



Department
for Environment
Food & Rural Affairs

NLS
Environment Agency
Starcross Laboratory
Staplake Mount
Starcross
Exeter
EX6 8FD

T: 03459 335577
helpline@defra.gov.uk
www.gov.uk/defra

[REDACTED]
Thermo Fisher Scientific
Stafford House
Boundary Way
Hemel Hempstead
HP2 7GE
United Kingdom

Our ref: 32799
Date: 17th January 2022

Dear [REDACTED]

Project 32799 – Supply of up to Eight (8) Discrete Nutrient Analysers

I am pleased to inform you that the Environment Agency (EA) hereby accepts your tender dated 29th October 2021 in respect of the above Contract. The Contract shall be carried out in accordance with:

- This Contract Award Letter, Conditions of Contract, Appendix and Specification
- Our Bidder Pack dated 29th September 2021
- Your response received dated 29th October 2021

The price for this contract is as follows:

Item No	Description	Price (£ GBP) per one Equipment	Quantity	Total Price	Delivery Required
MG98620001-1	Thermo Scientific Gallery Plus Discrete Nutrient Analysers for High Throughput Environmental Testing Including: PC workstation and Software Sample Rack Sets (barcoded) 6 x 9 position	[REDACTED]	1	[REDACTED]	By 31 st March 2022

Item No	Description	Price (£ GBP) per one Equipment	Quantity	Total Price	Delivery Required
	Reagent Disc – 42 position Water Filter Set IQ Kit HIP Laserjet High Quality Colour Printers Installation and user familiarisation 2 days on site training by Gallery Plus Applications specialist 12 month warranty				
As above	As above				To be confirmed but estimated to be by 31 st March 2023
As above	As above				To be confirmed but estimated to be by 31 st March 2024
As above	As above				To be confirmed but estimated to be by 31 st March 2025
Totals				£302,268.000	

The Authority is committing to buy two (2) Thermo Scientific Gallery Plus Discrete Nutrient Analysers to be delivered by 31st March 2022 with an option to place orders for additional quantities using Contract Change Notices for two (2) more Discrete Nutrient Analysers per year up to a total of eight (8) across the contract term. The intention to buy additional quantities does not bind the Authority to commit or confirm any orders with the Contractor.

Price is inclusive of delivery to site (UK Mainland), off-loading and all costs associated with Delivery Duty Paid (DDP) incoterms.

The Contract is awarded effective from 24th January 2022 and ending one (1) year from the date of installation. The date of installation shall be the date at which the Contractor arrives at the EA's premises and successfully installs Goods as outlined in the Specification estimated to be on or around 14th March 2022.

Within ten (10) Working Days of receipt of your acceptance of this letter via Bravo, we will send you a unique PO Number. You must be in receipt of a valid PO Number before submitting an invoice to:

SSCL
Environment Agency
PO BOX 797
Newport
Gwent
NP10 8FZ

Invoices not containing the correct Purchase Order number will mean we are unable to process them and they will be returned to you.

This Contract will be managed on behalf of the Environment Agency by [REDACTED] (Contract Manager) contactable on telephone number [REDACTED] and email address [REDACTED]. The Contract reference and title given above should be quoted on all correspondence.

The Contract will be governed by the accompanying EA Terms and Conditions for Goods as detailed in Annex one (1).

Acceptance of the award of this Contract will be made by electronic signature carried out in accordance with the 1999 EU Directive 99/93 (Community framework for electronic signatures) and the UK Electronic Communications Act 2000.

Acceptance of the offer comprised in this Contract must be made within seven (7) days from the date of this Award Letter and the Contract is formed on the date on which the Contractor communicates acceptance on the Agency's electronic contract management system ("Bravo").

No other form of acknowledgement will be accepted. Please remember to quote the reference number above in any future communications relating to this contract.

