Appendix 1

National Microbiology Framework Agreement
Order Form – C216242
Siemens Healthcare Diagnostics Limited

FROM

Authority:	UK Health Security Agency ("the **Authority**")
Invoice address:	Post: UKHSA Accounts Payable Team Manor Farm Road Porton Down Salisbury SP4 0JG United Kingdom E-mail: [redacted]
Contract Manager:	Name: [redacted] Phone: [redacted] E-mail: [redacted]
Secondary Contact: eg. business operational contact, project manager	Name: [redacted] Phone: [redacted] E-mail: [redacted]
Procurement lead	Name: [redacted] Phone: [redacted] E-mail: [redacted]
Name and address for notices:	Name: [redacted] Address: UK Health Security Agency 10 South Colonnade Canary Wharf London E14 4PU
Internal reference (if applicable):	To be quoted on all correspondence relating to this Order Form: Contract Code: C216242

TO

Supplier:	Siemens Healthcare Diagnostics Ltd (the "**Supplier**") Park View Watchmoor Park Camberley Surrey

	United Kingdom GU15 3YL
Contract Manager:	Name: [redacted] Phone: [redacted] E-mail: [redacted]
Secondary Contact:	Name: [redacted] E-mail: [redacted]
Account Manager:	Name: [redacted] Phone: [redacted] E-mail: [redacted]
Name and address for notices:	Siemens Healthcare Diagnostics Ltd. Park View Watchmoor Park Camberley Surrey United Kingdom GU15 3YL

Applicable terms and conditions

The following terms and conditions are applicable to the Contract for this Order:

Appendix A	Call-off Terms and Conditions for the Supply of Goods and the Provision of Services	**Applicable to this Contract**
Appendix B	Optional Additional Call-off Terms and Conditions for Installation and Commissioning Services	☐ **(only applicable if this box is checked)**
Appendix C	Optional Additional Call-off Terms and Conditions for Maintenance Services	☒ **(only applicable if this box is checked)**
Appendix D	Optional Additional Call-off Terms and Conditions for Bespoke Research, Development and Manufacturing Requirements	☐ **(only applicable if this box is checked and to the extent the applicable terms are included in Annex A (Order Specific Key Provisions))**
Appendix E	Optional Additional Call-off Terms and Conditions for Reagent Rental	☐ **(only applicable if this box is checked)**
Appendix F	Optional Additional Call-off Terms and Conditions for Managed Equipment Services	☐ **(only applicable if this box is checked)**

Appendix G	Optional Additional Call-off Terms and Conditions for Clinical Laboratory Diagnostic Testing Services		☐ **(only applicable if this box is checked and to the extent the applicable terms are included in Annex A (Order Specific Key Provisions))**
Appendix H	Further Optional Additional Call-off Terms and Conditions Each of the following clauses in Appendix H is only applicable to this Contract if the relevant box is checked:		**(only applicable if one or more boxes are checked)**
	1. TUPE applies at the commencement of the provision of Services	☐	
	2. TUPE on exit	☐	
	3. Different levels and/or types of insurance	☐	
	4. Induction training for Services	☐	
	5. Further Authority obligations	☐	
	6. Assignment of Intellectual Property Rights in deliverables, materials and outputs of the Services	☐	
	7. Inclusion of a Change Control Process	☐	
	8. Authority step-in rights	☐	
	9. Guarantee	☐	
	10. Termination for convenience	☒	
	11. Pre-Acquisition Questionnaire	☐	
	12. Time of the essence (Goods)	☐	
	13. Time of the essence (Services)	☐	
	14. Specific time periods for inspection	☐	
	15. Specific time periods for rights and remedies under Clause 3.6 of Schedule 2 of Appendix A	☐	
	16. Right to terminate following a specified number of material breaches	☐	
	17. Expert Determination	☒	
	18. Consigned Goods	☐	
	19. Improving visibility of Sub-contract opportunities available to Small and Medium	☐	

	Size Enterprises and Voluntary, Community and Social Enterprises		
	20. Management Charges and Information	☐	
	21. COVID-19 related enhanced business continuity provisions	☐	
	22. Buffer stock requirements	☐	
	23. Modern slavery	☒	
The additional Order Specific Key Provisions set out at Annex A (Order Specific Key Provisions) to this Order Form shall also apply to this Contract.			☒ **(only applicable if this box is checked)**

1. CONTRACT DETAILS

(1.1) Commencement Date:

The date this Order Form is signed by both Parties (the Authority and the Supplier).

