

SCHEDULE 6

ORDER FORM

CONTRACT REF: C22183

This Order is made by Defra (the "Authority") on behalf of the Environment Agency (EA) (the "Customer") pursuant to the terms of this Framework Agreement with Advanced Procurement for Universities and Colleges (APUC) for Mass Spectrometry Equipment Framework (reference LAB 1029AP, Lot 1) with Thermo Fisher Scientific (the Contractor).

It is agreed as follows:

1. GOODS TO BE SUPPLIED

- 1.1 One (1) Integrion with AS-DV autosampler (Sulphate) as per Quote Ref CPQ-00617089, to include the provisions as detailed within this Order Form.
- 1.2 One (1) Integrion with UV/Vis module and AS-AP autosampler (Bromate) as per Quote Ref CPQ-00617100, to include the provisions as detailed within this Order Form.
- 1.3 One (1) Integrion with AS-DV autosampler (Iodide) as per Quote Ref CPQ-00616975, to include the provisions as detailed within this Order Form.
- 1.4 One (1) Integrion with AS-DV autosampler (Bromide) as per Quote Ref CPQ-00616952, to include the provisions as detailed within this Order Form.
- 1.5 One (1) Integrion with UV/Vis module and AS-AP autosampler (Chromate) as per Quote ref CPQ-00616952, to include the provisions as detailed within this Order Form.
- 1.6 Deliveries shall be made to the following locations on 01/03/2024 for the following goods:
 - 1.6.1 Monitoring Laboratory Services (MLS)
Environment Agency
Leeds Laboratory
Olympia House
Gelderd Lane, Gelderd Road
Leeds
LS12 6DD
Tel: [REDACTED]

Equipment to be delivered and installed;

One (1) Integrion with AS-DV autosampler (Sulphate)

One (1) Integrion with UV/Vis module and AS-AP autosampler (Bromate)
 - 1.6.2 Monitoring Laboratory Services (MLS)
Environment Agency
Starcross Laboratory
Staplake Mount
Starcross

Exeter
EX6 8FD
Tel: [REDACTED]

Equipment to be delivered and installed;

One (1) Integrion with AS-DV autosampler (Iodide)

One (1) Integrion with AS-DV autosampler (Bromide)

One (1) Integrion with UV/Vis module and AS-AP autosampler (Chromate)

All deliveries shall be made within the Working Hours of 10am – 4pm Monday to Friday (excluding Public Holidays).

All deliveries shall require five (5) working days' notice to the respective site, prior to delivery, such that suitably qualified staff are available to take delivery and move the Goods to safe intermediate storage prior to installation. Failure to do so will result in rejection of delivery, and re-delivery shall be at the expense of the Contractor.

The Contractor shall provide Pallet Numbers and the details of the consignment to the Authority's relevant delivery site prior to delivery i.e., the number of items that are palletized, including their dimensions, weight and the number of boxes within each pallet.

The Contractor shall ensure the Goods are packaged securely and shall ensure all items are delivered undamaged up to point of delivery and acceptance of the Goods by the Authority.

The Contractor shall deliver the goods required to the two sites using a single transport vehicle to reduce carbon footprint.

All freight costs, door-to-door, shall be met by the Contractor.

All costs to be able to deliver under Delivered Duty Paid incoterms, shall be met by the Contractor.

Upon installation, all packaging shall be removed by the Contractor and recycled/reused where possible. Disposal of waste must comply with all relevant legislation.

2. SCOPE OF SERVICES

2.1 Warranty

The fully comprehensive warranty period shall be a minimum of twelve (12) months and shall cover all parts and labour during that period.

2.2 Installation

Following Delivery, the Customer shall require installation and commissioning of the Goods by the Contractor, to include initial assembly, calibration and programme set-up. Installation shall be completed within three (3) of the delivery date, unless otherwise agreed between the Customer and the Contractor.

2.3 Training

Each equipment purchase includes one (1) day of IC/ASE user training, delivered by an application support scientist, including a training certificate for a maximum of five (5) people at the Customer's site. This training has a validity period of fifteen (15) months period which shall commence from the agreed installation date. The Customer shall book training with the Contractor by emailing Training.CMD.EU@thermofisher.com with the purchase order number and order confirmation number.

The Contractor shall ensure that the Customer is aware of any communications or safety alerts applicable to the Goods at any time.

2.4 Out of Scope Goods/Services

N/A

2.5 Key Personnel

The following are the Key Personnel engaged:

Customer

[REDACTED]
The Environment Agency
Monitoring Laboratory Services (MLS)
Starcross Laboratory
Staplake Mount
Starcross
Exeter EX6 8FD
[REDACTED]

Contractor

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

2.6 Deliverables, Milestones and Acceptance Criteria

As detailed in Clause 1.7 (Delivery), Clause 2.1 (Warranty), Clause 2.2 (Installation), Clause 2.3 (Training) and Clause 3 (Charges).