Yours sincerely,

[REDACTED]
Senior Category Officer
Defra group Commercial

[REDACTED]
[REDACTED]



Environment
Agency

Annex 1

Conditions of Contract – Goods

Ref: 32799 |

Title: Supply of up to Eight (8) Discrete Nutrient
Analysers |

January 2022

Index

1. Definitions.....	
2. Precedence.....	
3. Contract Supervisor.....	
4. Goods.....	
5. Assignment.....	
6. Contract Period.....	
7. Materials.....	
8. Security.....	
9. Variations.....	
10. Extensions of Time.....	
11. Property and Risk.....	
12. Rejection of Goods.....	
13. Default.....	
14. Termination.....	
15. Determination.....	
16. Indemnity.....	
17. Limitation on Contractor's Liability.....	
18. Insurance.....	
19. Prevention of Fraud or Corruption.....	
20. Contract Price.....	
21. Invoicing & Payment.....	
22. Intellectual Property Rights.....	
23. Warranty.....	
24. Guarantees.....	
25. Statutory Requirements.....	
26. Environment, Sustainability and Diversity.....	
27. Publicity.....	
28. Law.....	
29. Waiver.....	
30. Enforceability and Survivorship.....	
31. Dispute Resolution.....	
32. General.....	
33. Freedom of Information Act.....	
34. Data Protection.....	

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1. DEFINITIONS

1.1 In the Contract, unless the context otherwise requires the following words and expressions shall have the following meanings assigned to them.

1.1.1 The Agency

The Environment Agency, its successors and assigns.

1.1.2 The Appendix

The Appendix to these Conditions.

1.1.3 The Contract

These Conditions including the Appendix, any Special Conditions, the 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.

1.1.4 The Contractor

The person, firm company or body who undertakes to supply the Goods to the Agency.

1.1.5 Contract

The time period stated in the Appendix or otherwise

Period provided in the Contract, for the delivery of the Goods.

1.1.6 Contract Price

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

1.1.7 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 communication given by or made to the Contract Supervisor, shall be taken as given by or made to the Agency.

1.1.8 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).

1.1.9 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.

1.1.10 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.

1.1.11 Data Protection Schedule

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

1.1.12 Goods

All Goods detailed in the Specification including any additions or substitutions as may be requested by the Contract Supervisor Where the Contract is for the provision of Goods *and*

Services, the words “the Goods” shall mean, where the context allows, to include the Services the Contractor has agreed to provide.

1.1.13 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.

1.1.14 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.

1.1.15 Notice

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

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

1.1.16 Permission

Express permission given in writing before the act being permitted.

1.1.17 Regulations

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

1.2 Except as set out above and in the Data Protection Schedule, the Contract shall be interpreted in accordance with the Interpretation Act 1988.

1.3 All headings in these Conditions are for ease of reference only, and shall not affect the construction of the Contract.

1.4 Any reference in these Conditions to a statutory provision will include all subsequent modifications.

1.5 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.

2. 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.

If these Conditions are used in the production of an order under pre-existing arrangements, then the Conditions of Contract of the pre-existing arrangements shall prevail.

3. 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.

4. GOODS

The Contractor shall provide all staff, equipment, materials and any other requirements necessary for the performance of the Contract to the standard in the Specification, within the time period specified, using reasonable skill, care and diligence, and to the reasonable satisfaction of the Contract Supervisor.

5. ASSIGNMENT

- 5.1 The Contractor shall not assign, transfer or sub-contract the Contract, or any part of it, without the Permission of the Contract Supervisor.
- 5.2 Any assignment, transfer or sub-contract entered into, shall not relieve the Contractor of any of his obligations or duties under the Contract.
- 5.3 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.

6. CONTRACT PERIOD

The Contractor shall deliver the Goods within the time stated in the Contract Award Letter, subject to any changes arising from Condition 9 (Variations), and/or Condition 10 (Extensions of time).

7. MATERIALS

- 7.1 The Contractor shall be responsible for establishing his own sources of supply for any goods and materials needed in connection with the performance of the Contract.
- 7.2 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.

8. SECURITY

- 8.1 The Contractor shall be responsible for the security of all goods and equipment belonging to the Agency and used by the Contractor in the supply of the Goods, or belonging to the Contractor, or the Contractor's staff, or sub-contractors whilst on Agency premises.
- 8.2 This Condition shall not prejudice the Agency's rights under Condition 16.

