

Our Ref: CAS2020-3(CISG)

Date: 16th October 2020

Dear Contractor,

**Contract Ref: CAS2020-3(CISG)**

**Contract Title: Establishing how secondary abatement could be utilised to abate emissions of NOx and unburned hydrocarbons from Spark Ignition Engine`s, combusting a range of fuels and across a range of applications and operating patterns**

You are invited to quote for the above in accordance with the enclosed documents.

Instructions on what information we require you to provide is in Section 4 of the following Request for Quotation document.

Your response should be returned to the following email address by midnight on 13th November 2020.

Roger.Kidd@Environment-Agency.gov.uk

Please submit completed tenders by email to the above email address by the deadline date.

Please raise any queries as a Clarification Request to the above email address.

Yours sincerely

Roger Kidd

Advisor

Radioactive Substances and Installations Regulation Team

Environment & Business Directorate

Environment Agency

E-mail: Roger.Kidd@environment-agency.gov.uk

Telephone: +442084746792

**Request for Quotation**

**Ref: CAS2020-3(CISG)**

**Title: Establishing how secondary abatement could be utilised to abate emissions of NOx and unburned hydrocarbons from Spark Ignition Engine`s, combusting a range of fuels and across a range of applications and operating patterns**

**Section 1**

**1.1 Who is the Environment Agency?**

We are an Executive Non-departmental Public Body responsible to the Secretary of State for Environment, Food and Rural Affairs. Our principal aims are to protect and improve the environment, and to promote sustainable development.

Further information on our responsibilities, Corporate Plan and how we are structured can be found on our Website.

<https://www.gov.uk/government/organisations/environment-agency/about>

**1.2 What do we spend our money on?**

We are a major procurer of goods and services within the UK, spending circa £600M per annum, our major spend areas are:

* Flood and Coastal Risk Management (design, construction and maintenance)
* ICT and Telecommunications
* Vehicles and Plant
* Environmental Consultancy and Monitoring
* Temporary Staff and Contractors
* Facilities Management, Energy and Utilities
* Flood Management and Water Related Services

**1.3 What do we need from our suppliers?**

Suppliers are vital in supporting the delivery of our corporate plan. We aim to support the economy and society whilst delivering more environmental outcomes for every pound we spend. In many areas we are leading the way on environmental and technical developments. It is our role to ensure that suppliers clearly understand our corporate aims and objectives and know that we are committed to delivering the best value most sustainable solutions, taking into account the whole life cost of our procurement decisions. We promote diversity and equality and treat all of our suppliers fairly.

Our procurement strategy may be of interest to you as a potential supplier. It sets out our priorities and key commitments in a range of areas such as delivering our corporate plan, Government policy, supplier management and sustainable procurement:

<https://www.gov.uk/government/organisations/environment-agency/about/procurement#procurement-strategy>

**1.4 Further information**

For further information and to see our commitments to Diversity and Equality, please visit our website.

<https://www.gov.uk/government/organisations/environment-agency/about/procurement>

https://www.gov.uk/government/organisations/environment-agency/about/equality-and-diversity

Also, are you up to date on environmental legislation? See links below for further information.

Waste and Environmental Impact - <https://www.gov.uk/browse/business/waste-environment>

Environmental Regulations - <https://www.gov.uk/browse/business/waste-environment/environmental-regulations>’

**Section 2**

**2.1 Summary**

This contract is being commissioned through the Environment Agency’s Regulated Industry department which is part of the Environment & Business Directorate.

Regulated Industry leads on the regulation of a wide range of activities that affect the environment, people and the economy - from large industries to small companies and individuals.

## 2.2 Contract Length

It is anticipated that this contract will be awarded to one supplier for a period of approximately 4 months to end no later than 31/03/21. Prices will remain fixed for the duration of the contract award period. We may at our sole discretion extend this contract to include related or further work. Any extension shall be agreed in advance of any work commencing and may be subject to further competition. Any amendment to contract prices for the extensions are to be by negotiation.

The Environment Agency Conditions of Contract for Services (attached) shall apply to this contract.

This contract shall be managed on behalf of the Agency by Roger Kidd

**E:** Roger.Kidd@Environment-Agency.gov.uk **T:** +442084746792

## 2.3 Contact Details and Timeline

Roger Kidd will be your contact for any questions linked to the content of the quote pack or the process. Please submit any questions by email and note that both the question and the response will be circulated to all tenderers.

**Email:** Roger.Kidd@Environment-Agency.gov.uk

Key elements of the process have been reviewed. Anticipated dates for planned activities are below:

|  |  |
| --- | --- |
| **Activity** | **Due Date** |
| Supplier responses for Request for Quote | 13/11/20 |
| Evaluation of Request for Quote submissions | 16/11/20 |
| Award of contract | 20/11/20 |
| Project/Contract Start date | 30/11/20 |
| Project/Contract end date | 31/03/21 |

It should be noted that these timescales and activities may be subject to change.

**Section 3**

## Evaluation Criteria

We will award this contract in line with the most economically advantageous tender (MEAT) as set out in the following award criteria:

* Price – 40%
* Quality – 60%

The following quality criteria are weighted in accordance with the importance and relevance attached to each one.

* Experience of completing similar projects – 30%
* Skill, experience and adequacy of resources of technical staff – 20%
* Skill, experience and adequacy of resources of project management – 10%
* Ability to deliver a successful project to time and budget – 20%
* Proposed methodology – 20%

The criteria listed above will be assessed on a 0 to 10 basis and will reflect the following judgements:

|  |  |
| --- | --- |
| **Rating of Response**  **The tenderer provides a response which in the opinion of the evaluators is:** | **Score** |
| **Excellent:** Addresses all of the requirements and provides a response with relevant supporting information which does not contain any weaknesses, giving the Agency complete confidence that the requirements will be met. | 10 |
| **Very Good:** Addresses all of the requirements and provides a response with relevant supporting information, which contains very minor weaknesses, giving the Agency high confidence that the requirements will be met. | 8 |
| **Good:** Addresses all of the requirements and provides a response with relevant supporting information, which contains minor weaknesses, giving the Agency reasonable confidence that the requirements will be met. | 6 |
| **Satisfactory:** Substantially addresses the requirements and provides a response with relevant supporting information which may contain moderate weaknesses, but gives the Agency some confidence that the requirements will be met. | 4 |
| **Weak:** Partially addresses the requirements, or provides supporting information that is of limited relevance or contains significant weaknesses, and therefore gives the Agency low confidence that the requirements will be met. | 2 |
| **Nil:** No response or provides a response that gives the Agency no confidence that the requirements will be met. | 0 |

For the ‘experience of completing similar projects’ and ‘proposed methodology’ components potential contractors must reach a minimum score ‘4 satisfactory’ to be considered for this contract.

**Section 4**

**Information to be returned**

**Please note, the following information requested must be provided. Incomplete tender submissions may be discounted.**

Please complete and return the following information:

* Details of your proposed methodology including how you intend to deliver the project on time and to budget;
* Details of work you have recently completed on similar projects;
* Details of your technical team including experience, qualifications and expertise in this area (please don’t include CVs);
* Details of your project management team including experience and qualifications (please don’t include CVs);
* Completed Pricing Schedule ([Appendix A](#AnnexA));
* Completed Prior Rights Schedule ([Appendix B](#AnnexB));
* Completed Schedule of Processing, Personal Data and Data Subjects (Appendix C, Annex 1)
* Confirmation that terms and conditions are accepted ([Appendix](#AnnexC) D). Please note that the terms are not negotiable and cannot be amended post tender).

**Section 5**

**Specification**

# Background to the Requirement

Reciprocating engines are a mature technology utilised in a wide variety of industrial and commercial stand-alone power and/or combined heat and power applications. They are a common technology on processes regulated by the Environment Agency and are being utilised for flexible gas generation across the UK to support the transition to renewable electricity supply.

NOx control on reciprocating engines has principally been through primary controls on combustion which in general, is sufficient to meet emission limits specified by the Medium Combustion Plant Directive and Specified Generator regulations. Engines are however known to experience “methane slip” which can be influenced by the maintenance strategy as well as combustion control.

