the Contract.

13.4 The Supplier must appoint a Compliance Officer who must be responsible for ensuring that the Supplier complies with the Law and its obligations under the Contract.

13.5 "Compliance Officer" the person(s) appointed by the Supplier who is responsible for ensuring that the Supplier complies with its legal and other obligations under the Contract.

13.6 The Supplier will provide such evidence of compliance with its obligations under this Clause 13 as the Authority reasonably requests.

## 14. Insurance

14.1 The Supplier must, at its own cost, obtain and maintain the required insurances as set out in the Order Form.

14.2 The Supplier will provide evidence of the required insurances on request from the Authority.

## 15. Data protection

15.1 The Authority is the Controller and the Supplier is the Processor for the purposes of the Data Protection Legislation.

15.2 The Supplier must process Personal Data and ensure that Supplier Staff process Personal Data only in accordance with this Contract.

15.3 The Supplier shall take all reasonable measures relating to the security of processing which are required pursuant to Article 32 of the UK GDPR including, without limitation, those security measures specified in this clause 15.

15.4 The Supplier must not remove any ownership or security notices in or relating to the Authority Data.

15.5 The Supplier must make accessible back-ups of all Authority Data, stored in an agreed off-site location and send the Authority copies every six Months.

15.6 The Supplier must ensure that any Supplier system holding any Authority Data, including back-up data, is a secure system that complies with the security requirements specified in writing by the Authority.

15.7 If at any time the Supplier suspects or has reason to believe that the Authority Data provided under the Contract is corrupted, lost or sufficiently degraded, then the Supplier must notify the Authority and immediately suggest remedial action.

15.8 If the Authority Data is corrupted, lost or sufficiently degraded so as to be unusable the Authority may either or both:

(a) tell the Supplier to restore or get restored Authority Data as soon as practical but no later than five Working Days from the date that the Authority receives notice, or the Supplier finds out about the issue, whichever is earlier;

(b) restore the Authority Data itself or using a third party.

15.9 The Supplier must pay each Party's reasonable costs of complying with clause 15.8 unless the Authority is at fault.

15.10 Only the Authority can decide what processing of Personal Data a Supplier can do under the Contract and must specify it for the Contract using the template in Annex 1 of the Order Form (*Authorised Processing*).

15.11 The Supplier must only process Personal Data if authorised to do so in the Annex to the Order Form (*Authorised Processing*) by the Authority. Any further written instructions relating to the processing of Personal Data are incorporated into Annex 1 of the Order Form.

15.12 The Supplier must give all reasonable assistance to the Authority in the preparation of any Data Protection Impact Assessment before starting any processing, including:

- (a) a systematic description of the expected processing and its purpose;
- (b) the necessity and proportionality of the processing operations;
- (c) the risks to the rights and freedoms of Data Subjects;
- (d) the intended measures to address the risks, including safeguards, security measures and mechanisms to protect Personal Data.

15.13 The Supplier must notify the Authority immediately if it thinks the Authority's instructions breach the Data Protection Legislation.

15.14 The Supplier must put in place appropriate Protective Measures to protect against a Data Loss Event which must be approved by the Authority.

15.15 If lawful to notify the Authority, the Supplier must notify it if the Supplier is required to process Personal Data by Law promptly and before processing it.

15.16 The Supplier must take all reasonable steps to ensure the reliability and integrity of any Supplier Staff who have access to the Personal Data and ensure that they:

- (a) are aware of and comply with the Supplier's duties under this clause 15;
- (b) are subject to appropriate confidentiality undertakings with the Supplier or any Subprocessor;
- (c) are informed of the confidential nature of the Personal Data and do not provide any of the Personal Data to any third party unless directed in writing to do so by the Authority or as otherwise allowed by the Contract;
- (d) have undergone adequate training in the use, care, protection and handling of Personal Data.