9. VARIATIONS

- 9.1 The Contract Supervisor may vary the Contract by adding to, deleting or otherwise modifying the Goods 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.
- 9.2 The value of any such variation, other than any variation arising out of Condition 9.3, shall be determined by reference to the rates contained in the Pricing Schedule. Where the Goods 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.
- 9.3 Where a variation is the result of some default or breach of the Contract by the Contractor or for some other cause for which he is solely responsible, any additional cost attributable to the variation shall be borne by the Contractor.
- 9.4 The Contractor may also propose a variation to the Goods to be supplied but no such variation shall take effect unless agreed and confirmed in writing by the Contract Supervisor.
- 9.5 No variation shall have the effect of invalidating the Contract, or replacing the Contract at large, if that variation is reasonably consistent with the nature, scope and value of the Contract.
- 9.6 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.
- 9.7 The Agency may assign, novate or otherwise dispose of its rights and obligations under the Contract or any part thereof to:
 - 9.7.1 any Contracting Authority; or
 - 9.7.2 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
 - 9.7.3 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.
- 9.8 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.

10. EXTENSIONS OF TIME

- 10.1 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:
- 10.1.1 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.
 - 10.1.2 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.
 - 10.1.3 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.
 - 10.1.4 Any extension of time granted under this Condition shall not affect the Agency's rights to terminate or determine the Contract under Conditions 12 and 13.

11. PROPERTY AND RISK

The property and risk in the Goods shall pass to the Agency when the Goods have been delivered to the Agency's nominated address or addresses as stated in the Appendix and unloaded.

12. REJECTION OF GOODS

- 12.1 Without prejudice to the operation of Condition 12.5 the Goods shall be inspected on behalf of the Agency within a reasonable period of time after delivery and may be rejected if the Goods:
- 12.1.1 are found to be defective, inferior in quality to or differing in form or material from the requirements of the Contract, or
 - 12.1.2 do not comply with any term (express or implied) of the Contract.
- 12.2 Without prejudice to the operation of Condition 12.5, the Agency shall notify the Contractor of the discovery of any defect within fourteen days and shall give the Contractor all reasonable opportunities to investigate such defect.
- 12.3 The whole of any consignment may be rejected if a reasonable random sample of the Goods taken from the consignment is found not to conform in every respect with the requirements of the Contract.
- 12.4 Goods so rejected after delivery shall be removed by the Contractor within 14 days of receipt of the Agency's notification of rejection. If the Contractor fails to remove the

rejected Goods within this time period, the Agency may return the rejected Goods at the Contractors risk and expense.

- 12.5 The Agency's right of rejection shall continue irrespective of whether the Agency has accepted the Goods. In particular, taking delivery, inspection, use or payment for the Goods, or part of them shall not constitute acceptance, waiver or approval and shall be without prejudice to any right or remedy the Agency may have against the Contractor.

13. DEFAULT

- 13.1 The Contractor shall be in default if he:

13.1.1 fails to perform the Contract with due skill, care diligence and timeliness;

13.1.2 refuses or neglects to comply with any reasonable written instruction given by the Contract Supervisor;

13.1.3 is in breach of the Contract.

13.2 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.

13.3 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, purchase other goods of the same or equivalent description. Any extra costs arising from this action, will be paid by the Contractor or deducted from any monies owing to him.

14 TERMINATION

14.1 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:

14.1.1 fails in the opinion of the Contract Supervisor to comply with (or take reasonable steps to comply with) a Notice under Condition 13.2.

14.1.2 becomes bankrupt or insolvent, or has a receiving order made against him, or makes an 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'

14.2 The Agency may terminate the Contract on written Notice to the Contractor if:

- (a) the contract has been subject to a substantial modification which requires a new procurement procedure pursuant to regulation 72(9) of the Regulations;
- (b) 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
- (c) 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.

15 DETERMINATION

- 15.1 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).
- 15.2 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.
- 15.3 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.