2.7 Service Levels & Service Credits

The Contractor shall be managed by the Customer's Contract Manager, and, if required, will review and discuss any issues that arise during the Contract term.

Below are the framework KPIs which shall apply to this Call-off Contract;

	Category	Measure	Target	Data Source	Calculation Method
KPI 1	Service	Delivery (in full). To ensure that all orders placed in the period, are delivered in full	98%	No. shortages reported of	$1 - (\text{no. of inaccurate deliveries} / \text{total number of deliveries}) \times 100$

	Category	Measure	Target	Data Source	Calculation Method
KPI 2	Service	Delivery (on time). To ensure that all deliveries in the period are made on time.	98%	No. of deliveries missed	$1 - (\text{no. of missed deliveries} / \text{total no. of deliveries}) \times 100$
KPI 3	Quality	Products supplied, in the period, to meet agreed standards.	99%	No. of unacceptable items delivered	$1 - (\text{no. of unacceptable items} / \text{total no. of products ordered}) \times 100$
KPI 3	Service	Invoice Accuracy	95%	No. if mis-matches reported	$1 - (\text{no. of mis-matches reported between Invoice and Purchase Order} / \text{total no. of items ordered}) \times 100$

2.8 Documentation

On acceptance of this Order Form, the Customer will raise individual Purchase Orders (POs) for the Goods detailed in Section 3. Following satisfactory delivery and installation (and training where required by the customer) of the Goods, the Contractor shall issue separate invoices for individual Purchase Order(s).

All invoices shall be sent, quoting a valid PO number, to:

EA: APinvoices-ENV-U@gov.sscl.com

Alternatively, you may post to:
 For EA SSCL (Environment Agency)
 PO Box 797
 Newport
 Gwent
 NP10 8FZ

If you have a query regarding an outstanding payment, please contact the Customer's Authorised Representative(s).

2.9 Dependencies

N/A

2.10 Assumptions

N/A

2.11 Approved Sub-Contractors

N/A

3. CHARGES

The Contract Price for the Goods is a total of [REDACTED] excl. VAT, as per the Contractor's quotations (reference CPQ-00617089; CPQ-00617100; CPQ-00616975; CPQ-00616952; CPQ-00616931) dated 9th October 2023, which are summarised below and broken down as follows:

Goods	Quote Ref	Quotation Sub-total	Discount	Shipping	Surcharge	Quotation Total less Framework Discount
1 x Integrion with AS-DV autosampler (Sulphate)	CPQ-00617089	£[REDACTED]	£[REDACTED]	£[REDACTED]	£[REDACTED]	£[REDACTED]
1 x Integrion with UV/Vis module and AS-AP autosampler (Bromate)	CPQ-00617100	£[REDACTED]	£[REDACTED]	£[REDACTED]	£[REDACTED]	£[REDACTED]
1 x Integrion with AS-DV autosampler (Iodide)	CPQ-00616975	£[REDACTED]	£[REDACTED]	£[REDACTED]	£[REDACTED]	£[REDACTED]
1 x Integrion with AS-DV autosampler (Bromide)	CPQ-00616952	£[REDACTED]	£[REDACTED]	£[REDACTED]	£[REDACTED]	£[REDACTED]
1 x Integrion with UV/Vis module and AS-AP autosampler (Chromate)	CPQ-00616931	£[REDACTED]	£[REDACTED]	£[REDACTED]	£[REDACTED]	£[REDACTED]
Total		£[REDACTED]				

Goods 1 x Integrion with AS-DV autosampler (Sulphate)			
Quote Ref CPQ-00617089			
Item	Description	Qty	Unit Price
1.1	<p>22153-60303 PROD,INTEGRION, RFIC, DEGAS, OVEN Full Integrion system, including HPIC Pump, 6-port injection valve, 25 µL injection loop, 2 L eluent bottle, one electrolytic power outlet (for suppressor), low-pressure eluent degasser, high pressure RFIC-EG degasser, and an additional two electrolytic power outlets (for eluent generation). The Column Oven provides precise temperature control over a wide temperature range with fast heat-up times. This supports all standard bore and microbore guard and separator column sizes, in addition to single and dual valve configurations. The forced air, in-line temperature control stabilizes operating conditions and reduces temperature gradients to ensure consistent separations.</p> <ul style="list-style-type: none"> •Ensure analytical reproducibility •Optimize separation to increase result accuracy <p>Consumables Tracking enables tracking and monitoring of performance and usage across all consumables to enable proactive maintenance and replacement.</p> <ul style="list-style-type: none"> •Ensure correct setup and initial performance •Evaluate laboratory expenditure and usage 	1	£[REDACTED]

