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Award

Supply and Maintenance of Liquid Nitrogen Cryostorage Vessels

NHS Blood and Transplant

UK6: Contract award notice - Procurement Act 2023 - [view information about notice types](#)

Notice identifier: 2025/S 000-072043

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

Published 7 November 2025, 1:31pm

Scope

Description

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

Lot 1. Lot 1 - Supply of Replacement Vessels

Description

Supply of Liquid Nitrogen Storage Vessels to replace existing fleet.

Lot 2. Lot 2 - Supply of Additional Vessels

Description

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

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.

Contract 1. Supply & Maintenance of Liquid Nitrogen Cryogenic Storage Vessels

Lots

Lot 1. Lot 1 - Supply of Replacement Vessels

Lot 2. Lot 2 - Supply of Additional Vessels

Lot 3. Lot 3 - Maintenance of All Vessels

Supplier

- Thames Cryogenics Limited

Contract value

- £3,456,000 excluding VAT
- £4,147,200 including VAT

Above the relevant threshold

Award decision date

6 November 2025

Date assessment summaries were sent to tenderers

7 November 2025

Standstill period

- End: 18 November 2025
- 8 working days

Earliest date the contract will be signed

30 November 2025

Contract dates (estimated)

- 1 December 2025 to 30 November 2030
- Possible extension to 30 November 2032
- 7 years

Description of possible extension:

2 x 12 month extension options

Main procurement category

Goods

CPV classifications

- 24111800 - Liquid nitrogen
- 63726300 - Vessel storage services
- 45213210 - Cold-storage installations

Information about tenders

Lot 1. Lot 1 - Supply of Replacement Vessels

- 5 tenders received
- 3 tenders assessed in the final stage:
 - 2 submitted by small and medium-sized enterprises (SME)
 - 0 submitted by voluntary, community and social enterprises (VCSE)
- 1 supplier awarded contracts
- 2 suppliers unsuccessful (details included for contracts over £5 million)

Lot 2. Lot 2 - Supply of Additional Vessels

- 5 tenders received

- 3 tenders assessed in the final stage:
 - 2 submitted by small and medium-sized enterprises (SME)
 - 0 submitted by voluntary, community and social enterprises (VCSE)
 - 1 supplier awarded contracts
 - 2 suppliers unsuccessful (details included for contracts over £5 million)
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Lot 3. Lot 3 - Maintenance of All Vessels

- 3 tenders received
 - 1 tender assessed in the final stage:
 - 1 submitted by small and medium-sized enterprises (SME)
 - 0 submitted by voluntary, community and social enterprises (VCSE)
 - 1 supplier awarded contracts
 - 0 suppliers unsuccessful (details included for contracts over £5 million)
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Submission

Submission type

Tenders

Procedure

Procedure type

Competitive flexible procedure

Supplier

Thames Cryogenics Limited

- Companies House: 04712793

Gooch Drive

Didcot

OX11 7PR

United Kingdom

Email: sales@thamescryogenics.com

Region: UKJ14 - Oxfordshire

Small or medium-sized enterprise (SME): Yes

Voluntary, community or social enterprise (VCSE): No

Supported employment provider: No

Public service mutual: No

Contract 1. Supply & Maintenance of Liquid Nitrogen Cryogenic Storage Vessels

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

Telephone: 01179212718

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