16 INDEMNITY

- 16.1 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:
- 16.1.1 death or injury to any person;
- 16.1.2 loss or damage to any property excluding indirect and consequential loss;
- 16.1.3 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.

- 16.2 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.

17 LIMIT OF CONTRACTOR'S LIABILITY

- 17.1 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:
- 17.1.1 the sum stated in the Appendix;
- 17.1.2 if no sum is stated, the Contract Price or five million pounds whichever is the greater.

18 INSURANCE

- 18.1 The Contractor shall insure and maintain insurance against liabilities under Condition 16 (Indemnity) in the manner and to the values listed in the Appendix. If no sum is stated, the value insured shall be five million pounds.
- 18.2 If specifically required by the Agency, nominated insurances shall be in the joint names of the Contractor and the Agency.
- 18.3 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.

19 PREVENTION OF FRAUD AND CORRUPTION

- 19.1 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.
- 19.2 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.
- 19.3 If the Contractor or the Contractor's staff engages in conduct prohibited by this clause 19 or commits fraud in relation to the Contract or any other contract with the Crown (including the Agency) the Agency may:
- 19.3.1 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
- 19.3.2 recover in full from the Contractor any other loss sustained by the Agency in consequence of any breach of this clause.
- 19.4 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.

20 CONTRACT PRICE

- 20.1 The Contract Price will be paid by the Agency to the Contractor as amended by any Variations ordered under Condition 9 (Variations).
- 20.2 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.

21 INVOICING AND PAYMENT

- 21.1 Invoices shall only be submitted for those Goods already delivered 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.
- 21.2 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.
- 21.3 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.

22 INTELLECTUAL PROPERTY RIGHTS

- 22.1 The Contractor warrants to the Agency that the Goods, shall not in any way infringe any Intellectual Property Rights belonging to any third party and shall fully indemnify the Agency against all actions, claims, costs, charges, expenses and liabilities of whatsoever nature arising from or incurred by reason of any infringement, or alleged infringement.
- 22.2 The Contractor shall not be liable under this Condition if such infringement arises from the use of any design, technique or method of working provided by or specified by the Agency.
- 22.3 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 14 and 15.

23 WARRANTY

The Contractor warrants that the Goods supplied by him are of a satisfactory quality and are supplied with reasonable skill, care and diligence and fit for the Agency's intended purpose so far as this has been communicated to him, or which he would reasonably be expected to know.

24 GUARANTEES

The Contractor shall promptly remedy all defects in the Goods arising from faulty design, materials or workmanship and, without prejudice to the Agency's statutory rights, either repair or replace the Goods (as the Agency shall elect) at no cost to the Agency, for a period of 12 months from putting the Goods into intended service, or 18 months from delivery, whichever is the less, or as otherwise agreed in writing.

25 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.

26 ENVIRONMENT, SUSTAINABILITY AND DIVERSITY

- 26.1 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.
- 26.2 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:
- 26.2.1 comply with the provisions of the Modern Slavery Act 2015;
 - 26.2.2 pay staff fair wages (and pays its staff in the UK not less than the Foundation Living Wage Rate); and
 - 26.2.3 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.
- 26.3 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:
- 26.3.1 eliminates discrimination, harassment, victimisation and any other conduct that is prohibited by or under the Equality Act 2010;
 - 26.3.2 advances equality of opportunity between people who share a protected characteristic and those who do not; and
 - 26.3.3 fosters good relations between people who share a protected characteristic and those who do not.

27 PUBLICITY

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

28 LAW

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

29 WAIVER

- 29.1 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.
- 29.2 No waiver by the Agency shall be effective unless made in writing.
- 29.3 No waiver by the Agency of a breach of the Contract shall constitute a waiver of any subsequent breach.

30 ENFORCEABILITY AND SURVIVORSHIP

- 30.1 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
- 30.2 The following clauses shall survive termination of the Contract, howsoever caused: 14, 15, 16, 22, 23, 25, 28, 30, 31, 32, 33 and 34.

31 DISPUTE RESOLUTION

- 31.1 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.
- 31.2 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).
- 31.3 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.
- 31.4 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.
- 31.5 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.
- 31.6 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.