	<ul style="list-style-type: none"> •Monitor consumables for optimal performance Eluent Generation generates high-purity eluents on-line, ensuring perfectly consistent performance. With eluent generation, gradient separations can be as easy as isocratic applications. •Increased sensitivity with a reduced background •Reduce pump maintenance •Reduce errors with no manual preparation •Ensure analytical reproducibility •Easily run complex and simple gradient separations 		
1.3	068907 PROD,AS-DV AS-DV Autosampler	1	£ [REDACTED]
1.4	22153-62034 PROD, KIT, CD, INTEGRION, ITGN Dionex Integrion CD Conductivity Detector and Integrated Cell	1	£ [REDACTED]
1.5	22153-62011 PROD, KIT, SEAL WASH, INTEGRION Seal Wash Kit for Dionex Integrion Systems Adds an automated pump piston seal wash to remove salt buildup when running manually prepared eluents. Improves piston life.	1	£ [REDACTED]
1.9	7350.0104A £0.01 1 CM LICENSE CODE: NEW Required for all new Chromeleon 7.3 or later installations and includes: <ul style="list-style-type: none"> •New license Code •Installation media •Chromeleon box 	1	£ [REDACTED]
1.10	7100.0108 CHROMELEON SINGLE EDITION (SE) Provides one client and enables control of one Thermo Scientific instrument and: <ul style="list-style-type: none"> •includes Instrument Controller, Class 1 Instrument license, Data Client, Instrument Operation, Report Designer Pro and Fraction Collection •must be ordered with 7050.0104A or one of its variants •can only be used for Workstation installations 	1	£ [REDACTED]
1.11	704-033700 1 day IC/ASE training and support cust 1 day IC or ASE user training, delivered by an application support scientist, incl. training certificate for max. 5 people at customer site. Support is a different request type and will only be provided by prior arrangement. This training voucher has a validity of 15 months. To book your training please share the order confirmation number or voucher "SST-xxxxxx" number by e-mailing to: Training.CMD.EU@thermofisher.com	1	£ [REDACTED]
1.12	051664 CBL,3COND,LINE CORD,UK,IRELAND CBL,3COND,LINE CORD,UK,IRELAND	2	£ [REDACTED]
1.15	COMP-C-176 DELL OPTIPLEX XE4 MT-I7 - 1TB SSD - 16GB	1	£ [REDACTED]
1.6	088662 Dionex CR-ATC 600 Trap Column Dionex™ CR-ATC 600 Continuously Regenerated Anion Trap Column for Consumables Tracking enabled systems	1	£ [REDACTED]
1.7	075778 Dionex EGC 500 KOH Cartridge Dionex™ EGC 500 KOH Potassium Hydroxide Eluent Generator Cartridge	1	£ [REDACTED]
1.8	088667W2Y PROD,ADRS600,2MM,W/2YR WARRANTY	1	£ [REDACTED]
1.13	063065 IonPac AS20 Analytical Column, 2x250mm The Dionex IonPac AS20 column is a high-capacity, hydroxide-selective anionexchange column designed for the determination of trace levels of perchlorate in drinking water, surface water, and groundwater matrices. It is the column specified in U.S. EPA Method 314.1 (Confirmatory Method).	1	£ [REDACTED]

1.14	063066 IonPac AG20 Guard Column, 2x50mm The Dionex IonPac AG20 guard column is optimized for use with the Dionex IonPac AS20 column	1	£ [REDACTED]
1.2	701-086201 YEAR 2 AND 3 IC/SP PARTS ONLY WARRANTY Factory warranty for service parts required to perform repairs during years 2 and 3 after the date of instrument installation	2	£ [REDACTED]
2.0	302895 PROD,VIPER LOOP,10 uL,.007 ID,(402mm)	1	£ [REDACTED]
	Quotation Subtotal		£ [REDACTED]
	Promotions / Discounts		- £ [REDACTED]
	Shipping		£ [REDACTED]
	Surcharge		£ [REDACTED]
	Quotation total less discounts		£ [REDACTED]
	Quotation Total without VAT:		£ [REDACTED]