Selective Catalytic Reduction (SCR) has mainly been used where local air quality standards require significant reduction of NOx emissions, and where it is used there is evidence that rich-burn and SCR combined can both reduce NOx emissions and increase energy output. Whilst the LCP BREF derives BAT AEL`s for Methane and Ammonia that can be applied to plant >15MWth, neither the cross media effects and constraints on using secondary abatement techniques are not particularly well quantified or documented.

Both the UK`s Clean Air Strategy and the NECD require action on nitrogen dioxide and ammonia reduction. The Environment Agency are looking to engage a consultant to explore what opportunities and limitations exist for further NOx reduction on Medium Combustion Plant scale activities through rich burn combustion with SCR, reducing methane slip and increasing power output, without resulting in unacceptable cross media effects.

The output from this process will also be used to support the development of the Best Available Techniques (BAT) under a future framework for UK BAT, where BAT applies, and best practice for medium sized combustion plant.

# Specific Objectives/Deliverables

The output will be;

A technical report quantifying and evaluating the cross media impacts and constraints influencing the use of techniques to reduce NOx emissions on Spark-Ignition engines taking into account of;

1. primary NOx control through combustion management (e.g. lean burn, low NOx technologies);
2. the use of secondary abatement, including but not necessarily limited to 3 way catalysts, catalytic convertors and reagent injection, In-duct SCR;
3. the use of oxidation catalysts to mitigate unburned hydrocarbons.

The report shall;

* Provide a written description of the principle causes of NOx formation, methane slip and release of formaldehyde on spark ignition engines.
* Provide a written description and evaluation of the available techniques for the minimisation and prevention of NOx, formaldehyde, methane slip from the combustion of fuels in Spark Ignition engines. This shall include optimised combustion control and abatement techniques.
* Compare the performance of different engine sizes burning different fuels for NOx emissions and methane slip
* Confirm whether fuel choice impacts the use or effectiveness of secondary abatement techniques on these fuels
* Fuels shall include natural gas (pipeline gas), biogas, and gaseous fuels other than natural gas, combusted on their own, or through multi-fuel firing.
* Quantify the constraints for retrofitting abatement, identifying barriers that will influence the further take up of secondary abatement. This shall include but not necessarily be limited to considering existing / new plant, plant capacity, multiple engine array`s, age of engine, design & control technology, fuels, operational hours, varying load and operating patterns, space availability, cost, impact on usable heat.
* Confirm the feasibility of applying common SCR systems for multiple engine array`s e.g. 10 engines at 4.9MWth input, and how this may influence typical installation costs
* Quantify the cross media effects of using optimised combustion control and/or secondary abatement which shall have reference to Annex III IED and include, but not necessarily be limited to;
  + Increased emissions to air of ammonia
  + Impact on methane slip
  + Energy efficiency
  + Resource efficiency (e.g. urea use) and associated impact on GWP
  + Plant reliability and maintenance requirements
* Quantify typical CAPEX and OPEX costs associated with installing and running secondary abatement, covering reagent, catalyst maintenance and control system costs to inform a cost-benefit analysis of reducing emissions of NOx emissions on reciprocating engines which takes into account the cross-media effects identified
* Evidence that SCR can meet ELV`s within the time limits specified by EPR 2016 Schedule 25(B) for Tranche B Specified Generators following start up
* Evidence the implementation and performance of using oxidising catalysts for the abatement of CO, CH4 and CH20 to manage methane slip.
* Identify techniques for avoiding poisoning catalysts on different fuels
* Identify techniques for monitoring drift of methane slip due to combustion and/or poor maintenance of engines.

The successful consultancy will apply their own approach and methodology; however this must consider the following:

* The assessment should review existing literature and publicly available data and carry out interviews with industry service providers and operators as appropriate
* The assessment should ensure that the BAT techniques identified are technically and economically viable in the sector as a whole
* Reference should be made to the Industrial Emission Directive 2010/75/EU Articles 14(5),14(6) and Annexe III to ensure that report enables compliance with these requirements

Although the successful consultant will propose and apply their own approach and methodology, it is anticipated that the following tasks would support this programme of work:

**Step 1: Literature/data review**

* Undertake a review of existing literature and publicly available data, including that held by the Environment Agency
* This should include information published by public international organisations where appropriate

**Step 2: Engagement with relevant stakeholders**

* Undertake primary research by making contact with industry service providers and operators to identify BAT options for this activity

**Step 3: Analysis**

* Compile a long list of all options identified including, where appropriate, emerging technologies
* Compile shortlist of options which are available for deployment and confirm shortlist for detailed assessment with EA project manager
* Carry out an appropriate BAT assessment for each option comparing the key environmental performance aspects as listed above where appropriate (assessment method to be proposed by the consultant in the tender)
* Where available and appropriate, provide ranges of achievable performance bands for each type of plant and optimisation trade-offs that may be encountered

**Step 4: Reporting**

* Produce a draft report which recommends what constitutes BAT for engines under different scenario`s
* Consult on draft report with EA project manager and industry contacts
* Produce final report

It will be the responsibility of the successful consultancy to ensure that the work is completed on time and to the agreed budget.

### Timescales/Deadlines

The preferred completion date for this work is 31/12/21.

The following gives indicative timescales for the work.

|  |  |  |  |
| --- | --- | --- | --- |
| Task No. | Deliverable | Responsible party | Date of completion, end: |
| 0 | Attend start up meeting – finalise methodology | EA/Contractor | 4th December 2020 |
| 1 | Literature/Data review | Contractor | 18th December |
| 2 | Engagement with relevant stakeholders | Contractor | 28th December |
| 3.1 | Long list and short list developed and discussed and agreed with Project Manager | Contractors/EA | 22nd January 2021 |
| 3.2 | Carry out BAT assessment as per agreed methodology and provide performance bands for different techniques | Contractor | 19th February |
| 4.1 | Produce draft report | Contractor | 26th February |
| 4.2 | Consultation and responses from regulators | Contractor | 5th March |
| 4.4 | Produce 2nd draft | Contractor | 19th March |
| 4.5 | Final report | Contractor | 31st March 2021 |
|  | Publish report | EA (not part of tender) | April/May 2021 |

### 5.4 Skills of Personnel Required

Contractors wishing to tender to undertake this piece of work will be expected to have experience of undertaking similar pieces of work with knowledge of both spark ignition engine installation for a variety of applications and the determination of best available techniques.

**Section 6**

**6.1 Contract Management**

This contract shall be managed on behalf of the Environment Agency by Roger Kidd – E: Roger.Kidd@Environment-Agency.gov.uk T: +442084746792

The successful contractor will be required to provide regular email updates on progress and dial into ad hoc meetings with the project advisory group.

The Environment Agency project manager will raise purchase orders to cover the cost of the services and will issue to the awarded supplier following contract award.

Invoice should be submitted once the work has been completed on sign off of the final report by the Environment Agency project manager.

Before the invoice is issued, a fee note must be emailed in advance to the project manager for approval. All invoices must quote the purchase order number in order to be processed. A file copy invoice must be provided to the project manager, on request. The timescale for payment of invoices will be up to 30 days after we have received a valid invoice.

**Section 7**

**7.1 Sustainability Considerations**

We are committed to continually improving our sustainability performance. The Environment Agency has set itself tough objectives as a clear commitment and contribution to sustainable development throughout England. The Agency recognises that this can only be achieved through commitment from all sectors of society and it is intent on raising awareness amongst industry and commerce.

Contractors must adopt a sound proactive environmental approach, designed to minimise harm to the environment.

Environmental criteria should be considered as part of your tender submission with credit given for innovation. Factors to be considered could include areas such as:

* + - Paper use: All documents and reports prepared by consultants and contractors are produced electronically wherever possible. Where hard copies are required these should be on recycled paper containing at least 100% post consumer waste and printed double sided.
    - Travel: use of public transport, reduce face to face meetings by using email and videoconferencing. Meetings to be held in locations to minimise travel and close to public transport links.

**7.2 Diversity and Equal Opportunities**

We are committed to promoting equality and diversity in all we do and valuing the diversity of our workforce, customers and communities.  As a public body, we publish regular information about what our equality objectives are and how we’re meeting them.