- 31.7 Any of the time limits in Condition 31 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.

32 GENERAL

- 32.1 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.
- 32.2 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.

33 FREEDOM OF INFORMATION ACT

- 33.1 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').
- 33.2 The Contractor agrees that:
- 33.2.1 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
- 33.2.2 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.
- 33.3 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 stated to be or 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.

34 DATA PROTECTION

- 34.1 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 Goods

Ref: 32799

Title: Supply of up to Eight (8) Discrete Nutrient Analysers

1 Contract Supervisor

██████████
NLS Environment Agency
Starcross Laboratory
Staplake Mount
Starcross
Exeter
EX6 8FD

2 Contractor

Thermo Fisher Scientific
Stafford House
Boundary Way
Hemel Hempstead
HP2 7GE
United Kingdom

3 Completion

6

Contract Start Date 14th March 2022

Contract End Date 13th March 2023

4 Delivery

11

Address:- will be confirmed on purchase order but expected to be:

Environment Agency
Staplake Mount
Starcross
Exeter
EX6 8FD

Environment Agency
Olympia House
Gelderd Lane
Leeds
LS12 6DD

5 Insurance

18

Professional Indemnity Min. Cover £5 million

Third Party Minimum Cover £5 million

	Public Liability Min. Cover	£5 million	
6	Limit on Liability		17
	Limit on Contractors Liability	£5 million	

Specification

This section sets out the Authority's requirements.

1.1 Overview

- 1.1.1. The Environment Agency's Monitoring Laboratories (formally National Laboratory Service; NLS) have responsibility for the provision of analytical analysis in accordance with the Agency's statutory responsibility for monitoring the environment.
- 1.2. Monitoring Laboratories comprises 4 sites with analytical laboratories situated in Starcross, Exeter, Leeds and Brampton and employs in excess of 280 scientists, analytical specialists and support staff. Monitoring Laboratories currently owns and uses over 200 major analytical instruments.
- 1.3. Monitoring Laboratories obtains additional external funding by competitively winning & undertaking analysis for non-Agency clients. This stance is reflected in all the Monitoring Laboratories business dealings as a desire to achieve best value for money in the commercial marketplace as well as within the public sector.

2. Requirements

2.1. Overview

- 2.1.1. Monitoring Laboratories has identified a need to asset replace its eight (8) nutrient analysers Equipment used in a range of high throughput analysis of various environmental water samples.
- 2.1.2. The requirement is for the purchase, installation and commissioning of up to eight (8) Discrete Nutrient Analysers (the Equipment).

2.2. Detailed Requirements

- 2.2.1. The Equipment comprises of a nutrients analyser and data handling system. The individual components are described in section 2.3 of this specification.
- 2.2.2. All aspects of the Equipment must conform to the requirements of Good Laboratory Practice (GLP), Good Automated Laboratory Practice (GALP) and meet the requirements of the international standard BS EN ISO/IEC 17025:2000 (General requirements for the competence of testing and calibration laboratories).
- 2.2.3. The Equipment will be used by the Authority for analysing a range of environmental water samples; principally fresh and saline waters and effluents.

2.2.4. Systems must be able to provide analysis for Alkalinity ,ammonia, chloride, orthophosphate, nitrite, silicate and TON (Total Oxidised Nitrogen).

2.2.5. The Equipment must be capable of achieving the detection limits outlined in section 2.2.5 a) to c) below and the detection limit must be achievable according to the NLS definition for performance testing (NS30), please refer to the definition below. The evaluation targets are as follows; RSD ≤5%, Bias ±10%, Recovery 90-110%.

“...The MRV is calculated using the definition given in NS30 (Manual on Analytical Quality Control for the Water Industry, R.V.Cheeseman & A.L. Wilson, revised by M.J.Gardner WRc 1989, ISBN 0 902156 85 3) and is based on the concept of an adequately low risk of failure to detect the determinand.