Goods 1 x Integrion with UV/Vis module and AS-AP autosampler (Bromate)			
Quote Ref CPQ-00617100			
Item	Description	Qty	Unit Price
1.1	22153-60302 PROD,INTEGRION,DEGAS,OVEN Full Integrion system, including HPIC Pump, 6-port injection valve, 25 µL injection loop, 2 L eluent bottle, one electrolytic power outlet (for suppressor), and low-pressure eluent degasser. The Column Oven provides precise temperature control over a wide temperature range with fast heat-up times. This supports all standard bore and microbore guard and separator column sizes, in addition to single and dual valve configurations. The forced air, in-line temperature control stabilizes operating conditions and reduces temperature gradients to ensure consistent separations. •Ensure analytical reproducibility •Optimize separation to increase result accuracy Consumables Tracking enables tracking and monitoring of performance and usage across all consumables to enable proactive maintenance and replacement. •Ensure correct setup and initial performance •Evaluate laboratory expenditure and usage •Monitor consumables for optimal performance•Easily run complex and simple gradient separations	1	£ [REDACTED]
1.4	079656 PROD,AS-AP,+10ML RACKS,VIALS AS-AP Autosampler	1	£ [REDACTED]
1.9	069116 PROD,VWD-IC, 2G, 1 CHANNEL Variable Wavelength Detector, Single Wavelength	1	£ [REDACTED]
1.2	22153-62011 PROD, KIT, SEAL WASH, INTEGRION Seal Wash Kit for Dionex Integrion Systems Adds an automated pump piston seal wash to remove salt buildup when running manually prepared eluents. Improves piston life.	1	£ [REDACTED]
1.5	074936 PROD,ASSY,RACK,40 VIAL,AS-AP AS-AP 1.5/0.3 mL Vial Tray	3	£ [REDACTED]
1.6	074307 Sample Syringe, 1mL, AS-AP Sample Syringe, 1000µL	1	£ [REDACTED]
1.7	074998 ASSY,BUFFER LOOP,1200 UL,AS-AP	1	£ [REDACTED]

1.8	051664 CBL,3COND,LINE CORD,UK,IRELAND CBL,3COND,LINE CORD,UK,IRELAND	2	£ [REDACTED]
1.10	6074.0200 FLOW CELL, 11UL, ANALYT.,PEEK, VWD Analytical Flow Cell for VWD-3000 Series, PEEK, 11 µL Volume, 10 mm Pathlength	1	£ [REDACTED]
1.11	063973 AXP Auxiliary Pump Auxillary Pump AXP Auxiliary Pump	1	£ [REDACTED]
1.12	COMP-C-176 DELL OPTIPLEX XE4 MT-I7 - 1TB SSD - 16GB	1	£ [REDACTED]
1.13	7350.0104A CM LICENSE CODE: NEW Required for all new Chromeleon 7.3 or later installations and includes: <ul style="list-style-type: none"> • New license Code • Installation media • Chromeleon box 	1	£ [REDACTED]
1.14	7100.0108 CHROMELEON SINGLE EDITION (SE) Provides one client and enables control of one Thermo Scientific instrument and: includes Instrument Controller, Class 1 Instrument license, Data Client, Instrument Operation, Report Designer Pro and Fraction Collection <ul style="list-style-type: none"> • must be ordered with 7050.0104A or one of its variants • can only be used for Workstation installations 	1	£ [REDACTED]
1.15	704-033700 1 day IC/ASE training and support cust 1 day IC or ASE user training, delivered by an application support scientist, incl. training certificate for max. 5 people at customer site. Support is a different request type and will only be provided by prior arrangement. This training voucher has a validity of 15 months. To book your training please share the order confirmation number or voucher "SST-xxxxxx" number by e-mailing to: Training.CMD.EU@thermofisher.com	1	£ [REDACTED]
1.18	043700 ASSY,RCTN COIL,375UL,UNPOT Knitted Reaction Coil, 375 µL, Unpotted	1	£ [REDACTED]
1.16	035391 CarboPac PA1 Analytical Column, 4x250mm The Dionex CarboPac PA1 column is a rugged all-purpose column suitable for determining monosaccharides and disaccharides in a variety of matrices.	1	£ [REDACTED]
1.17	043096 CarboPac PA1 Guard Column, 4 x 50mm The Dionex CarboPac PA1 guard column is optimized for use with the Dionex CarboPac PA1 column	1	£ [REDACTED]
1.19	039567 IONPAC NG1-10 UM GUARD COLUMN, 4X35MM The Dionex IonPac NG1 guard column is optimized for use with the Dionex IonPac NS1 column	1	£ [REDACTED]

1.3	701-086201 YEAR 2 AND 3 IC/SP PARTS ONLY WARRANTY Factory warranty for service parts required to perform repairs during years 2 and 3 after the date of instrument installation	2	£ [REDACTED]
3.0	042954 ASSY,SAMPLE LOOP,500UL,PK	1	£ [REDACTED]
4.0	044129 2L Plastic Eluent Bottle 2L Plastic Bottle with Cap	1	£ [REDACTED]
2.0	P-727 PEEK TEE 10.32 0.02 ID	1	£ [REDACTED]
	Quotation Subtotal		£ [REDACTED]
	Promotions / Discounts		- £ [REDACTED]
	Shipping		£ [REDACTED]
	Surcharge		£ [REDACTED]
	Quotation total less discounts		£ [REDACTED]
	Quotation Total without VAT:		£ [REDACTED]