<https://www.gov.uk/government/organisations/environment-agency/about/equality-and-diversity>

**7.3 Health and Safety**

Contractors will be responsible for making sure all required health and safety aspects including risk assessments and compliance with government guidelines on Covid 19 measures are undertaken and the required management measures are in place to protect worker exposure. This includes management of all partners, consortium members and subcontractors.

* 1. **Internal Environmental Management 2020**

## Sustainability Objectives - As the Environment Agency, our overarching aim is to protect and improve the environment for people and wildlife. Over the last 10 years we have achieved significant reductions in our environmental impacts that occur through our everyday operations. This included a 40% reduction in our carbon emissions and a 37% reduction in the number of miles we travel. This year we have launched our new Internal Environmental Management strategy to take us through to 2020, building on these successes and widening our ambition.

**Supply chain -** Our 2020 approach will have a very strong emphasis on the indirect impacts of our supply chain. Our supply chain accounts for over 70% of our total environmental impacts.

Working with our supply chain we want to be world class in the area of environmental management. The environmental impacts of our work and that delivered by and through our supply chain must be reduced; environmental risks must be effectively managed and opportunities for enhancements investigated.

As an organisation, our environmental management system (EMS) is accredited to ISO14001 and EMAS standards. Our procurement activities form part of this system; driving environmental performance improvements across the value chain.

## Section 8

### Additional Information

### 8.1 Copyright and confidentiality

Unless otherwise indicated, the copyright in all of the documentation belongs to the Environment Agency, and the documentation is to be returned to us with your tender. The contents of the documentation must be held in confidence by you and not disclosed to any third party other than is strictly necessary for the purposes of submitting your quote. You must also ensure that a similar obligation of confidentiality is placed upon any third party to whom you may need to disclose any of the documentation for the purposes of the tender.

### 8.2 Accuracy of documentation

You should check all documentation; should any part be found to be missing or unclear you should immediately contact us at the address given in the covering letter. No liability will be accepted by the Environment Agency for any omission or errors in the documentation which could have been identified by you.

### 8.3 Amendments to documentation

Prior to the date for return of tenders, we may clarify, amend or add to the documentation. A copy of each instruction will be issued to every Tenderer and shall form part of the documentation. No amendment shall be made to the documentation unless it is the subject of an instruction. The Tenderer shall promptly acknowledge receipt of such instructions.

### 8.4 Alternative Offers

Alternative offers may be considered if they constitute a fully priced alternative and are submitted in addition to a quotation complying with the requirements of the Invitation to Quote Documents. If, for any reason you wish to submit an alternative offer without a fully compliant tender please contact us in accordance with the details in the covering letter.

## 8.5 Continuity of personnel

The Contractor shall employ sufficient staff to ensure that the Services are provided at all times and in all respects to the Project Standard. It shall be the duty of the Contractor to ensure that a sufficient reserve of staff is available to ensure project delivery in the event of staff holidays, sickness or voluntary absence

The Environment Agency will be notified immediately of any changes to personnel associated with the project. The Contractor will ensure that every effort is made to replace outgoing staff with personnel of equal calibre and expertise. All new members of staff undertaking work for the Project will need to be agreed by the Environment Agency prior to commencement.

At all times, the Contractor shall only employ in the execution and superintendence of the Contract persons who are suitable and appropriately skilled and experienced.

## 8.6 Intellectual property rights

All results, including material and tools produced, developed or paid for under this contract shall be the property of the Environment Agency.

## 8.7 References

The Environment Agency may request recent and relevant references prior to the award of the project.

**8.8 Contract award**

This Request for Quote is issued in good faith but we reserve the right not to award any or all of this work.

**Section 9**

### DATA PROTECTION ACT ADDENDUM TO SPECIFICATION

## 9.1 Protection of personal data

In order to comply with the Data Protection Act 1998 the Contractor must agree to the following:

* You must only process the personal data in strict accordance with instructions from the Environment Agency.
* You must ensure that all the personal data that we disclose to you or you collect on our behalf under this agreement are kept confidential.
* You must take reasonable steps to ensure the reliability of employees who have access to personal data.
* Only employees who may be required to assist in meeting the obligations under this agreement may have access to the personal data.
* Any disclosure of personal data must be made in confidence and extend only so far as that which is specifically necessary for the purposes of this agreement.
* You must ensure that there are appropriate security measures in place to safeguard against any unauthorised access or unlawful processing or accidental loss, destruction or damage or disclosure of the personal data.
* On termination of this agreement, for whatever reason, the personal data must be returned to us promptly and safely, together with all copies in your possession or control.

# ANNEX A - PRICING SCHEDULE

ALL COSTS QUOTED MUST BE EXCLUSIVE OF VAT

All costs must be quoted on this schedule. Any costs not detailed will not be paid.

**Staff Costs**

Please detail the day rates of your proposed personnel in the table below.

(Please also advise how many hours you constitute a working day)

Please detail your task costs in the table below.

|  |  |  |  |
| --- | --- | --- | --- |
| **Cost Proposal (To be completed by Supplier)** | | | |
| **Tasks** | **Hourly Rate** | **No of Hours** | **Cost** |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
| Total Staff Costs | | |  |
| **Expenses (please detail type, i.e. travel etc)** | | |  |
| **Discounts applied (please detail)** | | |  |
| **Total Overall Cost** | | |  |

**Other costs**

Please state any other costs that will need to be taken into consideration.

|  |  |
| --- | --- |
| **DESCRIPTION** | **COST** £ |
| **1. Other costs (please detail)** |  |
| **2. Other costs (please detail)** |  |
| **3. Other costs (please detail)** |  |
| **TOTAL** |  |

**Discounts, rebates and reductions**

Please detail below any discounts, rebates and other reductions you are prepared to offer and the basis of those incentives

|  |  |
| --- | --- |
| **DESCRIPTION** | **AMOUNT** £ |
|  |  |
|  |  |
|  |  |
| **TOTAL** |  |

**Total Overall Cost**

Please detail the total fixed cost for the project

|  |  |
| --- | --- |
| **ITEM** | **TOTAL AMOUNT** £ |
| **Staff Costs** |  |
| **Other Costs** |  |
| **Discounts/reductions** |  |
| **TOTAL Overall Cost** |  |

The following limits will be applicable to all claims for travel and subsistence under this contract:

1. Travel by rail: standard class should be used at all times
2. Travel by car: 45 pence/mile

Hotel bookings should be made through the Environment Agency’s corporate travel contract. Details of this contract are available from the Corporate Contracting Team.

When making reservations you should state that you are a contractor working on Environment Agency business.

Hotel charges must not exceed a maximum limit per night bed and breakfast (VAT included) of: £140 in London; £100 in Bristol; £90 in Warrington; £85 in Reading; £75 in Aberdeen, Birmingham, Belfast, Cardiff, Coventry, Edinburgh, Glasgow, Harlow, Leeds, Manchester, Middlesbrough, Newcastle, Oxford, Portsmouth, Sheffield and York; and £70 in all other destinations. Please note that these hotel ceiling rates are subject to change throughout the life of the contract.

Expenditure on dinner during an overnight stay must not exceed a maximum limit of £25, including a drink.

Receipts for all rail travel, hotel and food expenses will be required as proof of expenditure and will be reimbursed at cost. No profit or additional cost shall be applied by the contractor to such personal expenses.

**APPENDIX B - PRIOR RIGHTS SCHEDULE**

Details of Prior Rights held by the Parties

**(Only to completed by the successful bidder and updated as Rights are introduced during the period of the Contract)**

Prior Rights owned or lawfully used by a Party, whether under licence or otherwise, which it introduces to the Project for the purposes of fulfilling its obligations under the Contract

Held by the Environment Agency

|  |  |  |
| --- | --- | --- |
| **Name and description of Prior Rights** | **Extent of proposed use in the Project** | **Proprietary owner of the Prior Rights** |
|  |  |  |
|  |  |  |
|  |  |  |

Held by the Contractor

|  |  |  |
| --- | --- | --- |
| **Name and description of Prior Rights** | **Extent of proposed use in the Project** | **Proprietary owner of the Prior Rights** |
|  |  |  |
|  |  |  |
|  |  |  |

**Explanation of Contractor's Prior Rights**  
All Intellectual Property Rights owned by or lawfully used by the Contractor, whether under licence or otherwise before the date of this Contract. It can also mean any invention and know how or other intellectual property (whether or not patentable) owned by one of the parties prior to the commencement of the Project, or devised or discovered by one of them only in the course of other projects during the Project period and not arising directly from the Project.