It is calculated using the equation: $LoD = 2\sqrt{2}.t.s_w$ where S_w is the within batch standard deviation blank results, t is the student's t statistic for the number of degrees of freedom assigned to the standard deviation”.

a) Treated Sewage Effluent

Treated Sewage Effluent	Detection limit (mg/l)	Range
Alkalinity	5	100
Ammonia	0.03	2
Chloride	1	200
Nitrite	0.001	1
Orthophosphate	0.01	2
Silicate	0.2	20
TON	0.2	20

b) Fresh (Surface) Water Range

Fresh (Surface) Water Range	Detection limit (mg/l)	Range
Ammonia	0.5	50
Chloride	10	1000
Nitrite	0.1	10
Orthophosphate	0.5	20
TON	1	50

2.3. Components Of The Equipment

2.3.1. Sample Introduction System - the Equipment must be capable of automated operation, after samples have been loaded into the Equipment. Samples are prepared and manually added to the Equipment by the laboratory analyst. The Equipment must be capable of automated dilution with an accuracy of 90% for over-range samples.

2.3.2. Equipment capacity:

- a) The required number of Equipment to service a sample throughput of six hundred (600) tests completed per hour (not including ion selective electrode tests) must fit within a floor area limited to 25m² (5x5m) - including workstation space for the Authority operator and reasonable space for operation of the Equipment including PC.
- b) The maximum number of Equipment supplied to meet the requirement in 2.3.3 a) is four (4) in order for the Authority to be able to operate within user capacity.
- c) The on-board Equipment reagent capacity for each test method must be sufficient enough to allow for the analysis of at least 180 samples per individual Equipment without requiring replenishment. The Equipment must hold enough consumables i.e. cuvettes, water, waste, to complete a run consisting of the full sample capacity without requiring user interaction.

2.3.3. Analyser use and maintenance:

- a) Sample and reagent dispenser probes (needle), syringes, mixers, the lamp and tubing must be replaceable by the Authority's analyst.
- b) Analysis must be discrete in nature in its entirety. Each reaction must occur in a unique and individual cell of a multi-cell cuvette, allowing for multiple reactions to occur in quick succession. Photometric measurement must be carried out in the same cell as the reaction occurs.
- c) If any recycling or re-use of cuvettes is carried out by the Equipment as part of its normal operating procedure, then, contamination controls between sample measurements must not have carryover between the over range sample and blank measurement which is less than the target reporting limit for Ammonia and Phosphate. This will be evaluated as part of the sample evaluation process, which is based on provision of a sample which is over the calibration range for Phosphate and Ammonia on the Freshwater method, followed by a blank, which should be run using the same cuvette. Please refer to Appendix 5 for information on running samples and Technical Question E08.
- d) The reagents must be chilled below ambient temperature by at least 5 degrees Celsius once loaded onto the Equipment. The Equipment must be able to accommodate thirteen (13) different reagents at any one time and provide a stable temperature environment.
- e) The Equipment must be capable of 'reflexing' sample analysis to an alternative calibration range. For example, if a sample result is below the calibration range the Equipment will automatically re-analyse it against a lower existing calibration range.
- f) The Equipment must include sample racks which are removable to allow for sample and standard preparation by the Authority's analyst. The Equipment must have the ability to identify racks automatically, for example, including but not limited to use of barcode or QR code, and allow for addition of racks during the analytical run - to allow the run to be started whilst the analyst prepares the remainder of the run.
- g) The Equipment must be compatible with non-proprietary consumables and reagents.
- h) The Equipment must minimise manual interaction required by the user including minimising the number of steps required to operate the Equipment and the use of prompts and relevant messaging as well as intuitive software operation.
- i) The Equipment must have a straightforward flow through the programming of the method and with user interaction,
- j) The Equipment must have bespoke automated dilution based upon a set calibration range that will automatically trigger a dilution of the sample to bring the result within the set calibration range,
- k) The Equipment must have a user interface that enables intuitive user interaction and operation and must provide essential information on how the Equipment is running and other messages that provide visual clarity, such as, warning messages for consumables running out, estimated time run remaining, an indication that results are ready to accept or reject, hardware and software error messages, low cuvette numbers remaining, reagent volume/levels, water and waste volumes/levels, maintenance & service intervals, lamp run time, results ready to accept/reject.