15.17 The Supplier must not transfer Personal Data outside of the EU unless all of the following are true:

- (a) it has obtained prior written consent of the Authority;
- (b) the Authority has decided that there are appropriate safeguards (in accordance with Article 46 of the UK GDPR);
- (c) the Data Subject has enforceable rights and effective legal remedies when transferred;
- (d) the Supplier meets its obligations under the Data Protection Legislation by providing an adequate level of protection to any Personal Data that is transferred;
- (e) where the Supplier is not bound by Data Protection Legislation it must use its best endeavours to help the Authority meet its own obligations under Data Protection Legislation; and
- (f) the Supplier complies with the Authority's reasonable prior instructions about the processing of the Personal Data.

15.18 The Supplier must notify the Authority immediately if it:

- (a) receives a Data Subject Access Request (or purported Data Subject Access Request);
- (b) receives a request to rectify, block or erase any Personal Data;
- (c) receives any other request, complaint or communication relating to either Party's obligations under the Data Protection Legislation;
- (d) receives any communication from the Information Commissioner or any other regulatory authority in connection with Personal Data processed under this Contract;
- (e) receives a request from any third party for disclosure of Personal Data where compliance with the request is required or claims to be required by Law;
- (f) becomes aware of a Data Loss Event.

15.19 Any requirement to notify under clause 15.17 includes the provision of further information to the Authority in stages as details become available.

15.20 The Supplier must promptly provide the Authority with full assistance in relation to any Party's obligations under Data Protection Legislation and any complaint, communication or request made under clause 15.17. This includes giving the Authority:

- (a) full details and copies of the complaint, communication or request;
- (b) reasonably requested assistance so that it can comply with a Data Subject Access Request within the relevant timescales in the Data Protection Legislation;
- (c) any Personal Data it holds in relation to a Data Subject on request;
- (d) assistance that it requests following any Data Loss Event;
- (e) assistance that it requests relating to a consultation with, or request from, the Information Commissioner's Office.

15.21 The Supplier must maintain full, accurate records and information to show it complies with this clause 15. This requirement does not apply where the Supplier employs fewer than 250 staff, unless either the Authority determines that the processing:

- (a) is not occasional;
- (b) 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;
- (c) is likely to result in a risk to the rights and freedoms of Data Subjects.

15.22 The Supplier will make available to the Authority all information necessary to demonstrate compliance with clause 15 and allow for and contribute to audits, including inspections, conducted by the Authority or another auditor appointed by the Authority.

15.23 The Supplier must appoint a Data Protection Officer responsible for observing its obligations in this Contract and give the Authority their contact details.

15.24 Before allowing any Subprocessor to process any Personal Data, the Supplier must:

- (a) notify the Authority in writing of the intended Subprocessor and processing;

(b) obtain the written consent of the Authority;

(c) enter into a written contract with the Subprocessor so that this clause 15 applies to the Subprocessor;

(d) provide the Authority with any information about the Subprocessor that the Authority reasonably requires.

15.25 The Supplier remains fully liable for all acts or omissions of any Subprocessor.

15.26 At any time the Authority can, with 30 Working Days' notice to the Supplier, change this clause 15 to:

(a) replace it with any applicable standard clauses (between the controller and processor) or similar terms forming part of an applicable certification scheme under UK GDPR Article 42;

(b) ensure it complies with guidance issued by the Information Commissioner's Office.

15.27 The Parties agree to take account of any non-mandatory guidance issued by the Information Commissioner's Office.

15.28 The Supplier:

(a) must provide the Authority with all Authority Data in an agreed open format within 10 Working Days of a written request;

(b) must have documented processes to guarantee prompt availability of Authority Data if the Supplier stops trading;

(c) must securely destroy all storage media that has held Authority Data at the end of life of that media using Good Industry Practice;

(d) must securely erase or return all Authority Data and any copies it holds when asked to do so by the Authority unless required by Law to retain it;

(e) indemnifies the Authority against any and all losses, damages, costs or expenses (including professional fees and fines) incurred if the Supplier breaches clause 15 and any Data Protection Legislation.

## 16. What you must keep confidential

16.1 Each Party must:

(a) keep all Confidential Information it receives confidential and secure;

(b) 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 the Contract;

(c) immediately notify the disclosing Party if it suspects unauthorised access, copying, use or disclosure of the Confidential Information.