(1.2) Services Commencement Date (if applicable):

The date this Order Form is signed by both Parties (the Authority and the Supplier).

(1.3) Contract Price ((i) breakdown and (ii) payment profile):

1.3.1. The value of the Services that can be ordered under this Contract shall be twenty-six thousand, four hundred and thirty-six pounds and sixty-one pence only (£26,436.61) (the "**Contract Price**").

1.3.2. The Contract Price is comprised of the components listed in Table 1 – Contract Price Breakdown, along with their corresponding prices. However, please note that this price does not cover any additional parts or labour that might be required, as their necessity may only become apparent after the repair work has started. At such time, the Authority will uplift the Purchase Order ("**PO**").

1.3.3. For the avoidance of doubt, the Authority is not committed to pay the full Contract Price.

1.3.4. The Contract Price excludes VAT at the applicable rate but is inclusive of all Supplier visits, labour and spare part fees.

1.3.5. Only POs placed directly by the Authority are binding under this Contract.

1.3.6. POs issued by the Authority in respect of this Contract do not form part of this Contract.

1.3.7. Full detail of the Contract Price is contained within Table 1 – Contract Price Breakdown:

Table 1 – Contract Price Breakdown

ESTIMATE				
SERIAL NUMBER - IRL78040709 SYSTEM DESCRIPTION - ASSY CENTAUR XP SYSTEM ENGRPL=10364455				
QTY	PART DESCRIPTION	PART NUMBER	UNIT PRICE	TOTAL PRICE
1	PWR SUPPLY, PDSI UI MODULE	6035289	[redacted]	[redacted]
1	MODULE USER INTERFACE XP 5.2.3.1	10484109		
1	PCASY BACK PLANE PULL OUT CAGE	2907605		
2	ASSY & SCH SEQUENCE CONTROLLER LLC	11221918	[redacted]	[redacted]
2	PCB ASSY LLC STEPPER (SERVICE)	9525767		
1	RT SPARC BOARD SERVICE ASSEMBLY	6447307	[redacted]	[redacted]
1	POWER SUPPLY ASSAY, SPARES	10813520		
1	5 VDC POWER SUPPLY ASSY	5530839	[redacted]	[redacted]

Total parts costs	[redacted]
Total labour costs	
Total travel costs	
Total charges excluding VAT	

(1.4) Term of Contract:

1.4.1 This Contract shall commence on the date this Order Form is signed by both Parties (the "**Commencement Date**").

1.4.2 It shall, unless terminated earlier in accordance with its terms, expire on 31st January 2024, or the date the services have been signed off as complete by both Parties, whichever is sooner (the "**Term**").

1.4.3 The Authority may terminate the Contract for convenience at any time pursuant to Clause 10 (Termination for convenience) of Appendix H (Further Optional Additional Call-off Terms and Conditions) of this Contract provided the Authority gives the Supplier no less than 3 (three) months written notice.

(1.5) Term extension options:

Not applicable.

2. GOODS AND/OR SERVICES REQUIREMENTS

(2.1) Description of the Goods / Services:

2.1.1 The Supplier shall provide servicing and repair to the Authority's instrument stated in Table 1 contained within clause 1.3.6 of this Order Form (the "**Instrument**") at the Premises and Locations listed in Section 2.2.

2.1.2 The Supplier shall provide the services stated in Table 2 - Specification of the Services below (the **"Specification"**) for the Instrument listed in Table 1 of this Order Form (the "**Services**").

