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Planning

Heart Lung Machines Replacement

Sheffield Teaching Hospitals NHS Foundation Trust

UK2: Preliminary market engagement notice - Procurement Act 2023 - [view information about notice types](#)

Notice identifier: 2025/S 000-045521

Procurement identifier (OCID): ocds-h6vhtk-056c07

Published 4 August 2025, 10:26am

Scope

Reference

W194973

Description

Sheffield Teaching Hospitals NHSFT is issuing this Prior Information Notice to inform the market of a potential upcoming procurement for 4 heart-lung machines to provide cardiopulmonary bypass for cardiac surgery. The Trust is looking to clinically evaluate suitable modern and configurable heart lung machines available in the UK market in the coming months.

Key requirements include:

? Modern, fully configurable cardiopulmonary bypass machine, compatible with widely available extracorporeal circuits and components from UK suppliers.

? Includes centrifugal arterial pump and at least five (5) roller pumps for suction, venting and cardioplegia delivery.

? Can accommodate at least three (3) ultrasonic flow probes and four (4) pressure monitoring channels.

? Includes essential safety features including pressure interventions, temperature probes, bubble detectors and reservoir level sensors.

? Includes an electronic gas blender with gas flows from 0.25-10L/min.

? Fully compliant with all applicable regulations (CE / UKCA marked, compliant with MHRA guidelines, ISO 13485 certification and must meet IEC 60601).

? Equipment must be supplied with full training and ongoing customer support & service / maintenance contract.

? Equipment must fully integrate with hospital systems, with on-site installation and mentoring provided.

Contract dates (estimated)

- 1 January 2026 to 1 January 2027
- 1 year, 1 day

Main procurement category

Goods

CPV classifications

- 33182300 - Cardiac surgery devices

Engagement

Engagement deadline

11 August 2025

Engagement process description

Wanting to gain an understand of suppliers that can meet our high level requirement.

Submission

Publication date of tender notice (estimated)

1 September 2025

Contracting authority

Sheffield Teaching Hospitals NHS Foundation Trust

- Public Procurement Organisation Number: PYZV-3517-VQCJ

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Contact name: Liam Batty

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Region: UKE32 - Sheffield

Organisation type: Public authority - central government