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Tender

## HLA Rapid Typing Systems

NHS Blood and Transplant  
Imperial College Healthcare NHS Trust

UK4: Tender notice - Procurement Act 2023 - [view information about notice types](#)

Notice identifier: 2025/S 000-045335

Procurement identifier (OCID): ocds-h6vhtk-051d08 ([view related notices](#))

Published 1 August 2025, 3:48pm

## Scope

### Description

NHS Blood and Transplant (NHSBT) is a Special Health Authority in England, with responsibilities across the United Kingdom for organ donation and transplantation. Our core purpose is to 'save and improve lives' through the provision of a safe and reliable supply of blood components, solid organs, stem cells, tissues and related services to the NHS, and to the other UK Health Services where directed.

Histocompatibility & Immunogenetics (H&I) is a strategic business function of NHSBT, that provides a portfolio of testing, advice and support in transplantation, platelet refractoriness and transfusion reactions.

Services are supplied through a national network of six laboratories across England. We would like to work with future suppliers of choice to perform HLA rapid typing system in an efficient, timely and cost-effective manner to meet the demands and expectations of our customers and the patients we serve.

We require HLA rapid typing system(s) to cover the following:

- The solution must detect, as a minimum, all alleles of the HLA-A, B, C, DRB1, DRB3/4/5, DQA1, DQB1, DPA1 and DPB1 loci as defined in:

- o Minimum typing requirements for reporting donor and recipient HLA types.
- o HLA Conversion Chart for Organ Allocation.
- The solution must comprise of the essential kits and associated consumables to obtain a result and positive identification of samples throughout the process.

From test material addition to the availability of an interpreted results the turnaround time should be less than three hours.

In addition, we are also interested in technology that can:

- Provide 2nd field HLA type at the above loci
- In under 6 hours

Lot 1: Provision of testing kits, consumables, and analysis software

Lot 2: Provision of equipment and equipment consumables

Lot 3: Provision of equipment maintenance

Lot 4: Development

## **Commercial tool**

Establishes a framework

## **Total value (estimated)**

- £2,100,000 excluding VAT
- £2,500,000 including VAT

Above the relevant threshold

## **Contract dates (estimated)**

- 1 March 2026 to 28 February 2034
- 8 years

## **Main procurement category**

Goods

## **CPV classifications**

- 33100000 - Medical equipments

## **Lot constraints**

Description of how multiple lots may be awarded:

Weighting for Lot 1 :

Quality / Technical (mandatory) Requirement - Pass/Fail

Quality scored requirements -30%

Social Value Requirement -10%

Commercial Requirement-60%

Weighting for Lot 2 & 3

Quality / Technical (mandatory) Requirement and Quality scored requirements - Pass/Fail

Social Value Requirement -10%

Commercial Requirement-90%

Weighting for Lot 4

Quality / Technical (mandatory) Requirement and Quality scored requirements - Pass/Fail

Social Value Requirement and Commercial Requirement - N/A

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## **Lot Lot 1 (was 1). Provision of testing kits, consumables, and analysis software**

### **Description**

Lot 1: Provision of testing kits, consumables, and analysis software (direct award to two suppliers)

### **Lot value (estimated)**

- £1,458,000 excluding VAT
- £1,749,600 including VAT

Framework lot values may be shared with other lots

### **Same for all lots**

CPV classifications and contract dates are shown in the Scope section, because they are the same for all lots.

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## **Lot Lot 2. Provision of equipment and equipment consumables**

## Description

Lot 2: Provision of equipment and equipment consumables (a place on the framework to two suppliers, mini-comp to award to one supplier)

## Lot value (estimated)

- £280,000 excluding VAT
- £336,000 including VAT

Framework lot values may be shared with other lots

## Same for all lots

CPV classifications and contract dates are shown in the Scope section, because they are the same for all lots.

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## Lot Lot 3. Provision of equipment maintenance

## Description

Lot 3: Provision of equipment maintenance (a place on the framework to two suppliers, mini-comp to award to one supplier)

## Lot value (estimated)

- £320,000 excluding VAT
- £384,000 including VAT

Framework lot values may be shared with other lots

## **Same for all lots**

CPV classifications and contract dates are shown in the Scope section, because they are the same for all lots.

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## **Lot Lot 4. Development**

### **Description**

Lot 4: Development (to award Framework to all Suppliers who meet specification, subsequent call-off shall be through a mini- competition, if required).