# APPENDIX C – Data protection

1. This Appendix C applies where one Party processes data on behalf of another Party within the meaning of the Data Protection Legislation. Where this Appendix C applies, ‘the Controller’ means the Party which is the ‘controller’, and ‘the Processor’ means the Party which is the ‘processor’, in relation to such processing within the meaning of the GDPR.
2. In this Appendix C (including its Annexes):

“Data Loss Event” means any event that results, or may result, in unauthorised access to Personal Data held by the Processor under this Agreement, and/or actual or potential loss and/or destruction of Personal Data in breach of this Agreement, including any Personal Data Breach

“Data Protection Impact Assessment” means an assessment by the Controller of the impact of the envisaged processing on the protection of Personal Data

“Data Protection Legislation” means (i) the General Data Protection Regulation (Regulation (EU) 2016/679) or “GDPR”, the Law Enforcement Directive (Directive (EU) 2016/680) ("LED") and any applicable national implementing Laws as amended from time to time (ii) the Data Protection Act 1998 and/or the Data Protection Act 2018 to the extent that it relates to processing of personal data and privacy; and (iii) all applicable Law about the processing of personal data and privacy

“Data Subject”, “Personal Data”, “Personal Data Breach”, “Processing” (and cognate terms) and “Data Protection Officer” have the meanings given in the GDPR

“Data Subject Access Request” means 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

“Joint Controllers” means two or more controllers (within the meaning of the GDPR who jointly determine the purposes and means of processing (and “Joint Control” shall be construed accordingly)

“Law” means any law, subordinate legislation within the meaning of Section 21(1) of the Interpretation Act 1978, bye-law, enforceable right within the meaning of Section 2 of the European Communities Act 1972, regulation, order, regulatory policy, mandatory guidance or code of practice, judgment of a relevant court of law, or directives or requirements with which the Controller is bound to comply

“Processor Personnel” means all directors, officers, employees, agents, consultants and contractors of the Processor and/or of any Sub-processor engaged in the performance of its obligations under this Agreement

“Protective Measures” means appropriate technical and organisational measures which may include but are not limited to: pseudonymising and encrypting Personal Data, ensuring confidentiality, integrity, availability and resilience of systems and services, ensuring that availability of and access to Personal Data can be restored in a timely manner after an incident, and regularly assessing and evaluating the effectiveness of such measures adopted by it including those outlined in Annex 1

“Sub-processor” means any third party appointed to process Personal Data on behalf of the Processor in relation to this Agreement

“Working Day” means any day which is not a Saturday, a Sunday or a public holiday in England

reference to a ‘paragraph’ or ‘Annex’ is to a paragraph of, or Annex to, this Appendix C (as the case may be).

1. The Processing that the Processor is authorised to do is as exhaustively set out in Annex 1 by the Controller and may not be determined by the Processor.
2. The Processor shall notify the Controller immediately if it considers that any of the Controller's instructions infringe the Data Protection Legislation.
3. The Processor shall provide all reasonable assistance to the Controller in the preparation of any Data Protection Impact Assessment prior to commencing any Processing. Such assistance may, at the discretion of the Controller, include:
   1. a systematic description of the envisaged Processing operations and the purpose of the Processing;
   2. an assessment of the necessity and proportionality of the Processing operations in relation to the purposes of such operations;
   3. an assessment of the risks to the rights and freedoms of Data Subjects; and
   4. the measures envisaged to address the risks, including safeguards, security measures and mechanisms to ensure the protection of Personal Data.
4. The Processor shall, in relation to any Personal Data Processed in connection with its obligations under this Agreement:
   1. Process that Personal Data only in accordance with Annex 1, unless the Processor is required to do otherwise by Law. If it is so required the Processor shall promptly notify the Controller before Processing the Personal Data unless prohibited by Law;
   2. ensure that it has in place Protective Measures, which are appropriate to protect against a Data Loss Event, which the Controller may reasonably reject (but failure to reject shall not amount to approval by the Controller of the adequacy of the Protective Measures), having taken account of the:
      1. nature of the data to be protected;
      2. harm that might result from a Data Loss Event;
      3. state of technological development; and
      4. cost of implementing any measures;
   3. ensure that :
      1. the Processor Personnel do not Process Personal Data except in accordance with this Agreement (and in particular Annex 1);
      2. it takes all reasonable steps to ensure the reliability and integrity of any Processor Personnel who have access to the Personal Data and ensure that they:
         1. are aware of and comply with the Processor’s duties under this paragraph 6;
         2. are subject to appropriate confidentiality undertakings with the Processor or any Sub-processor;
         3. are informed of the confidential nature of the Personal Data and do not publish, disclose or divulge any of the Personal Data to any third party unless directed in writing to do so by the Controller or as otherwise permitted by this Agreement; and
         4. have undergone adequate training in the use, care, protection and handling of Personal Data;
   4. not transfer Personal Data outside of the United Kingdom and European Union unless the prior written consent of the Controller has been obtained and the following conditions are fulfilled:
      1. the Controller or the Processor has provided appropriate safeguards in relation to the transfer (whether in accordance with GDPR Article 46 or LED Article 37) as determined by the Controller;
      2. the Data Subject has enforceable rights and effective legal remedies;
      3. the Processor complies with its obligations under the Data Protection Legislation by providing an adequate level of protection to any Personal Data that is transferred (or, if it is not so bound, uses its best endeavours to assist the Controller in meeting its obligations); and
      4. the Processor complies with any reasonable instructions notified to it in advance by the Controller with respect to the processing of the Personal Data;
   5. at the written direction of the Controller, delete or return Personal Data (and any copies of it) to the Controller on termination or expiry of this Agreement unless the Processor is required by Law to retain the Personal Data.
5. Subject to paragraph 8, the Processor shall notify the Controller immediately if it:
   * 1. receives a Data Subject Request (or purported Data Subject Request);
     2. receives a request to rectify, block or erase any Personal Data;
     3. receives any other request, complaint or communication relating to either Party's obligations under the Data Protection Legislation;
     4. receives any communication from the Information Commissioner or any other regulatory authority in connection with Personal Data processed under this Agreement;
     5. receives a request from any third party for disclosure of Personal Data where compliance with such request is required or purported to be required by Law; or
     6. becomes aware of a Data Loss Event.
6. The Processor’s obligation to notify under paragraph 7 shall include the provision of further information to the Controller in phases, as details become available.
7. Taking into account the nature of the processing, the Processor shall provide the Controller with full assistance in relation to either Party's obligations under Data Protection Legislation and any complaint, communication or request relating to such obligations (and insofar as possible within the timescales reasonably required by the Controller) including by promptly providing:
   * 1. the Controller with full details and copies of the complaint, communication or request;
     2. such assistance as is reasonably requested by the Controller to enable the Controller to comply with a Data Subject Request within the relevant timescales set out in the Data Protection Legislation;
     3. the Controller, at its request, with any Personal Data it holds in relation to a Data Subject;
     4. assistance as requested by the Controller following any Data Loss Event;
     5. assistance as requested by the Controller with respect to any request from the Information Commissioner’s Office, or any consultation by the Controller with the Information Commissioner's Office.
8. The Processor shall maintain complete and accurate records and information to demonstrate its compliance with this Appendix C. This requirement does not apply where the Processor employs fewer than 250 staff, unless:
   * 1. the Controller determines that the Processing is not occasional;
     2. the Controller determines that the Processing includes special categories of data as referred to in Article 9(1) of the GDPR or Personal Data relating to criminal convictions and offences referred to in Article 10 of the GDPR; or
     3. the Controller determines that the Processing is likely to result in a risk to the rights and freedoms of Data Subjects.
9. The Processor shall allow for audits of its Personal Data Processing activity by the Controller or the Controller’s designated auditor.
10. Each Party shall designate its own Data Protection Officer if required by the Data Protection Legislation.
11. Before allowing any Sub-processor to Process any Personal Data related to this Agreement, the Processor must:
    * 1. notify the Controller in writing of the intended Sub-processor and Processing;
      2. obtain the written consent of the Controller;
      3. enter into a written agreement with the Sub-processor which gives effect to the terms set out in this Schedule such that they apply to the Sub-processor; and
      4. provide the Controller with such information regarding the Sub-processor as the Controller may reasonably require.
12. The Processor shall remain fully liable for all acts or omissions of any of its Sub-processors.
13. The Controller may, at any time on not less than 30 Working Days’ notice, revise this Appendix C by replacing it with any applicable controller to processor standard clauses or similar terms forming part of an applicable certification scheme (which shall take effect on the expiry of such notice period).
14. The Parties agree to take account of any guidance issued by the Information Commissioner’s Office. The Agency may on not less than 30 Working Days’ notice to the other Parties amend this Agreement to ensure that it complies with any guidance issued by the Information Commissioner’s Office (and any such amendment shall take effect on the expiry of such notice period).
15. Where the Parties include two or more Joint Controllers as identified in Annex 1 in accordance with GDPR Article 26, those Parties shall enter into a Joint Controller Agreement based on the terms outlined in Annex 2 in replacement of paragraphs 1-16 for the Personal Data under Joint Control.