Table 2 – Specification of the Services

The Services: Rebuild of the system, then troubleshoot any further issues that arise		
SERIAL NUMBER - IRL78040709 SYSTEM DESCRIPTION - ASSY CENTAUR XP SYSTEM ENGRPL=10364455		
QTY	**PART DESCRIPTION**	**PART NUMBER**
1	PWR SUPPLY, PDSI UI MODULE	6035289
1	MODULE USER INTERFACE XP 5.2.3.1	10484109
1	PCASY BACK PLANE PULL OUT CAGE	2907605
2	ASSY & SCH SEQUENCE CONTROLLER LLC	11221918
2	PCB ASSY LLC STEPPER (SERVICE)	9525767
1	RT SPARC BOARD SERVICE ASSEMBLY	6447307
1	POWER SUPPLY ASSAY, SPARES	10813520
1	5 VDC POWER SUPPLY ASSY	5530839

(2.2) Premises and Location(s) at which the Services are to be provided:

2.2.1 The Supplier shall provide the Services to the site detailed in Appendix 2 – Premises and Location ("**Premises and Location**").

2.2.2 All planned performance of the Services shall be pre-advised by the Supplier to the Authority's delivery contact stated below at least 2 (two) business days prior to the Services being performed on the Instrument:

- [redacted] (the "**Delivery Contact**").

2.2.3. The Supplier shall provide the following information when notifying the Delivery Contact:

a. Supplier name;
b. Authority's purchase order ("**PO**") number.

2.2.4. The Delivery Contact will confirm:

a. Booking reference number;
b. Date and time of Supplier attending the relevant Premises and Location: and
c. Premises and Location address where the Services shall be performed.

2.2.5 The Authority may refuse unscheduled performance of Services. In such event, the Supplier shall rearrange such performance of Services utilising the service delivery process set out in this Clause 2.2.

2.2.6 The Delivery Contact will report any technical issues to:

Email: [redacted]

Phone: [redacted]

(2.3) Key personnel of the Supplier to be involved in the Goods / Services:

Name: [redacted]

Phone: [redacted]

E-mail: [redacted]

(2.4) Performance standards:

2.4.1 The Supplier shall deliver the Services in accordance with Good Industry Practice.

2.4.2 Timely delivery of the Services.

2.4.3 Quality of Services i.e., Services performed in accordance with the Specification as stated in section 2.1 & 2.5.

2.4.4 Proof of the Services having been performed in accordance with Annex A, clause 1.

(2.5) Quality standards:

2.5.1 The Supplier shall repair the equipment to the level of the Supplier's manufactured specifications, as stated in Appendix 1 of this Order Form, as sold by the Supplier to the Authority.

(2.6) Contract monitoring arrangements:

Not Applicable.

(2.7) Management information and meetings:

Not Applicable.

3. CONFIDENTIAL INFORMATION (if applicable)

(3.1) The following information shall be deemed Confidential Information:

a. Supplier pricing.

b. Contact details including, but not limited to, email addresses, landline / mobile phone numbers, etc. of Supplier representatives.

c. Contact details including, but not limited to, email addresses, landline / mobile phone numbers, etc. of Authority's representatives.

(3.2) Duration that the information shall be deemed Confidential Information:

For a period of 3 (three) years after the expiry or earlier termination of this Contract unless otherwise agreed in writing by the Parties.

4. DATA PROCESSING (if applicable)

(4.1) Personal Data to be processed by the Supplier:

Not applicable.

5. LEASE / LICENSE (if applicable)

(5.1) The Authority is granting the following lease or licence to the Supplier:

Not applicable.

For and on behalf of the Authority

DocuSigned by:

[redacted]

Date Signed: 15th November 2023

For and on behalf of the Supplier

DocuSigned by:

[redacted]

Date Signed: 14th November 2023

Annex A

Order Specific Key Provisions

1. Acceptance

1.1. The Supplier shall perform the Services at the Premises and Location set out in Appendix 2 of this Order Form.

1.2. The following criteria for the acceptance of the Services performed by the Supplier by the Authority shall apply **("Acceptance")**:

a. Upon performance of the Services the Supplier shall produce and submit to the Authority a service report for signature by the Authority's authorised representative in accordance with Appendix 3 - Service Report (Sample) **("Service Report").**

1.3. If Services are deemed not to be Accepted by the Authority, the Supplier shall reperform the Services at their own cost.