### **Lot value (estimated)**

- £0 excluding VAT
- £0 including VAT

Framework lot values may be shared with other lots

## **Same for all lots**

CPV classifications and contract dates are shown in the Scope section, because they are the same for all lots.

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## **Framework**

### **Maximum number of suppliers**

6

### **Maximum percentage fee charged to suppliers**

0%

### **Justification for framework term over 4 years**

capital investment

### **Framework operation description**

Lot 1, via mini competition or direct award. The intention is for Authority to issue two direct award contracts to the Suppliers who rank 1 and 2, each supplier will be given approx. 50% of the business each as the exact volumes will not be guaranteed.

Lot 2, via direct award or mini competition, the intention is for the Authority to run a mini competition with one of the criteria being based on the outcome of Lot 1, the kits must be compatible with this equipment, then the most advantageous bid will win the call off contract after the award for lot 1 has been completed.

Lot 3, via direct award or mini competition, the intention is for the Authority to run a mini competition with one of the criteria being based on the outcome of Lot 2, the maintenance s must be compatible with the equipment from Lot 2, then the most advantageous bid will win the call off contract after the award for lot 2 has been completed.

Lot 4: Mini-Competition option only (all Framework Suppliers who are on the framework)

### **Award method when using the framework**

With competition

### **Contracting authorities that may use the framework**

NHS Blood and Transplant, Welsh Blood Service, Scottish National Blood Transfusion Service and the NHS North West London Pathology (NHS Hammersmith).?

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## Participation

### Particular suitability

**Lot Lot 1 (was 1). Provision of testing kits, consumables, and analysis software**

**Lot Lot 2. Provision of equipment and equipment consumables**

**Lot Lot 3. Provision of equipment maintenance**

**Lot Lot 4. Development**

- Small and medium-sized enterprises (SME)
- Voluntary, community and social enterprises (VCSE)

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## Submission

### Enquiry deadline

15 August 2025, 5:00pm

### Submission type

Tenders

### Tender submission deadline



29 August 2025, 5:00pm

### **Submission address and any special instructions**

<https://atamis-1928.my.site.com/s/Welcome>

### **Tenders may be submitted electronically**

Yes

### **Languages that may be used for submission**

English

### **Award decision date (estimated)**

1 January 2026

### **Recurring procurement**

Publication date of next tender notice (estimated): 1 January 2026

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### **Award criteria**

#### **Lot Lot 1 (was 1). Provision of testing kits, consumables, and analysis software**

<b>Name</b>	<b>Type</b>	<b>Weighting</b>
Cost	Cost	60.00%
Quality	Quality	40.00%

**Lot Lot 2. Provision of equipment and equipment consumables**

<b>Name</b>	<b>Type</b>	<b>Weighting</b>
cost	Cost	90.00%
Quality	Quality	10.00%

**Lot Lot 3. Provision of equipment maintenance**

<b>Name</b>	<b>Type</b>	<b>Weighting</b>
Cost	Cost	90.00%
Quality	Quality	10.00%

**Lot Lot 4. Development**

<b>Name</b>	<b>Type</b>
Quality	Quality

**Weighting description**

this shall be Pass/Fail requirement

**Other information****Payment terms**

30 days payment terms

**Conflicts assessment prepared/revised**

Yes

## Procedure

### Procedure type

Competitive flexible procedure

### Competitive flexible procedure description

Stage 1 - Compliance with Specification

Stage 2 - Evaluation

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## Contracting authorities

### NHS Blood and Transplant

- Public Procurement Organisation Number: PDBY-6395-VWBP

500 North Bristol Park

Bristol

BS34 7QH

United Kingdom

Contact name: [purchasing@nhsbt.nhs.uk](mailto:purchasing@nhsbt.nhs.uk)

Email: [purchasing@nhsbt.nhs.uk](mailto:purchasing@nhsbt.nhs.uk)

Website: <https://www.nhsbt.nhs.uk/>

Region: UKK12 - Bath and North East Somerset, North Somerset and South Gloucestershire

Organisation type: Public authority - central government

## **Imperial College Healthcare NHS Trust**

- Public Procurement Organisation Number: PYMN-2374-JNRY

St Mary's Hospital, Praed Street

London

W2 1NY

United Kingdom

Contact name: Nigel Weatherhead

Email: [david.lewis37@nhs.net](mailto:david.lewis37@nhs.net)

Website: <https://www.imperial.nhs.uk>

Region: UKI32 - Westminster

Organisation type: Public authority - central government

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## **Contact organisation**

Contact [NHS Blood and Transplant](#) for any enquiries.