**APPENDIX C – ANNEX 1:** **SCHEDULE OF PROCESSING, PERSONAL DATA AND DATA SUBJECTS**

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

1. The contact details of the Environment Agency’s Data Protection Officer are:

Sam Lumb, Data Protection Officer

DataProtection@environment-agency.gov.uk

Horizon House, Deanery Road, Bristol BS1 5AH

2. The contact details of the [*name of party*]’s Data Protection Officer are: [Insert Contact details]

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

4. Any such further instructions shall be incorporated into this Annex 1.

|  |  |
| --- | --- |
| **Description** | **Details** |
| Identity of the Controller and Processor | The Parties acknowledge that for the purposes of the Data Protection Legislation, [*name*] is the Controller and [*name*] is the Processor in accordance with Paragraph 1.  [**Guidance:** You may need to vary this section where (in the rare case) the Agency and the other Parties have a different relationship. For example where the Parties are Joint Controller of some Personal Data:  *“Notwithstanding paragraph 1 the Parties acknowledge that they are also Joint Controllers for the purposes of the Data Protection Legislation in respect of:*  ***[Insert*** *the scope of Personal Data in relation to which the purposes and means of Processing are determined by more than one of the Parties]*  *In respect of Personal Data under Joint Control, paragraphs 1 to 16 will not apply and the Parties agree to put in place a Joint Controller Agreement as outlined in Annex 2 instead.”* |
| Subject matter of the processing | *[This should be a high level, short description of what the processing is about i.e. its subject matter.*  *Example: The processing is needed in order to ensure that the Processor can effectively deliver the contract to provide a service to members of the public. ]* |
| Duration of the processing | *[Clearly set out the duration of the processing including dates]* |
| Nature and purposes of the processing | *[Please be as specific as possible, but make sure that you cover all intended purposes.*  *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.*  *The purpose might include: employment processing, statutory obligation, recruitment assessment etc]* |
| Type of Personal Data being Processed | *[Examples here include: name, address, date of birth, NI number, telephone number, pay, images, biometric data etc]* |
| Categories of Data Subject | *[Examples include: Staff (including volunteers, agents, and temporary workers), customers/ clients, suppliers, patients, students / pupils, members of the public, users of a particular website etc]* |
| Plan for return and destruction of the data once the processing is complete  UNLESS requirement under EU or member state law to preserve that type of data | *[Describe how long the data will be retained for, how it will be returned or destroyed]* |

**APPENDIX D – ACCEPTANCE OF TERMS AND CONDITIONS**

I/We accept in full the terms and conditions below.

Company \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Name

Signature \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Print Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Position \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Date \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Conditions of Contract - Services**

**Ref:CAS2020-3(CISG)**

**Title:** **Establishing how secondary abatement could be utilised to abate emissions of NOx and unburned hydrocarbons from Spark Ignition Engine`s, combusting a range of fuels and across a range of applications and operating patterns**

**Index**

1. DEFINITIONS.................................................................................................................
2. PRECEDENCE...............................................................................................................
3. CONTRACT SUPERVISOR...........................................................................................
4. THE SERVICES.............................................................................................................
5. ASSIGNMENT................................................................................................................
6. CONTRACT PERIOD.....................................................................................................
7. PROPERTY....................................................................................................................
8. MATERIALS...................................................................................................................
9. SECURITY.....................................................................................................................
10. VARIATIONS.................................................................................................................
11. EXTENSIONS OF TIME................................................................................................
12. DEFAULT.......................................................................................................................
13. TERMINATION...............................................................................................................
14. DETERMINATION..........................................................................................................
15. INDEMNITY....................................................................................................................
16. LIMIT OF CONTRACTOR’S LIABILITY.........................................................................
17. INSURANCE..................................................................................................................
18. PREVENTION OF FRAUD AND CORRUPTION...........................................................
19. MONITORING AND AUDIT............................................................................................
20. CONTRACT PRICE........................................................................................................
21. INVOICING AND PAYMENT..........................................................................................
22. INTELLECTUAL PROPERTY RIGHTS..........................................................................
23. WARRANTY...................................................................................................................
24. STATUTORY REQUIREMENTS....................................................................................
25. ENVIRONMENT, SUSTAINABILITY AND DIVERSITY.................................................
26. PUBLICITY.....................................................................................................................
27. LAW................................................................................................................................
28. WAIVER..........................................................................................................................
29. ENFORCEABILITY AND SURVIVORSHIP....................................................................
30. DISPUTE RESOLUTION................................................................................................
31. GENERAL.......................................................................................................................
32. FREEDOM OF INFORMATION......................................................................................
33. DATA PROTECTION………………………………………………………………………….

**All rights reserved. No part of this document may be reproduced or transmitted in any form or by any means, including photocopying and recording, without the written permission of the copyright holder.**

**Such written permission must also be obtained before any part of this publication is stored in a retrieval system of any nature.**

**© Environment Agency 2018**

1. **DEFINITIONS** 
   1. In the Contract, unless the context otherwise requires the following words and expressions shall have the following meanings assigned to them.
      1. Agency

The Environment Agency, its successors and assigns.

* + 1. Agency Property

All property issued or made available for use by the Agency to the Contractor in connection with the Contract.

* + 1. The Appendix

The Appendix to these Conditions.

* + 1. The Contract

These Conditions including the Appendix, any Special Conditions, Specification, Pricing Schedule, Contractor’s tender, acceptance letter and any relevant documents agreeing modifications exchanged before the Contract is awarded, and any subsequent amendments or variations agreed in writing.

* + 1. The Contractor

The person, firm company or body who undertakes to supply the Services to the Agency as defined in the Contract.

* + 1. Contract Period

The time period stated in the Appendix or otherwise provided in the Contract, for the performance of the Services.

* + 1. Contractor Personnel

means all directors, officers, employees, agents, consultants and contractors of the Contractor and/or of any sub-contractor engaged in the performance of its obligations under this Contract

* + 1. Contract Price

The price exclusive of VAT set out in the Contract for which the Contractor has agreed to supply the services.

* + 1. Contract Supervisor

Any duly authorised representative of the Agency notified in writing to the Contractor for all purposes connected with the Contract. Any Notice or other written instruction given by or made to the Contract Supervisor, shall be taken as given by or made to the Agency.

* + 1. Contracting Authority

means any contracting authorities (other than the Environment Agency) as defined in regulation 2 of the Public Contract Regulations 2015 (SI 2015/102) (as amended).

* + 1. Data Protection Legislation

means: (i) the General Data Protection Regulation (Regulation (EU) 2016/679) or GDPR, the Law Enforcement Directive (Directive (EU) 2016/680) ("LED") and any applicable national implementing Laws as amended from time to time (ii) the Data Protection Act 1998 ("DPA 1998") and/or the Data Protection Act 2018 ("DPA 2018") to the extent that it relates to processing of personal data and privacy; (iii) all applicable Law about the processing of personal data and privacy

* + 1. Data Protection Schedule

The Schedule attached to this Contract describing how the Parties will comply with the Data Protection Legislation.