Goods: 1 x Integrion RFIC + AS-DV Iodide Starcross

Quote CPQ-00616975

Ref

Item Description Qty Unit Price

1.1	22153-60303 PROD,INTEGRION, RFIC, DEGAS, OVEN Full Integrion system, including HPIC Pump, 6-port injection valve, 25 µL injection loop, 2 L eluent bottle, one electrolytic power outlet (for suppressor), low-pressure eluent degasser, high pressure RFIC-EG degasser, and an additional two electrolytic power outlets (for eluent generation). The Column Oven provides precise temperature control over a wide temperature range with fast heat-up times. This supports all standard bore and microbore guard and separator column sizes, in addition to single and dual valve configurations. The forced air, in-line temperature control stabilizes operating conditions and reduces temperature gradients to ensure consistent separations * Ensure analytical reproducibility * Optimize separation to increase result accuracy Consumables Tracking enables tracking and monitoring of performance and usage across all consumables to enable proactive maintenance and replacement. * Ensure correct setup and initial performance * Evaluate laboratory expenditure and usage * Monitor consumables for optimal performance Eluent Generation generates high-purity eluents on-line, ensuring perfectly consistent performance. With eluent generation, gradient separations can be as easy as isocratic applications. * Increased sensitivity with a reduced background * Reduce pump maintenance * Reduce errors with no manual preparation * Ensure analytical reproducibility * Easily run complex and simple gradient separations	1	£ [REDACTED]
1.3	068907 PROD,AS-DV AS-DV Autosampler AS-DV Autosampler	1	£ [REDACTED]
1.4	22153-62034 PROD, KIT, CD, INTEGRION, ITGN Dionex Integrion CD Conductivity Detector and Integrated Cell	1	£ [REDACTED]
1.5	22153-62011 PROD, KIT, SEAL WASH, INTEGRION Seal Wash Kit for Dionex Integrion Systems Adds an automated pump piston seal wash to remove salt buildup when running manually prepared eluents. Improves piston life	1	£ [REDACTED]

1.9	7350.0104A CM LICENSE CODE: NEW Required for all new Chromeleon 7.3 or later installations and includes: * New license Code * Installation media * Chromeleon box	1	£ [REDACTED]
1.10	7100.0108 CHROMELEON SINGLE EDITION (SE) Provides one client and enables control of one Thermo Scientific instrument and * includes Instrument Controller, Class 1 Instrument license, Data Client, Instrument Operation, Report Designer Pro and Fraction Collection *must be ordered with 7050.0104A or one of its variants *can only be used for Workstation installations	1	£ [REDACTED]
1.11	051664 CBL,3COND,LINE CORD,UK,IRELAND CBL,3COND,LINE CORD,UK,IRELAND	2	£ [REDACTED]
1.14	COMP-C-176 DELL OPTIPLEX XE4 MT-I7 - 1TB SSD - 16GB	1	£ [REDACTED]
1.18	704-033700 1 day IC/ASE training and support cust 1 day IC or ASE user training, delivered by an application support scientist, incl. training certificate for max. 5 people at customer site. Support is a different request type and will only be provided by prior arrangement. This training voucher has a validity of 15 months. To book your training please share the order confirmation number or voucher "SST-xxxxxx" number by e-mailing to: Training.CMD.EU@thermofisher.com	1	£ [REDACTED]
1.6	088662 Dionex CR-ATC 600 Trap Column Dionex™ CR-ATC 600 Continuously Regenerated Anion Trap Column for Consumables Tracking enabled systems	1	£ [REDACTED]
1.7	075778 Dionex EGC 500 KOH Cartridge Dionex™ EGC 500 KOH Potassium Hydroxide Eluent Generator Cartridge	1	£ [REDACTED]
1.8	088667W2Y PROD,ADRS600,2MM,W/2YR WARRANTY	1	£ [REDACTED]
1.12	063065 IonPac AS20 Analytical Column, 2x250mm The Dionex IonPac AS20 column is a high-capacity, hydroxide-selective anion- exchange column designed for the determination of trace levels of perchlorate in drinking water, surface water, and groundwater matrices. It is the column specified in U.S. EPA Method 314.1 (Confirmatory Method).	1	£ [REDACTED]
1.13	063066 IonPac AG20 Guard Column, 2x50mm Dionex IonPac AG20 guard column is optimized for use with the Dionex IonPac AS20 column.	1	£ [REDACTED]
1.2	701-086201 YEAR 2 AND 3 IC/SP PARTS ONLY WARRANTY Factory warranty for service parts required to perform repairs during years 2 and 3 after the date of instrument installation	2	£ [REDACTED]
2.0	052305 TUBING,PK,.030ID 5FT	1	£ [REDACTED]
	Quotation Subtotal		£ [REDACTED]
	Promotions / Discounts		£ [REDACTED]
	Shipping		£ [REDACTED]
	Surcharge		£ [REDACTED]
	Quotation total less discounts		£ [REDACTED]
	Quotation Total without VAT:		£ [REDACTED]