16.2 In spite of clause 16.1, a Party may disclose Confidential Information which it receives from the disclosing Party in any of the following instances:

(a) where disclosure is required by applicable law, permitted in respect of an audit pursuant to clause 7.3, or by 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;

- (b) if the recipient Party already had the information without obligation of confidentiality before it was disclosed by the disclosing Party;
- (c) if the information was given to it by a third party without obligation of confidentiality;
- (d) if the information was in the public domain at the time of the disclosure;
- (e) if the information was independently developed without access to the disclosing Party's Confidential Information;
- (f) to its auditors or for the purposes of regulatory requirements;
- (g) on a confidential basis, to its professional advisers on a need-to-know basis;
- (h) 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.

16.3 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 the Contract. The Supplier Staff must enter into a direct confidentiality agreement with the Authority at its request.

16.4 The Authority may disclose Confidential Information in any of the following cases:

- (a) on a confidential basis to the employees, agents, consultants and contractors of the Authority;
- (b) on a confidential basis to any other Central Government Body, any successor body to a Central Government Body or any organisation that the Authority transfers or proposes to transfer all or any part of its business to;
- (c) if the Authority (acting reasonably) considers disclosure necessary or appropriate to carry out its public functions;
- (d) where requested by Parliament; and/or
- (e) under clauses 5.7 and 17.

16.5 For the purposes of clauses 16.2 to 16.4 references to disclosure on a confidential basis means disclosure under a confidentiality agreement or arrangement including terms as strict as those required in clause 16.

16.6 Information which is exempt from disclosure by clause 17 is not Confidential Information.

16.7 The Supplier must not make any press announcement or publicise the Contract or any part of it in any way, without the prior written consent of the Authority and must take all reasonable steps to ensure that Supplier Staff do not either.

16.8 Where essential to comply with or carry out their statutory functions the Authority may disclose Confidential Information.

## 17. When you can share information

17.1 The Supplier must tell the Authority within 48 hours if it receives a Request For Information.

17.2 Within the required timescales the Supplier must give the Authority full co-operation and information needed so the Authority can:



(a) comply with any Freedom of Information Act (FOIA) request;

(b) comply with any Environmental Information Regulations (EIR) request.

17.3 The Authority may talk to the Supplier to help it decide whether to publish information under clause 17. However, the extent, content and format of the disclosure is the Authority's decision, which does not need to be reasonable.

## **18. Invalid parts of the contract**

If any part of the Contract is prohibited by Law or judged by a court to be unlawful, void or unenforceable, it must be read as if it was removed from that Contract as much as required and rendered ineffective as far as possible without affecting the rest of the Contract, whether it's valid or enforceable.

## **19. No other terms apply**

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

## **20. Other people's rights in a contract**

No third parties may use the Contracts (Rights of Third Parties) Act 1999 (CRTPA) to enforce any term of the Contract unless stated (referring to CRTPA) in the Contract. This does not affect third party rights and remedies that exist independently from CRTPA.

## **21. Circumstances beyond your control**

21.1 Any Party affected by a Force Majeure Event is excused from performing its obligations under the Contract while the inability to perform continues, if it both:

(a) provides written notice to the other Party;

(b) uses all reasonable measures practical to reduce the impact of the Force Majeure Event.

21.2 Either party can partially or fully terminate the Contract if the provision of the Deliverables is materially affected by a Force Majeure Event and the impact of such event lasts for 90 days continuously.

21.3 Where a Party terminates under clause 21.2:

(a) each party must cover its own losses;

(b) clause 11.5(b) to 11.5(g) applies.

## **22. 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.

## **23. Giving up contract rights**

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

## 24. Transferring responsibilities

24.1 The Supplier cannot assign the Contract, or any rights under it, without the Authority's written consent.

24.2 The Authority can assign, novate or transfer its Contract or any part of it to any Crown Body, any contracting authority within the meaning of the Regulations or any private sector body which performs the functions of the Authority.

24.3 When the Authority uses its rights under clause 24.2 the Supplier must enter into a novation agreement in the form that the Authority specifies.

24.4 The Supplier remains responsible for all acts and omissions of the Supplier Staff as if they were its own.

24.5 If the Authority asks the Supplier for details about its subcontractors and/or supply chain, the Supplier must provide such details as the Authority reasonably requests including, without limitation:

- (a) their name;
- (b) the scope of their appointment; and
- (c) the duration of their appointment.