* + 1. Intellectual Property Rights

All Intellectual Property Rights including without limitation, patents, patent applications, design rights, registered designs, utility models, trade and service marks and applications for same, copyright know-how, rights in semi-conductor chip topography, and in each case whether protectable at law or not, and if protectable, whether an application has been made for such protection or not, and all similar industrial, commercial, monopoly or other intellectual property rights whether present or future, vested or contingent wherever protected.

* + 1. Law

means any law, subordinate legislation within the meaning of Section 21(1) of the Interpretation Act 1978, bye-law, enforceable right within the meaning of Section 2 of the European Communities Act 1972, regulation, order, regulatory policy, mandatory guidance or code of practice, judgment of a relevant court of law, or directives or requirements with which the Contractor is bound to comply

* + 1. Notice

Any written instruction or notice given to the Contractor by the Contract Supervisor, delivered by:

1. fax, or hand delivery to the Contractor’s registered office or other address notified for the purposes of the Contract and deemed to have been served at the date and time of delivery;

First class post to the Contractor’s registered office. Such Notices are deemed to have been served 48 hours after posting.

* + 1. Results

All things produced in performing the Services including maps, plans, photographs, drawings, tapes, statistical data, experimental results, field data, analysis of results, published and unpublished results and reports, inventions, computer programmes and user documentation.

* + 1. The Resulting Rights

All Intellectual Property Rights in the Results that are originated, conceived, written or made by the Contractor, whether alone or with others in the performance of the Services or otherwise resulting from the Contract.

* + 1. Permission

Express permission given in writing before the act being permitted.

* + 1. Services

All Services detailed in the Specification including any additions or substitutions as may be requested by the Contract Supervisor.

* + 1. Regulations

Means the Public Contract Regulations 2015 (SI 2015/102) as amended.

* 1. Except as set out above and in the Data Protection Schedule, the Contract shall be interpreted in accordance with the Interpretation Act 1988.
  2. All headings in these Conditions are for ease of reference only, and shall not affect the construction of the Contract.
  3. Any reference in these Conditions to a statutory provision will include all subsequent modifications.
  4. 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.

1. **PRECEDENCE**

To the extent that the following documents form the Contract, in the case of conflict of content, they shall have the following order of precedence:

* Conditions of Contract including Appendix, Data Protection Schedule and any Special Conditions;
* Specification;
* Pricing Schedule;
* Drawings, maps or other diagrams.

1. **CONTRACT SUPERVISOR**

The Contractor shall strictly comply with any instruction given by the Contract Supervisor concerning or about the Contract provided such instructions are reasonable and consistent with the nature, scope and value of the Contract. All such instructions shall be in writing. The Contractor is not obliged to comply with any verbal instruction from the Contract Supervisor that is not confirmed in writing within 7 working days.

1. **THE SERVICES** 
   1. The Contractor shall provide all staff, equipment, materials and any other requirements necessary for the performance of the Contract using reasonable skill, care and diligence, and to the reasonable satisfaction of the Contract Supervisor.
   2. The Contractor shall only employ in the execution and superintendence of the Contract persons who are suitable and appropriately skilled and experienced. The Contract Supervisor shall be at liberty to object to and require the Contractor to remove any person employed in or about the Contract who is unsuitable, misconducts himself, is incompetent or negligent in the performance of his duties or persists in conduct which could endanger the health or safety of others. Such persons shall not be employed again on the Contract without the Permission of the Contract Supervisor.
2. **ASSIGNMENT** 
   1. The Contractor shall not assign, transfer or sub-contract the Contract, or any part of it, without the Permission of the Contract Supervisor.
   2. Any assignment, transfer or sub-contract entered into, shall not relieve the Contractor of any of his obligations or duties under the Contract.
   3. Nothing in this Contract confers or purports to confer on any third party any benefit or any right to enforce any term of the Contract
3. **CONTRACT PERIOD**

The Contractor shall perform the Services within the time stated in the specification section of this document, subject to any changes arising from Condition 10 (Variations,) and/or Condition 11 (Extensions of time.)

1. **PROPERTY** 
   1. All property issued by the Agency to the Contractor in connection with the Contract shall remain the property of the Agency, and shall be used in the execution of the Contract, and for no other purpose whatsoever without the prior approval of the Contract Supervisor.
   2. The Contractor shall keep all Agency Property in safe custody and good condition, set aside and clearly marked as the property of the Agency.
   3. On expiry or earlier termination of the Contract the Contractor shall, if so required, either surrender such property to the Agency or otherwise dispose of it as instructed by the Contract Supervisor.
2. **MATERIALS** 
   1. The Contractor shall be responsible for establishing his own sources of supply for goods and materials and will be responsible for ensuring the reasonable and proper conduct by his suppliers and staff whilst on the Agency’s premises.
   2. The Contractor shall not place, or cause to be placed, any orders with suppliers or otherwise incur liabilities in the name of the Agency or any representative of the Agency.
3. **SECURITY** 
   1. The Contractor shall be responsible for the security of all goods and equipment belonging to the Agency and used by the Contractor in the provision of the Services, belonging to the Contractor, or Contractors staff, or sub-contractors whilst on Agency premises.
   2. This Condition shall not prejudice the Agency’s rights under Condition 15.
4. **VARIATIONS** 
   1. The Contract Supervisor may vary the Contract by adding to, deleting or otherwise modifying the Services to be supplied, by written order to the Contractor provided such variations are reasonable and consistent with the nature, scope and value of the Contract.
   2. The value of any such variation, other than any variation arising out of Condition 10.3, shall be determined by reference to the rates contained in the Pricing Schedule. Where the Services so ordered are not covered in the Pricing Schedule, they shall be valued at a fair and reasonable rate agreed between the Contract Supervisor and the Contractor.

* 1. Where a variation is the result of some default or breach of the Contract by the Contractor or some other cause for which he is solely responsible, any additional cost attributable to the variation shall be borne by the Contractor.
  2. The Contractor may also propose a variation to the Services but no such variation shall take effect unless agreed and confirmed in writing by the Contract Supervisor.
  3. No variation shall have the effect of invalidating the Contract, or placing the Contract at large, if that variation is reasonably consistent with the nature, scope and value of the Contract. The Agency may vary the Contract to comply with a change in English Law. Such a change will be effected by the Contract Supervisor notifying the Contractor in writing.
  4. The Agency may assign, novate or otherwise dispose of its rights and obligations under the Contract or any part thereof to:
     1. any Contracting Authority; or
     2. any other body established by the Crown or under statute in order substantially to perform any of the functions that had previously been performed by the Agency; or
     3. any private sector body which substantially performs the functions of the Agency, provided that any such assignment, novation or other disposal shall not increase the burden of the Contractor's obligations under the Contract.
  5. Any change in the legal status of the Agency such that it ceases to be a Contracting Authority shall not affect the validity of the Contract. In such circumstances the Contract shall bind and inure to the benefit of any successor body to the Agency.

1. **EXTENSIONS OF TIME** 
   1. Should the performance of the Contract be directly delayed by any cause beyond the reasonable control of the Contractor, and provided that the Contractor shall first have given the Contract Supervisor written notice within five working days after becoming aware that such delay was likely to occur, then the Contract Supervisor, if satisfied that this Condition applies:
      1. in the case of any delay of which the Agency is not the cause, may grant the Contractor such extension of time, as in his opinion is reasonable, having regard without limitation, to any other delays or extensions of time that may have occurred or been granted under the Contract. The Contract Price shall not increase as a result of such an extension of time.
      2. in the case of any delay of which the Agency is the cause, shall grant the Contractor a reasonable extension of time to take account of the delay.
   2. No extension of time shall be granted where in the opinion of the Agency the Contractor has failed to use reasonable endeavours to avoid or reduce the cause and/or effects of the delay.
   3. Any extension of time granted under this Condition shall not affect the Agency’s rights to terminate or determine the Contract under Conditions 13 and 14.
2. **DEFAULT** 
   1. The Contractor shall be in default if he:
      1. fails to perform the Contract with due skill, care, diligence and timeliness;
      2. refuses or neglects to comply with any reasonable written instruction given by the Contract Supervisor;
      3. is in breach of the Contract.
   2. Where in the opinion of the Contract Supervisor, the Contractor is in default, the Contract Supervisor may serve a Notice giving at least five working days in which to remedy the default.
   3. If the Contractor fails to comply with such a Notice the Contract Supervisor may, without prejudice to any other rights or remedies under the Contract, take over for as such a period as is necessary the performance of the relevant part of the Contract and make other arrangements for its completion. Any extra costs arising from this action, will be paid by the Contractor or deducted from any monies owing to him.
3. **TERMINATION** 
   1. The Agency may immediately, without prejudice to any other rights and remedies under the Contract, terminate all or any part of the Contract by Notice in writing to the Contractor, Receiver, Liquidator or to any other person in whom the Contract may become vested, if the Contractor:
      1. fails in the opinion of the Contract Supervisor to comply with (or take reasonable steps to comply with) a Notice under Condition 12.2.
      2. becomes bankrupt or insolvent, or has a receiving order made against him, or makes and arrangement with his creditors or (being a corporation) commences to be wound up, not being a voluntary winding up for the purpose of reconstruction or amalgamation, or has a receiver, administrator, or administrative receiver appointed by a Court.