Goods 1 x Integrion RFIC Carbonate/Bicarbonate + AS-DV Bromide Starcross			
Quote Ref CPQ-00616952			
Item	Description	Qty	Unit Price
1.1	<p>22153-60303 PROD,INTEGRION, RFIC, DEGAS, OVEN</p> <p>Full Integrion system, including HPIC Pump, 6-port injection valve, 25 µL injection loop, 2 L eluent bottle, one electrolytic power outlet (for suppressor), low-pressure eluent degasser, high pressure RFIC-EG degasser, and an additional two electrolytic power outlets (for eluent generation) The Column Oven provides precise temperature control over a wide temperature range with fast heat-up times. This supports all standard bore and microbore guard and separator column sizes, in addition to single and dual valve configurations. The forced air, in-line temperature control stabilizes operating conditions and reduces temperature gradients to ensure consistent separations.</p> <p>*Ensure analytical reproducibility *Optimize separation to increase result accuracy Consumables Tracking enables tracking and monitoring of performance and usage across all consumables to enable proactive maintenance and replacement. *Ensure correct setup and initial performance *Evaluate laboratory expenditure and usage Eluent Generation generates high-purity eluents on-line, ensuring perfectly consistent performance. With eluent generation, gradient separations can be as easy as isocratic applications. Monitor consumables for optimal performance. Eluent Generation generates high-purity eluents on-line, ensuring perfectly consistent performance. With eluent generation, gradient separations can be as easy as isocratic applications. *Increased sensitivity with a reduced background *Reduce pump maintenance *Reduce errors with no manual preparation *Ensure analytical reproducibility *Easily run complex and simple gradient separations</p>	1	£ [REDACTED]
1.3	<p>068907 PROD,AS-DV AS-DV Autosampler</p>	1	£ [REDACTED]
1.4	<p>22153-62034 PROD, KIT, CD, INTEGRION, ITGN Dionex Integrion CD Conductivity Detector and Integrated Cell</p>	1	£ [REDACTED]
1.5	<p>22153-62033 Carbonate mixer bracket for Integrion This option adds a bracket to hold the carbonate mixer column for RFIC-EG carbonate systems.</p>	1	£ [REDACTED]
1.6	<p>22153-62011 PROD, KIT, SEAL WASH, INTEGRION</p> <p>Seal Wash Kit for Dionex Integrion Systems Adds an automated pump piston seal wash to remove salt buildup when running manually prepared eluents. Improves piston life</p>	1	£ [REDACTED]
1.8	<p>7350.0104A CM LICENSE CODE: NEW Required for all new Chromeleon 7.3 or later installations and includes: *New license Code *Installation media *Chromeleon box</p>	1	£ [REDACTED]
1.9	<p>7100.0108 CHROMELEON SINGLE EDITION (SE) Provides one client and enables control of one Thermo Scientific instrument and:</p>	1	£ [REDACTED]

	<p>*includes Instrument Controller, Class 1 Instrument license, Data Client, Instrument Operation, Report Designer Pro and Fraction Collection</p> <p>*must be ordered with 7050.0104A or one of its variants</p> <p>*can only be used for Workstation installations</p>		
1.10	<p>051664</p> <p>CBL,3COND,LINE CORD,UK,IRELAND</p> <p>CBL,3COND,LINE CORD,UK,IRELAND</p>	3	£ [REDACTED]
1.16	<p>COMP-C-176</p> <p>DELL OPTIPLEX XE4 MT-I7 - 1TB SSD - 16GB</p>	1	£ [REDACTED]
1.20	<p>704-033700</p> <p>1 day IC/ASE training and support cust</p> <p>1 day IC or ASE user training, delivered by an application support scientist, incl. training certificate for max. 5 people at customer site. Support is a different request type and will only be provided by prior arrangement. This training voucher has a validity of 15 months. To book your training please share the order confirmation number or voucher "SST-xxxxxx" number by e-mailing to: Training.CMD.EU@thermofisher.com</p>	1	£ [REDACTED]
1.7	<p>085028W2Y</p> <p>PROD,AERS500C,2MM,W/2YR WARRANTY</p>	1	£ [REDACTED]
1.11	<p>302557</p> <p>PROD,COL,IP,AS23-4UM,2X250MM</p> <p>The Dionex IonPac AS23-4µm column is a high-capacity, carbonate-selective anion- exchange column with the same selectivity as the Dionex IonPac AS23 column. It is designed for the determination of oxyhalides and common inorganic anions in diverse sample matrices. Compared to the standard Dionex IonPac AS23 column, this new ion-exchange column uses smaller resin particles for more efficient separations resulting in more accurate peak integration and more reliable results. It is the recommended carbonate-selective 4µm column for U.S. EPA Methods 300.0 (B) and 300.1 (B). A high-pressure IC system is required to operate this column under standard conditions.</p>	1	£ [REDACTED]
1.12	<p>302558</p> <p>PROD,COL,IP,AG23-4UM,2X50MM</p> <p>The Dionex IonPac AG23-4µm guard column is optimized for use with the Dionex IonPac AS23-4µm column</p>	1	£ [REDACTED]
1.13	<p>088453</p> <p>Dionex EGC 500 K2CO3 Cartridge</p> <p>Dionex™ EGC 500 K2CO3 Carbonate Eluent Generator Cartridge</p>	1	£ [REDACTED]
1.14	<p>088467</p> <p>Dionex EGC 500 Carbonate Mixer Kit, 2mm,</p> <p>Dionex™ EGC 500 Carbonate Mixer Kit, 2 mm</p>	1	£ [REDACTED]
1.15	<p>088471</p> <p>Dionex EPM 500 Electrolytic pH Modifier</p> <p>Dionex™ Eluent pH Modifier (EPM 500)</p>	1	£ [REDACTED]
1.2	<p>701-086201</p> <p>YEAR 2 AND 3 IC/SP PARTS ONLY WARRANTY</p> <p>Factory warranty for service parts required to perform repairs during years 2 and 3 after the date of instrument installation</p>	2	£ [REDACTED]
2.0	<p>052305</p> <p>TUBING,PK,.030ID 5FT</p>	1	£ [REDACTED]
	Quotation Subtotal		£ [REDACTED]
	Promotions / Discounts		£ [REDACTED]
	Shipping		£ [REDACTED]
	Surcharge		£ [REDACTED]
	Quotation total less discounts		£ [REDACTED]
	Quotation Total without VAT:		£ [REDACTED]