2. Invoicing Terms

2.1. Payment terms are net 30 (thirty) days from receipt of a valid invoice.

2.2. Following receipt of the Supplier's countersigned copy of the Contract, the Authority will send a unique PO number. The Supplier must be in receipt of a valid PO number before submitting an invoice.

2.3. All invoices presented by the Supplier to the Authority shall be for Services performed by the Supplier and Accepted by the Authority.

2.4. All invoices must be sent for approval and shall include the proof of Acceptance to the Authority's designated finance mailbox e-mail: [redacted] and their agreed representative before being submitted for payment.

2.5. All invoices must be sent quoting a valid PO number. The Supplier shall provide a current statement of accounts on a monthly basis; this is a standard commercial process and should show all invoices raised and amounts outstanding.

2.6. The Supplier shall provide compliant invoices that include, as a minimum, a valid PO number, PO line item number (if applicable), PO line description, and the details (name and

telephone number) of the Authority's authorised representative. Non-compliant invoices will be sent back to the Supplier, which may lead to a delay in a payment.

2.7. In support of the Services provided, the Supplier shall provide to the Authority a Service Report confirming provision of the Services at the Authority's nominated Premises and Location in accordance with clauses 1.2 a) above.

Appendix 1 – Technical Specifications of Advia Centaur XP Immunoassay System

Technical Specifications

ADVIA Centaur XP Immunoassay System

Engineered for continuous operation and timely, accurate results, the high-performance ADVIA Centaur® XP Immunoassay System is always ready to stay ahead of increasing workflow demands. Its extensive onboard reagent capacities and dedicated STAT capabilities increase productivity, regardless of volume or types of tests.

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SIEMENS Healthineers

Technical Specifications

Product specifications	
System description	Random-access immunoassay system with direct chemiluminescence testing methodology using advanced acridinium ester technology
Test throughput	Up to 240 tests per hour in batch or random-access mode
Walkaway time	2.5 hours (at maximum throughput)
Sample handling	
Validated sample types	Serum, plasma, urine (varies by assay)
Sample integrity control	Pressure-based level sensing, short-sample detection and flagging, clot detection and flagging, foamy sample detection, ambient temperature detection and flagging
Auto-repeat	User-defined automatic repeat testing from original sample
Sample dilution	Can be auto-diluted, up to 1:1000 (varies by assay)
Auto-reflex testing	User-defined automatic reflex testing
Sample carryover prevention	Disposable pipette tips eliminate sample carryover
Sample volume per test	10–200 µL of sample (varies by assay)
Sample bar code	Code 39; Codabar; Code 128; Interleaved 2 of 5 (any of the symbologies may be active at one time)
Sample tubes	1 mL, 2 mL sample cups; 3 mL, 5 mL, 7 mL, 10 mL tubes; microtainer tubes
Sample capacity	180 sample continuous loading in universal 5-position sample racks
Pipette tips	ADVIA Centaur type; 840 onboard, automatic tracking and notification
STAT handling	Dedicated STAT position accepts samples any time
Reaction area	
Reaction cuvettes	Onboard capacity of 1000 ADVIA Centaur cuvettes
Assay times	18 minutes; results every 15 seconds thereafter, assay-dependent

Reagent handling	
Assays onboard	30
Primary ancillaries	30-position cooled storage with refrigeration at 4–8°C (39.2–46.4°F)
Reagent ancillaries	25-position cooled storage with refrigeration at 4–8°C (39.2–46.4°F)
Reagent packs	ReadyPack® cartridge
Reagent integrity control	Reagent pack bar-code identification; automatic tracking and notification of inventory, calibration validity, reagent onboard residency, reagent expired/low flags
Reagent inventory management	Automatic tracking and notification of remaining tests, onboard residency, calibration, and reagent expired/low flags
Reagent preparation	None required
Bar code-labeled packs	Yes
Calibration/QC	
Calibration identification	Bar-coded labels containing lot-specific data; human- and system-readable through handheld bar-code scanner
Calibration status	Tracking and notification of calibration status, including advance notice of pending expiration; user-defined processes for response of calibration expiration
QC package	Advanced QC package for long-term monitoring, including L–J plots and Westgard rules
QC levels	0–9 control levels per assay
QC definitions	User-defined
QC result storage	65,000 control, patient, and event results can be stored in the database