'Termination under the Regulations'

* 1. The Agency may terminate the Contract on written Notice to the Contractor if:
     1. the contract has been subject to a substantial modification which requires a new procurement procedure pursuant to regulation 72(9) of the Regulations;
     2. the Contractor was, at the time the Contract was awarded, in one of the situations specified in regulation 57(1) of the Regulations, including as a result of the application of regulation 57(2), and should therefore have been excluded from the procurement procedure which resulted in its award of the Contract; or
     3. The Contract should not have been awarded to the Contractor in view of a serious infringement of the obligations under the Treaties and the Regulations that has been declared by the Court of Justice of the European Union in a procedure under Article 258 of the TFEU.

1. **DETERMINATION** 
   1. Without prejudice to any other rights or remedies under the Contract, the Agency reserves the right to determine the Contract at any time by giving not less than one month’s Notice, (or such other time period as may be appropriate).
   2. The Agency shall pay the Contractor such amounts as may be necessary to cover his reasonable costs and outstanding and unavoidable commitments necessarily and solely incurred in properly performing the Contract prior to determination.
   3. The Agency will not pay for any costs or commitments that the Contractor is able to mitigate and shall only pay those costs that the Agency has validated to its satisfaction. The Agency's total liability under this Condition shall not in any circumstances exceed the Contract Price that would have been payable for the Services if the Contract had not been determined.
2. **INDEMNITY** 
   1. Without prejudice to the Agency’s remedies for breach of Contract, the Contractor shall fully indemnify the Agency and its staff against any legally enforceable and reasonably mitigated liability, loss, costs, expenses, claims or proceedings in respect of:
      1. death or injury to any person;
      2. loss or damage to any property excluding indirect and consequential loss;
      3. infringement of third party Intellectual Property Rights

which might arise as a direct consequence of the actions or negligence of the Contractor, his staff or agents in the execution of the Contract.

* 1. This Condition shall not apply where the damage, injury or death is a direct result of the actions, or negligence of the Agency or its staff.

1. **LIMIT OF CONTRACTOR’S LIABILITY** 
   1. The limit of the Contractor’s liability for each and every claim by the Agency, other than for death or personal injury, whether by way of indemnity or by reason of breach of contract, or statutory duty, or by reason of any tort shall be:
      1. the sum stated in the Appendix
      2. if no sum is stated, the Contract Price or five million pounds whichever is the greater.
2. **INSURANCE** 
   1. The Contractor shall insure and maintain insurance against liabilities under Condition 15 (Indemnity) in the manner and to the values listed in the Appendix to these Conditions. If no sum is stated, the value insured shall be £1M (one million pounds.)
   2. If specifically required by the Agency, nominated insurances shall be in the joint names of the Contractor and the Agency.
   3. The Contractor shall, upon request, produce to the Contract Supervisor documentary evidence that the insurances required are fully paid up and valid for the duration of the Contract.
3. **PREVENTION OF FRAUD AND CORRUPTION**
   1. The Contractor shall not offer, give, or agree to give anything, to any person 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 for showing or refraining from showing favour or disfavour to any person in relation to the Contract.
   2. The Contractor shall take all reasonable steps, in accordance with good industry practice, to prevent fraud by the Contractor’s staff and the Contractor (including its shareholders, members and directors) in connection with the Contract and shall notify the Agency immediately if it has reason to suspect that any fraud has occurred or is occurring or is likely to occur.
   3. If the Contractor or the Contractor’s staff engages in conduct prohibited by this clause 18 or commits fraud in relation to the Contract or any other contract with the Crown (including the Agency) the Agency may:
      1. terminate the Contract and recover from the Contractor the amount of any loss suffered by the Agency resulting from the termination, including the cost reasonably incurred by the Agency of making other arrangements for the supply of the Goods and any additional expenditure incurred by the Agency throughout the remainder of the Contract; or
      2. recover in full from the Contractor any other loss sustained by the Agency in consequence of any breach of this clause.
   4. The Contractor shall not, directly or indirectly through intermediaries commit any offence under the Bribery Act 2010 (as amended), in any of its dealings with the Agency.
4. **MONITORING AND AUDIT** 
   1. The Contract Supervisor may inspect and examine the Services being carried out on the Agency’s premises, or elsewhere at any reasonable time. Where the Services are being performed on other than the Agency’s premises, reasonable notice to inspect shall be given to the Contractor. The Contractor shall give all such facilities as the Contract Supervisor may reasonably require for such inspection and examination.
5. **CONTRACT PRICE** 
   1. The Contract Price will be paid by the Agency to the Contractor as amended by any Variations ordered under Condition 10 (Variations).
   2. In addition to the Contract Price, the Agency will pay to the Contractor such Value Added Tax (if any) as may properly be chargeable at rates ruling at the time of invoice.
6. **INVOICING AND PAYMENT**
   1. Invoices shall only be submitted for work already satisfactorily completed, and accompanied by such information as the Contract Supervisor may reasonably require to verify the Contractor’s entitlement to payment. Such invoices will be paid in 30 days from receipt by the Agency.
   2. If any sum is payable under the Contract by the Contractor to the Agency, whether by deduction from the Contract or otherwise, it will be deducted from the next available invoice.
   3. If the Contractor enters into a sub-contract with a supplier for the purpose of performing its obligations under the Contract, it shall ensure that a provision is included in the sub-contract which requires payment to be made of all sums due from it to the sub-contractor within 30 days from the receipt of a valid invoice.
7. **INTELLECTUAL PROPERTY RIGHTS** 
   1. All Prior Rights used in connection with the Services shall remain the property of the party introducing them. Details of each party’s Prior Rights are set out in the Prior Right Schedule to this contract.
   2. All Results shall be the property of the Agency.
   3. The Resulting Rights in any Results, and any interim results shall, from the time they arise, be the property of the Agency and the Agency shall be free, should it so wish, to apply at its own expense for patent or other protection in respect of the Results or any interim results. The Agency’s intention to apply for such patent or other protection shall be notified to the Contractor. Such applications for patents or other registered intellectual property rights shall be filed in the name of the Agency.

Unless otherwise agreed in writing between the Contractor and the Agency, the Contractor hereby:

* + 1. assigns to the Agency all Resulting Rights
    2. grants the Agency a non-exclusive, non-transferable (save for the purposes of sub-licensing, reorganisation or transfer to a successor body, for the purposes of all the successor body's normal business use), irrevocable , royalty free perpetual licence to the Agency in respect of all the Contractor's Prior Rights necessary in order for the Agency to use or exploit the Resulting Rights.
  1. The Contractor undertakes to the Agency not to use, exploit or deal with any of the Agency's Prior Rights, other than in the performance of the Contract unless the Contractor has first obtained a written licence from the Agency, in specific terms to do so.
  2. The Agency undertakes to the Contractor not to use or exploit the Contractor's Prior Rights, save as provided in Condition 22.3.2.
  3. The Contractor warrants to the Agency that the performance of the Services, the Contractor’s Prior Rights and the Results shall not in any way infringe any intellectual property rights of any third party.
  4. If the Contractor is prevented from carrying out his obligations under the Contract due to any infringement or alleged infringement of any Intellectual Property Rights, the Agency may without prejudice to any other rights and remedies under the Contract, exercise the powers and remedies available to it under Conditions 13 and 14, Termination and Determination respectively.
  5. The Contractor shall not be liable if such infringement arises from the use of any design, technique or method of working provided by or specified by the Agency.
  6. The Contractor waives in favour of the Agency its rights to object to derogatory treatment of the Results of the Work and the Contractor also agrees that he will not assert or seek to enforce against the Agency and/or any other person, firm or company any of its moral rights as defined in the Copyright Designs and Patents Act 1988 (as amended) without the prior agreement of the Agency.
  7. The Contractor shall not be liable for any consequential losses, damage or injuries arising from third party misuse of the Results, of which the Contractor is not aware.

