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Planning

## **Supply & Maintenance of Liquid Nitrogen / Cryogenic Storage Vessels**

NHS Blood and Transplant

F01: Prior information notice

Prior information only

Notice identifier: 2025/S 000-001696

Procurement identifier (OCID): ocds-h6vhtk-04d434

Published 17 January 2025, 12:56pm

### **Section I: Contracting authority**

#### **I.1) Name and addresses**

NHS Blood and Transplant

500 North Bristol Park

Bristol

BS34 7QH

#### **Contact**

Jo Murphy

#### **Email**

[jo.murphy@nhsbt.nhs.uk](mailto:jo.murphy@nhsbt.nhs.uk)

#### **Telephone**

+44 1179212718

**Country**

United Kingdom

**Region code**

UKK11 - Bristol, City of

**Internet address(es)**

Main address

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

Buyer's address

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

**I.3) Communication**

Additional information can be obtained from the above-mentioned address

Electronic communication requires the use of tools and devices that are not generally available. Unrestricted and full direct access to these tools and devices is possible, free of charge, at

<https://health-family.force.com/s/Welcome>

**I.4) Type of the contracting authority**

Body governed by public law

**I.5) Main activity**

Health

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## Section II: Object

### II.1) Scope of the procurement

#### II.1.1) Title

Supply & Maintenance of Liquid Nitrogen / Cryogenic Storage Vessels

#### II.1.2) Main CPV code

- 24111800 - Liquid nitrogen

#### II.1.3) Type of contract

Supplies

#### II.1.4) Short 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.

NHSBT is required to store human tissue and cells for human application, research and IVD products in vapour phase liquid nitrogen vessels.

NHSBT is looking to award contract agreement for:

- I. provision of vapour phase liquid nitrogen storage vessels
- II. maintenance of existing and new liquid nitrogen storage vessels (including maintenance of super insulated vacuum lines (SIVL))

High level specifications

Vapour phase liquid nitrogen vessels

- Interface with an automated liquid nitrogen supply
- Maintain inventory below -160°C
- Minimise risk of transient warming events (>-160°C) during storage and retrieval of products
- Operate within a standard laboratory environment
- Have temperature controls with visible and audible alarms
- Comply with CE/UKCA mark regulations.
- Range of sizes and options available for the following inventory:
  - o bags ranging from 25 - 750ml

- o tissue allografts of various sizes
- o sample tubes ranging from 1ml - 10ml

Maintenance of existing & new liquid nitrogen storage vessels

- Provide arrangements for the technical support, planned preventative maintenance schedules and availability of spare parts for liquid nitrogen storage vessels and associated SIVL
- Breakdown cover to include:
  - o Guaranteed call out response times
  - o Guaranteed maximum down times
  - o Spares available for critical parts
  - o Telephone help desk support available

To find out more about this opportunity, or to express an interest, please contact [jo.murphy@nhsbt.nhs.uk](mailto:jo.murphy@nhsbt.nhs.uk) before Wednesday 5th February 2025.

#### **II.1.5) Estimated total value**

Value excluding VAT: £1,500,000

#### **II.1.6) Information about lots**

This contract is divided into lots: Yes

### **II.2) Description**

#### **II.2.1) Title**

Maintenance of existing and new liquid nitrogen storage vessels

Lot No

2

#### **II.2.2) Additional CPV code(s)**

- 24111800 - Liquid nitrogen

#### **II.2.3) Place of performance**

NUTS codes

- UK - United Kingdom

#### **II.2.4) Description of the procurement**

NHSBT is required to store human tissue and cells for human application, research and IVD products in vapour phase liquid nitrogen vessels.

NHSBT is looking to award contract agreement for the maintenance of existing and new liquid nitrogen storage vessels (including maintenance of super insulated vacuum lines (SIVL)).

Key elements of the specification for maintenance of existing & new liquid nitrogen storage vessels are:

- Provide arrangements for the technical support, planned preventative maintenance schedules and availability of spare parts for liquid nitrogen storage vessels and associated SIVL
- Breakdown cover to include:
  - o Guaranteed call out response times
  - o Guaranteed maximum down times
  - o Spares available for critical parts
  - o Telephone help desk support available

## **II.2) Description**

### **II.2.1) Title**

Supply of Liquid Nitrogen Storage Vessels

Lot No

1

### **II.2.2) Additional CPV code(s)**

- 24111800 - Liquid nitrogen

### **II.2.3) Place of performance**

NUTS codes

- UK - United Kingdom

### **II.2.4) Description of the procurement**

NHSBT is required to store human tissue and cells for human application, research and IVD products in vapour phase liquid nitrogen vessels.

NHSBT is looking to award a contract for the provision of vapour phase liquid nitrogen storage vessels.

Key elements of the specification for vapour phase liquid nitrogen vessels are:

- Interface with an automated liquid nitrogen supply
- Maintain inventory below -160°C
- Minimise risk of transient warming events (>-160°C) during storage and retrieval of products
- Operate within a standard laboratory environment
- Have temperature controls with visible and audible alarms
- Comply with CE/UKCA mark regulations.
- Range of sizes and options available for the following inventory:
  - o bags ranging from 25 - 750ml
  - o tissue allografts of various sizes

### **II.3) Estimated date of publication of contract notice**

1 April 2025

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## **Section IV. Procedure**

### **IV.1) Description**

#### **IV.1.8) Information about the Government Procurement Agreement (GPA)**

The procurement is covered by the Government Procurement Agreement: Yes