Maintenance	
Daily	Automated: 60 minutes; hands-on: 15 minutes
Weekly	Hands-on: 30 minutes
Monthly	Hands-on: 60 minutes
User interface/data management	
Monitor	19-inch diagonal LCD touchscreen
Operating system	MICROSOFT WINDOWS 7
Remote access and service	Smart Remote Services
General specifications	
Power requirements	208–240 V, 50/60 Hz
Water input requirements	Type 1 reagent water guidelines as specified by the Clinical Laboratory and Standards Institute (CLSI); at minimum, water quality should meet CLSI Type II guidelines
Water quality requirements	Bacterial content: >50 ppb total organic compounds Maximum resistivity: 1 megohm/cm
Drain requirements	7.5 L waste bottle (assembly is included)
Dimensions	130.9 (h) x 183.9 (w) x 104.2 (d) cm 51.5 (h) x 72.4 (w) x 41.0 (d) inches (excluding monitor and accessories)
Weight	545 kg (1200 lb) (including monitor and accessories)
Compliance	Complies with international environmental, health, and safety standards, including CE and RoHS
Floor load-bearing requirement	390 kg/m² (80 lb/ft²)
Noise emission	Up to 58.8 dB in ready state, 61.3 dB in operating state
Ambient temperature	18–30°C (64–90°F)
Ambient humidity	20–80% noncondensing
Ventilation	10,000 BTU/hour
Overvoltage classification	Main supply voltage fluctuations must be within ±10% of the nominal voltage
Pollution classification	IEC 1010-1 Pollution Degree 2

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Appendix 2 – Premises and Locations

Site	Address	Postcode	Delivery Contact	Email and Contact Number
Cambridge Addenbrookes	Cambridge Addenbrookes Hospital UKHSA Laboratory Cambridge	CB2 0QW	[redacted]	[redacted]

Appendix 3 – Service Report (Sample)

SIEMENS Healthineers

Service Report

Siemens Healthineers
3rd Floor
Park View
Watchmoor Park
Camberley
GU15 3YL
United Kingdom

[redacted]

Account #	315502
Account Name	Public Health England Addenbrooke's Hospital, Level 6 Cambridge Microbiology Lab
Street	PO Box 236, Hills Road
City	CB2 2QW Cambridge
Country	United Kingdom

Contact	Dumo Mururi	**Contact Email**	[redacted]
Cust. Inventory #	Virology	**Model Configuration**	ADVIA CENTAUR XP
Report #	1-4011562338	**Serviced Component**	ASSY CENTAUR XP SYSTEM ENGLISH E
SR Open Date	17.01.2023 09:42	**Serial #**	IRL90120839
Severity	A-Srvcdown(Emergency)	**PO #**	

Problem Description

Failing the vacuum test. Lots of water in trap.

Activity Type	**Field Repair**	**Arrival Date/Time**	18.01.2023 09:00
Employee Name	[redacted]	**End Date/Time**	18.01.2023 15:00

Quantity	Part #	Manufacturing #	Product
1	10811323	10811323	PUMP BELLOWS
1	11222226	11222226	CENTAUR VACUUM PUMP
1	11223787	11223787	FILTER WATER MALE TO FEMALE
1	2598122	078-K049-02	DEGASSER SVC KIT CENTAUR
6	LB	LB	Labor
2.5	TT	TT	Travel time

Solution

Inspected system and found vacuum pump unable to acheive the required vacuum. Replaced and set up vacuum.
Bellows pump has also failed causing back up and contamination of the water lines therefore re-tubed, replaced bellows pump and ran daily clean.
System completed clean successfully and customer advised to perform monthly clean, re calibrate all assays and run controls.

The instrument was handed over in a proper condition.

Date | FSR Name: [redacted] | Customer Signature

This electronic document is also valid without a signature.

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