## 25. Changing the contract

25.1 Either Party can request a variation to the Contract which is only effective if agreed in writing and signed by both Parties. No oral modifications to the Contract shall be effective. The Authority is not required to accept a variation request made by the Supplier.

## 26. How to communicate about the contract

26.1 All notices under the 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 when sent unless an error message is received.

26.2 Notices to the Authority or Supplier must be sent to their address in the Order Form.

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

## 27. Preventing fraud, bribery and corruption

27.1 The Supplier shall not:

- (a) commit any criminal offence referred to in the Regulations 57(1) and 57(2);
- (b) offer, give, or agree to give anything, to any person (whether working for or engaged by the Authority or any other public body) an inducement or reward for doing, refraining from doing, or for having done or refrained from doing, any act in relation to the obtaining or execution of the Contract or any other public function or for showing or refraining from showing favour or disfavour to any person in relation to the Contract or any other public function.

27.2 The Supplier shall take all reasonable steps (including creating, maintaining and enforcing adequate policies, procedures and records), in accordance with good industry practice, to prevent any matters referred to in clause 27.1 and any fraud by the Supplier, Supplier Staff (including its shareholders, members and directors), any subcontractor and the Supplier's supply chain in connection with the Contract. The Supplier shall notify the Authority immediately if it has reason to suspect that any such matters have occurred or is occurring or is likely to occur.

27.3 If the Supplier or the Supplier Staff engages in conduct prohibited by clause 27.1 or commits fraud in relation to the Contract or any other contract with the Crown (including the Authority) the Authority may:

(a) terminate the Contract and recover from the Supplier the amount of any loss suffered by the Authority resulting from the termination, including the cost reasonably incurred by the Authority of making other arrangements for the supply of the Deliverables and any additional expenditure incurred by the Authority throughout the remainder of the Contract; or

(b) recover in full from the Supplier any other loss sustained by the Authority in consequence of any breach of this clause.

## 28. Health, safety and wellbeing

28.1 The Supplier must perform its obligations meeting the requirements of:

- (a) all applicable Law regarding health and safety;
- (b) the Authority's current health and safety policy and procedures while at the Authority's premises, as provided to the Supplier.
- (c) the Authority's current wellbeing policy or requirements while at the Authority's premises as provided to the Supplier.

28.2 The Supplier and the Authority must as soon as possible notify the other of any health and safety incidents, near misses or material hazards they're aware of at the Authority premises that relate to the performance of the Contract.

28.3 Where the Services are to be performed on the Authority's premises, the Authority and Supplier will undertake a joint risk assessment with any actions being appropriate, recorded and monitored.

28.4 The Supplier must ensure their health and safety policy statement and management arrangements are kept up to date and made available to the Authority on request.

28.5 The Supplier shall not assign any role to the Authority under the Construction (Design and Management) Regulations 2015 (as amended) (the 'CDM Regulations') without the Authority's prior express written consent (which may be granted or withheld at the Authority's absolute discretion). For the avoidance of doubt so far as the Authority may fall within the role of client as defined by the CDM Regulations in accordance with CDM Regulation 4(8) the parties agree that the Supplier will be the client.

## 29. Business Continuity

29.1 The Supplier will have a current business continuity plan, which has assessed the risks to its business site/s and activities both directly and with regards to reliance on the supply chain and will set out the contingency measures in place to mitigate them and adapt. As part of this assessment, the Supplier will take into account the business continuity plans of the supply chain. The Supplier's business continuity plan must include (where relevant), an assessment of impacts relating to extreme weather, a changing average climate and/or resource scarcity.

29.2 The Supplier's business continuity plan will be reviewed by the Supplier at regular intervals and after any disruption. The Supplier will make the plan available to the Authority on request and comply with reasonable requests by the Authority for information.

## 30. Whistleblowing

30.1 The Authority's whistleblowing helpline must be made available to the Supplier and Supplier Staff, subcontractors and key suppliers in the supply chain in order to report any concerns.

