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Tender

Supply & Maintenance of Liquid Nitrogen Vessels

NHS Blood and Transplant

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

Notice identifier: 2025/S 000-032317

Procurement identifier (OCID): ocds-h6vhtk-05489a ([view related notices](#))

Published 13 June 2025, 2:33pm

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. 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 Further information can be found in the tender documents.

Total value (estimated)

- £6,894,000 excluding VAT
- £8,272,600 including VAT

Above the relevant threshold

Contract dates (estimated)

- 1 September 2025 to 31 July 2030
- Possible extension to 31 July 2032
- 6 years, 11 months

Description of possible extension:

2 x 12 month extension options

Options

The right to additional purchases while the contract is valid.

2 x 12 month extension options

Main procurement category

Goods

CPV classifications

- 24111800 - Liquid nitrogen
 - 63726300 - Vessel storage services
-

Lot 1. Lot 1 - Supply of Replacement Vessels

Description

Supply of Liquid Nitrogen Storage Vessels to replace existing fleet.

Lot value (estimated)

- £1,446,000 excluding VAT
- £1,735,000 including VAT

Same for all lots

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

Lot 2. Lot 2 - Supply of Additional Vessels

Description

Supply of Additional Liquid Nitrogen Storage Vessels to increase capacity of existing fleet.

Lot value (estimated)

- £4,095,000 excluding VAT
- £4,914,000 including VAT

Same for all lots

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

Lot 3. Lot 3 - Maintenance of All Vessels

Description

Repair and Maintenance Services new and existing Liquid Nitrogen Storage Vessels across all NHSBT sites nationally.

Lot value (estimated)

- £1,353,000 excluding VAT
- £1,623,600 including VAT

Same for all lots

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

Participation

Particular suitability

Lot 1. Lot 1 - Supply of Replacement Vessels

Lot 2. Lot 2 - Supply of Additional Vessels

Lot 3. Lot 3 - Maintenance of All Vessels

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

Submission

Enquiry deadline

27 June 2025, 5:00pm

Submission type

Tenders

Tender submission deadline

9 July 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)

11 August 2025

Recurring procurement

Publication date of next tender notice (estimated): 11 August 2025

Award criteria

Name	Type	Weighting
Price	Price	60.00%
Quality - Technical	Quality	30.00%
Social Value	Quality	10.00%

Other information

Payment terms

30 days payment terms

Applicable trade agreements

- Government Procurement Agreement (GPA)

Conflicts assessment prepared/revised

Yes

Procedure

Procedure type

Competitive flexible procedure

Competitive flexible procedure description

Stage 1 - Compliance with Specification Stage 2 - Validation

Contracting authority

NHS Blood and Transplant

- Public Procurement Organisation Number: PDBY-6395-VWBP

500 North Bristol Park

Bristol

BS34 7QH

United Kingdom

Contact name: Jo Murphy

Email: jo.murphy@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