1. **WARRANTY**

The Contractor warrants that the Services supplied by him will be discharged with reasonable skill, care and diligence.

1. **STATUTORY REQUIREMENTS**

The Contractor shall fully comply with all relevant statutory requirements in the performance of the Contract, including, but not limited to the giving of all necessary notices and the paying of all fees.

1. **ENVIRONMENT, SUSTAINABILITY AND DIVERSITY**
   1. The Contractor in the performance of this Contract should adopt a sound proactive environmental approach, designed to minimise harm to the environment, to conserve energy, water, wood, paper and other resources, reduce waste and phase out the use of single-use plastic, ozone depleting substances and minimise the release of greenhouse gases, volatile organic compounds and other substances damaging to health and/or the environment, and be able to provide proof of so doing to the Agency on demand.
   2. The Agency is committed to ensuring that workers employed within its supply chains are treated fairly, humanely and equitably. The Agency expects the Contractor to share this commitment and to understand any areas of risk associated with this and work to ensure they are meeting International Labour Standards. The Contractor ensures that it and its sub-contractors and its supply chain:
      1. comply with the provisions of the Modern Slavery Act 2015;
      2. pay staff fair wages (and pays its staff in the UK not less than the Foundation Living Wage Rate ); and
      3. Implement fair shift arrangements, providing sufficient gaps between shifts, adequate rest breaks and reasonable shift length, and other best practices for staff welfare and performance.
   3. The Contractor should support the Agency to achieve its Public Sector Equality Duty by complying with the Agency's policies (as amended from time to time) on Equality, Diversity and Inclusion (EDI). This includes ensuring that the Contractor (and their sub-contractors) in the delivery of its obligations under this Contract:
      1. eliminates discrimination, harassment, victimisation and any other conduct that is prohibited by or under the Equality Act 2010;
      2. advances equality of opportunity between people who share a protected characteristic and those who do not; and
      3. fosters good relations between people who share a protected characteristic and those who do not.
2. **PUBLICITY**

The Contractor shall not advertise or publicly announce that he is supplying Services or undertaking work for the Agency without the Permission of the Contract Supervisor.

1. **LAW**

This Contract shall be governed and construed in accordance with the Law, and subject to the jurisdiction of the courts of England.

1. **WAIVER** 
   1. No delay, neglect or forbearance by the Agency in enforcing any provision of the Contract shall be deemed to be a waiver, or in any other way prejudice the rights of the Agency under the Contract.
   2. No waiver by the Agency shall be effective unless made in writing.
   3. No waiver by the Agency of a breach of the Contract shall constitute a waiver of any subsequent breach.
2. **ENFORCEABILITY AND SURVIVORSHIP**
   1. If any part of the Contract is found by a court of competent jurisdiction or other competent authority to be invalid or legally unenforceable, that part will be severed from the remainder of the Contract which will continue to be valid and enforceable to the fullest extent permitted by law.
   2. The following clauses shall survive termination of the Contract, howsoever caused: 13, 14, 15, 22, 23, 24, 27, 29, 30, 31, 32 and 33.
3. **DISPUTE RESOLUTION** 
   1. All disputes under or in connection with this agreement shall be referred first to negotiators nominated at a suitable and appropriate working level by the Agency and the Contractor.
   2. If the parties' negotiators are unable to resolve the dispute within a period of forty five days from its being referred to them, the dispute shall be referred at the instance of either party to the parties' respective senior managers or directors (supported as necessary by their advisers).
   3. If the parties' respective senior managers or directors are unable to resolve the dispute within forty five days the dispute shall be referred to the Centre for Dispute Resolution who shall appoint a mediator and the parties shall then submit to the mediator's supervision of the resolution of the dispute.
   4. Recourse to this dispute resolution procedure shall be binding on the parties as to submission to the mediation but not as to its outcome. Accordingly all negotiations connected with the dispute shall be conducted in strict confidence and without prejudice to the rights of the parties in any future legal proceedings. Except for any party's right to seek interlocutory relief in the courts, no party may commence other legal proceedings under the jurisdiction of the courts or any other form of arbitration until forty five days after the appointment of the mediator.
   5. If, with the assistance of the mediator, the parties reach a settlement, such settlement shall be put in writing and, once signed by a duly authorised representative of each of the parties, shall remain binding on the parties.
   6. The parties shall bear their own legal costs of this dispute resolution procedure, but the costs and expenses of mediation shall be borne by the parties equally.
   7. Any of the time limits in Conditions 30 may be extended by mutual agreement. Such agreed extension shall not prejudice the right of either party to proceed to the next stage of resolution.
4. **GENERAL** 
   1. Neither party to the Contract will be liable to the other for any delay in performing or failing to perform its obligations (other than a payment obligation) under the Contract because of any cause outside its reasonable control. Such delay or failure will not constitute a breach of the Contract and the time for performance of the affected obligation will be extended by a reasonable period.
   2. The Contract contains the whole agreement between the parties and supersedes all previous communications, representations and arrangements, written or oral. It is accepted that the Contract has not been entered into on the basis of any representations that are not expressly contained in the Contract.
5. **FREEDOM OF INFORMATION ACT**
   1. The Agency is committed to open government and to meeting its responsibilities under the Freedom of Information Act 2000 (as amended) ('Act') and the Environmental Information Regulations 2004 (as amended) (Regulations').
   2. The Contractor agrees that:
      1. All information submitted to the Agency may need to be disclosed by the Agency in response to a request under the Act or the Regulations; and
      2. The Agency may include information submitted (in whole or in part) in the publication scheme which it maintains under the Act or publish the Contract, including from time to time agreed changes to the Contract, to the public.
   3. If the Contractor considers that any of the information included in its tender, or that it has submitted to the Agency or that is otherwise contained in the Contract, is commercially sensitive, it shall identify and explain (in broad terms) what harm may result from disclosure if a request is received, and the time period applicable to that sensitivity. The Contractor acknowledges that if it has indicated that information is commercially sensitive, such information may still be required to be disclosed by the Agency under the Act or the Regulations. The receipt of any material marked 'confidential' or equivalent by the Agency shall not be deemed to infer that the Agency agrees any duty of confidentiality by virtue of that marking.

1. **DATA PROTECTION**
   1. In the event that the Contract requires data to be processed within the meaning of the Data Protection Legislation the Data Protection Schedule shall be completed by the Parties and provisions and definitions therein shall apply and bind the Parties as part of this Contract.

**Appendix to Conditions (Services)**

Ref: CAS2020-3(CISG)

Title: **Establishing how secondary abatement could be utilised to abate emissions of NOx and unburned hydrocarbons from Spark Ignition Engine`s, combusting a range of fuels and across a range of applications and operating patterns**

**Condition**

**1 Contract Supervisor 3**

Roger Kidd

Address:-

Orchard House

Endeavour Park

London Road

West Malling

Kent ME19 5SH

1. **Contractor**

«Company\_Name»

Address:

«SUPPLIER\_ADDRESS»

«TOWN\_CITY»

«COUNTY»

«ZIP»

**3 Completion**  **6**

Contract Start Date «Contract\_Start\_Date»

Contract End Date «Contract\_End\_Date»

**4 Delivery** **11**

Address:-

*Insert delivery address if different to above*

**5 Insurance 17**

Professional Indemnity Min. Cover £1 million

Third Party Minimum Cover £1 million

Public Liability Min. Cover £1 million

**6 Limit on Liability** **16**

Limit on Contractors Liability £1million