Goods 1 x Integrion AS-AP- 2mm Chemistry Chromate Starcross
Quote CPQ-00616931
Ref

Item	Description	Qty	Unit Price
1.1	22153-60302 PROD,INTEGRION,DEGAS,OVEN Full Integrion system, including HPIC Pump, 6-port injection valve, 25 µL injection loop, 2 L eluent bottle, one electrolytic power outlet (for suppressor), and low-pressure eluent degasser. The Column Oven provides precise temperature control over a wide temperature range with fast heat-up times. This supports all standard bore and microbore guard and separator column sizes, in addition to single and dual valve configurations. The forced air, in-line temperature control stabilizes operating conditions and reduces temperature gradients to ensure consistent separations *Ensure analytical reproducibility *Optimize separation to increase result accuracy Consumables Tracking enables tracking and monitoring of performance and usage across all consumables to enable proactive maintenance and replacement *Ensure correct setup and initial performance *Evaluate laboratory expenditure and usage *Monitor consumables for optimal performance	1	£ [REDACTED]
1.3	069116 PROD,VWD-IC, 2G, 1 CHANNEL Variable Wavelength Detector, Single Wavelength	1	£ [REDACTED]
1.21	079656 PROD,AS-AP,+10ML RACKS,VIALS AS-AP Autosampler	1	£ [REDACTED]
1.4	063973 AXP Auxiliary Pump Auxillary Pump AXP Auxiliary Pump		£ [REDACTED]
1.5	7350.0104A CM LICENSE CODE: NEW Required for all new Chromeleon 7.3 or later installations and includes: <ul style="list-style-type: none">• New license Code• Installation media• Chromeleon box	1	£ [REDACTED]
1.6	7100.0108 CHROMELEON SINGLE EDITION (SE) Provides one client and enables control of one Thermo Scientific instrument and: <ul style="list-style-type: none">• includes Instrument Controller, Class 1 Instrument license, Data Client, Instrument Operation, Report Designer Pro and Fraction Collection• must be ordered with 7050.0104A or one of its variants can only be used for Workstation installations	1	£ [REDACTED]
1.7	051664 CBL,3COND,LINE CORD,UK,IRELAND CBL,3COND,LINE CORD,UK,IRELAND	3	£ [REDACTED]
1.8	6074.0200 FLOW CELL, 11UL, ANALYT.,PEEK, VWD Analytical Flow Cell for VWD-3000 Series, PEEK, 11 µL Volume, 10 mm Pathlength	1	£ [REDACTED]
1.9	22153-62011 PROD, KIT, SEAL WASH, INTEGRION Seal Wash Kit for Dionex Integrion Systems Adds an automated pump piston seal wash to remove salt buildup when running manually prepared eluents. Improves piston life.	1	£ [REDACTED]
1.10	053640 ASSY,RCTN COIL,3.5IN,.012ID Knitted Reaction Coil, (for 2 mm System, 125 µL)	1	£ [REDACTED]
1.13	COMP-C-176 DELL OPTIPLEX XE4 MT-I7 - 1TB SSD - 16GB	1	£ [REDACTED]