30.2 The Supplier agrees:

- (a) to insert the following wording into their whistleblowing policy and communicate to all staff:

"If you feel unable to raise your concern internally and it relates to work being carried out for which the ultimate beneficiary (through a contractual chain or otherwise) is the Environment Agency, please contact Peter Kellett, Director of Legal Services at Horizon House, Deanery Road, Bristol BS1 5AH, email [peter.kellett@environment-agency.gov.uk](mailto:peter.kellett@environment-agency.gov.uk) mobile 07810 180974", and

- (b) to ensure that their Sub-contractors have free access to the Authority's whistleblowing policy".

## 31. Tax

31.1 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 Authority cannot terminate the Contract where the Supplier has not paid a minor tax or social security contribution.

31.2 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:

- (a) 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;
- (b) indemnify the Authority 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 Term in connection with the provision of the Deliverables by the Supplier or any of the Supplier Staff.

31.3 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:

- (a) the Authority may, at any time during the term of the Contract, request that the Worker provides information which demonstrates they comply with clause 31.2, or why those requirements do not apply, the Authority can specify the information the Worker must provide and the deadline for responding;
- (b) the Worker's contract may be terminated at the Authority's request if the Worker fails to provide the information requested by the Authority within the time specified by the Authority;

- (c) the Worker's contract may be terminated at the Authority's request if the Worker provides information which the Authority considers isn't good enough to demonstrate how it complies with clause 31.2 or confirms that the Worker is not complying with those requirements;
- (d) the Authority may supply any information they receive from the Worker to HMRC for revenue collection and management.

## 32. Publicity

- 32.1 The Supplier and any subcontractor shall not make any press announcements or publicise this Contract or its contents in any way; without the prior written consent of the Authority.
- 32.2 Each Party acknowledges to the other that nothing in this Contract either expressly or by implication constitutes an endorsement of any products or services of the other Party and each Party agrees not to conduct itself in such a way as to imply or express any such approval or endorsement.

## 33. Conflict of interest

- 33.1 The Supplier must take action to ensure that neither the Supplier nor the Supplier Staff are placed in the position of an actual or potential conflict between the financial or personal duties of the Supplier or the Supplier Staff and the duties owed to the Authority under the Contract, in the reasonable opinion of the Authority.
- 33.2 The Supplier must promptly notify and provide details to the Authority if a conflict of interest happens or is expected to happen.
- 33.3 The Authority can terminate its Contract immediately by giving notice in writing to the Supplier or take any steps it thinks are necessary where there is or may be an actual or potential conflict of interest.

## 34. Reporting a breach of the contract

- 34.1 As soon as it is aware of it the Supplier and Supplier Staff must report to the Authority any actual or suspected breach of Law or breach of its obligations under the Contract.
- 34.2 Where an actual or suspected breach is notified to the Authority under clause 34.1, the Supplier will take such action to remedy any breach as the Authority may reasonably require. Where the breach is material, the Authority has the right to terminate under clause 11.4.
- 34.3 The Supplier must not retaliate against any of the Supplier Staff who in good faith reports a breach listed in clause 34.1.

## 35. Resolving disputes

- 35.1 If there is a dispute between the Parties, their senior representatives who have authority to settle the dispute will, within 28 days of a written request from the other Party, meet in good faith to resolve the dispute.
- 35.2 If the dispute is not resolved at that meeting, the Parties 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 35.3 to 35.5.

35.3 Unless the Authority refers the dispute to arbitration using clause 35.4, the Parties irrevocably agree that the courts of England and Wales have the exclusive jurisdiction to:

- (a) determine the dispute;
- (b) grant interim remedies;
- (c) grant any other provisional or protective relief.

35.4 The Supplier agrees that the Authority 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.

35.5 The Authority has the right to refer a dispute to arbitration even if the Supplier has started or has attempted to start court proceedings under clause 35.3, unless the Authority 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 35.4.

35.6 The Supplier cannot suspend the performance of the Contract during any dispute.

35.7 The provisions of this clause 35 are without prejudice to the Authority's right to terminate or suspend the Contract under clause 11.

## **36. Which law applies**

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

36.2 The courts of England and Wales shall have jurisdiction to settle any dispute or claim (whether contractual or non-contractual) that arises out of or in connection with the Contract or its subject matter or formation.