2.3.4. Software, Data Handling and Control - the Equipment must include the following:

- a) Computer hardware and software, suitable for the operation of the Equipment and processing of the data which must be fully programmed for operation.
- b) Software must be capable of being customised by simple macro programming and provide full direct data exchange (DDE) communication with third party software (e.g. Office 365 Microsoft Excel).
- c) A stand-alone version of the software must be available in case of contingency situations including PC hardware failure.
- d) The Equipment must include a high quality (min. 1200 dpi), fast (min. 26 PPM) laser printer, with full duplexing facilities, a minimum of 48Mb RAM onboard memory, variable fonts and a minimum 250 sheet A4 paper tray in order to print results. The printer must be capable of utilising 100% recycled paper. The Equipment must have full power management facilities to save energy when not in use.
- e) Interface with a LAN (local area network) system and appropriate software.
- f) The Equipment software must be capable of repeating sample analysis throughout of the same run if requested by the EA user.
- g) The calibration type for each analyte must be selectable by the analyst i.e options for first or second order calibration type
- h) The software must allow for the calibration to be run and accepted manually by the user before sample analysis is carried out.
- i) The software must be capable of reagent lot number tracking and expiry as well as reagent level.
- j) Software that clearly displays instrument status and prior warnings related to operation of the Equipment including but not limited to calibration acceptance.

2.4. Quality Performance Specification

The following performance for all substances measured by the Equipment has been achieved and formed part of the sample analysis report that was required to be submitted by all tenderers:

- a) Calibration Coefficient – The calibration coefficient (R^2) for all analytes should be equal to or greater than 0.999

- b) Calibration type – 1st or 2nd order calibration plus a graph representing this
- c) Detection Limits Achievement – as per Section 2.2.1, 2.2.2 and 2.2.3
- d) Precision (%RSD) – ≤5%
- e) BIAS – ≤10%

3. Delivery

- Delivery of two (2) discrete nutrient analysers are required before 31st March 2022.
- Delivery of any additional volume of Equipment, up to a total of Eight (8) discrete nutrient analysers, including the two (2) Equipment required by 31st March 2022, may take place throughout the contract term in accordance with the lead time of five (5) weeks.
- The Equipment must be delivered to either or both of the following delivery locations, the location shall be confirmed by the Authority at the time of placing individual purchase orders:

Environment Agency
Staplake Mount
Starcross
Exeter
EX6 8FD

Environment Agency
Olympia House
Gelderd Lane
Leeds
LS12 6DD

- Delivery must be made within normal Working Hours 9am – 5pm Monday to Friday (excluding Public Holidays).
- All freight costs, door-to-door, must be met by the Contractor.
- All costs in order to be able to deliver under Delivered Duty Paid incoterms, must be met by the Contractor.
- All packaging must be removed by the Contractor and recycled/reused where possible and in accordance with all relevant legislation.

4. Installation and Training

- Following Delivery, the Authority must require installation and commissioning of the Equipment by the Contractor, to include initial assembly, calibration and programme set-up within one (1) week.

- The Authority will supply Personal Protective Equipment (PPE) on entry into the laboratory and the Contractor must follow social distancing measures.
- The Contractor must provide an operation manual with the Equipment which must include Equipment set-up instructions.
- The Contractor must be responsible for the complete installation of the Equipment, including off-loading, erection, electrical and mechanical connections, testing and commissioning.
- The Contractor must be responsible for, including the cost of, off-loading, handling and installation of the Equipment on site. Adequate labour must be provided by the Contractor to enable safe and efficient off-loading and installation of the System. It is the Contractor's responsibility to check on the availability and loading capacity of any lifts on site and to check that adequate access via corridors and doorways exists for the Equipment, as delivered and packed. The Authority will not have staff available to assist.
- The Contractor must provide on-site training to a minimum of two (2) Authority users per Equipment on routine use of the Equipment, either during installation or within two (2) weeks of installation.
- The Contractor must also provide ongoing technical advice, via telephone and/or email Helpdesk system, to EA users to allow users of the Equipment to raise technical questions and queries to support effective operation of the Equipment, with initial response being provided by the Contractor within 48 hours.
- The Contractor must attend site to resolve issues that can't be resolved via telephone and/or email within one (1) week of the issue being raised by the Authority.