1.14	075520 ASSY,TBG,LOOP, 8.5ML AS-AP	1	£ [REDACTED]
1.15	074307 Sample Syringe, 1mL, AS-AP Sample Syringe, 1000µL	1	£ [REDACTED]
1.20	704-033700 1 day IC/ASE training and support cust 1 day IC or ASE user training, delivered by an application support scientist, incl. training certificate for max. 5 people at customer site. Support is a different request type and will only be provided by prior arrangement. This training voucher has a validity of 15 months. To book your training please share the order confirmation number or voucher "SST-xxxxxx" number by e-mailing to: Training.CMD.EU@thermofisher.com	1	£ [REDACTED]
1.22	074936 PROD,ASSY,RACK,40 VIAL,AS-AP AS-AP 1.5/0.3 mL Vial Tray	3	£ [REDACTED]
1.23	043700 ASSY,RCTN COIL,375UL,UNPOT Knitted Reaction Coil, 375 µL, Unpotted	1	£ [REDACTED]
1.11	063097 IonPac AS7, Analytical Column, 2x250mm The Dionex IonPac AS7 column is a high-capacity, high-efficiency, hydrophobic anion- exchange column designed to separate a wide range of polyvalent anions	1	£ [REDACTED]
1.12	063099 IonPac AG7, Guard Column, 2x50mm The Dionex IonPac AG7 guard column is optimized for use with the Dionex IonPac AS7 column	1	£ [REDACTED]
1.2	701-086201 YEAR 2 AND 3 IC/SP PARTS ONLY WARRANTY Factory warranty for service parts required to perform repairs during years 2 and 3 after the date of instrument installation	2	£ [REDACTED]
5.0	044777 TUBING,.030X.062 PK	2	£ [REDACTED]
7.0	042627 FTG,CPLR,10-32FX10-32F,.02"	3	£ [REDACTED]
2.0	039567 IONPAC NG1-10 UM GUARD COLUMN, 4X35MM The Dionex IonPac NG1 guard column is optimized for use with the Dionex IonPac NS1 column	1	£ [REDACTED]
3.0	049135 PROD,COL,IC,GM-4B,MB MIXER	1	£ [REDACTED]
4.0	042126 PROD,COL,IC,GM-3B,SB MIXER	1	£ [REDACTED]
6.0	P-727 PEEK TEE 10.32 0.02 ID	1	£ [REDACTED]
	Quotation Subtotal		£ [REDACTED]
	Promotions / Discounts		£ [REDACTED]
	Shipping		£ [REDACTED]
	Surcharge		£ [REDACTED]
	Quotation total less discounts		£ [REDACTED]
	Quotation Total without VAT:		£ [REDACTED]

4. LIQUIDATED DAMAGES

N/A

5. PERIOD

The Contract shall commence from 01/12/2023 (the "Commencement Date") and shall run to 28/02/2025. This shall include a twelve (12) month warranty period which shall commence from the agreed installation date.

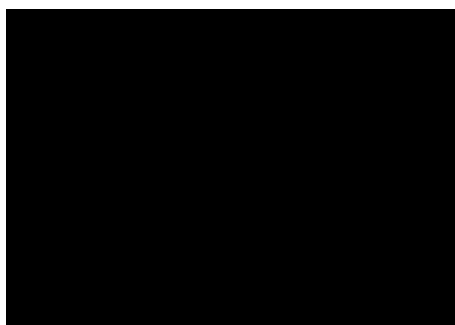
The Authority reserves the right to apply an Optional 3-year extension period for upto £[REDACTED] worth of related equipment on the sole basis that Thermo Fisher Scientific continues to rank as the first available Contractor able to meet the requirement on Lot 5 of this Framework. Thermo Fisher Scientific is currently ranked 3rd on this Lot.

The extension period shall be subject to budget availability, governance approvals, and agreement to Consumer Price Increase ("CPI") controls in line with inflation but no more than a [REDACTED] increase.

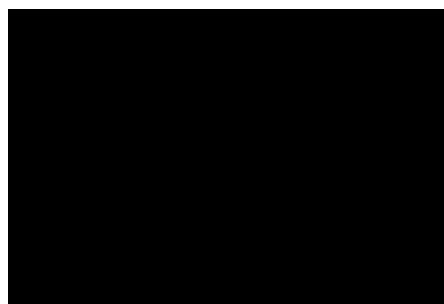
We thank you for your co-operation to date and look forward to forging a successful working relationship resulting in a smooth and successful supply of the Goods. Acceptance of the award of this Contract will be made by electronic signature carried out in accordance with the 1999 EU Directive 99/93 (Community framework for electronic signatures) and the UK Electronic Communications Act 2000. Acceptance of the offer comprised in this Agreement must be made within 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 Authority's electronic contract management system ("Atamis"). No other form of acknowledgement will be accepted.

Please remember to quote the reference number **C22183** in any future communications relating to this Contract.

Contractor Signature:

A large black rectangular box redacting the Contractor's signature.

Authority Signature:

A large black rectangular box redacting the Authority's signature.