5. Price and Payment

- The Contract Price includes the cost of packaging, packing materials, addressing, labelling, loading, delivery to the address named in the Official Order, installation, commissioning and training and be in accordance with the amount set out in the Contractor's Response. All other costs, charges, fees and expenses of whatever kind for or arising out of or in connection with the provision of the Goods and Services must be paid by the Contractor unless otherwise agreed in writing by the Agency.
- The Contractor's invoice must be sent on completion of the satisfactory delivery, installation, commissioning and training of users.

6. Warranty

- The Equipment must carry a minimum of one (1) year's warranty including all parts, labour, breakdown, call-outs and servicing.
- The warranty period must commence on the date of installation.

- In the event of any break-downs, call-outs, servicing or other circumstance, the Authority will inform the Contractor, specifying the relevant details and required timings for resolution.
- The warranty must include any software updates that are required for the operation of the Equipment.

7. Additional information

- The Contractor must ensure that the Authority is aware of any communications or safety alerts applicable to the Equipment at any time during the life of the Contract.

8. Staff

- While on the premises of the Authority, the Contractor must comply, and must ensure that its staff comply, with the requirements of the Health and Safety at Work etc Act 1974 and other relevant legislation, including regulations and codes of practice issued thereunder, and with the Authority's policies and procedures.
- The Contractor must provide its staff with a form of identity acceptable to the Authority, which they must display on their clothing at all, times when they are on the Authority's premises.
- All Contractor's staff must report to the Authorised Officer on arrival and departure from the premises. Visits to the Installation Site are not permitted without the consent of the Authority.
- The Contractor must cause as little interference as possible with the activities on the premises.
- The Contractor must instruct its staff as to fire risks and require them not to smoke on the premises except where it is expressly permitted.
- The Contractor must remove any of its staff from the premises where the Authority requests on grounds of efficiency, safety or public interest.

9. Social Value – Climate Emergency -- Addressing the impacts of a Changing Climate and enhancing the environment

- 9.1.** In June 2018, Government announced it would explicitly evaluate Social Value when awarding most major contracts. Following a public consultation, the Government has defined Social Value through a series of priority themes and policy outcomes which are important to deliver through Government's

commercial activities. Please visit <https://www.gov.uk/government/publications/social-value-act-information-and-resources/social-value-act-information-and-resources> for further information.

- 9.2.** The Contractor must seek to implement the Social Value commitments made in their Tender and report on their progress against these commitments to the Authority on an annual basis as part of the Annual Review Meetings.
- 9.3.** The priority themes and policy outcomes assessed as part of the Tender for this Contract are as follows: Climate Emergency -- Addressing the impacts of a Changing Climate and enhancing the environment

The Contractor must be expected to put in place actions to contribute to the following:

- The Re-use and recycling of plastic based materials associated with consumables used during normal instrument operation.
- Identification and understanding of the key greenhouse gas emissions that occur across the life-cycle associated with deliverables (direct & indirect/scopes 1, 2 & 3).
- Action plan to deliver effective greenhouse gas reduction activities following the hierarchy approach (eliminate, reduce as far as possible and offsetting the residual).
- Approach to whole-life resource consumption following a hierarchy approach (eliminate first then reduce as far as possible), ensuring energy efficient products/services/processes are implemented to support the deliverables
- Measures in place to ensure competency and capability of key staff/supply chain.
- Approach to manage and monitor key greenhouse gas emission reduction.
- initiatives with the market to address and remove key blockers to achieving net zero emissions,
- Delivery of greenhouse gas reductions in line with a net zero target.
- Identification and understanding of any increase in risk relating to the approach on other sustainability impact areas and how this will be managed and reduced.
- Where tree planting is proposed, e.g. as part of carbon offsetting, demonstrate an understanding of the biosecurity risks to tree and plant health and how these risks will be mitigated.