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Planning

Environmental Monitoring Systems

NHS Blood and Transplant

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

Notice identifier: 2025/S 000-062058

Procurement identifier (OCID): ocds-h6vhtk-051f1e ([view related notices](#))

Published 3 October 2025, 11:21am

Scope

Description

NHSBT are looking to award a Framework Agreement for the Upgrades, Maintenance and Calibration for Environmental Monitoring Systems (EMS) within NHSBT. We will award 2 x Lots to this Framework Agreement as follows:

Lot 1: Maintenance and calibration of a existing Environmental Monitoring Systems

Lot 2: Purchase of New and Upgrades to existing Environmental Monitoring Systems

Temperature and environmental monitoring system(s) used within NHSBT are extensively used for monitoring, recording and reporting temperature conditions within laboratory equipment between the ranges -200°C to +200°C and within an accuracy of +/- 0.20°C. This would include but is not restricted to monitoring of fridges, freezers, incubators and liquid gas dewars. Systems must also provide a capability for monitoring other business critical parameters including but not limited to door alarms, motion sensors, particle counting, air quality including gas levels, pressure differentials and certain items of plant machinery. EMS systems deployed within NHSBT can have over 1000 individual points of monitoring. Any future system must have this monitoring capacity and have the capability to be further expanded where required.

At this stage, it is envisaged that an Open procedure will be undertaken as NHSBT's requirements can be clearly articulated.

It is NHSBT's intention to engage with the market to gather detailed information about the marketplace's capabilities. The format for this will be communicated to those that respond to this Notice. Supplier engagement sessions will be held in November 2025. If you are interested in this requirement, please email jo.murphy@nhsbt.nhs.uk.

Commercial tool

Establishes a framework

Total value (estimated)

- £8,000,000 excluding VAT
- £9,600,000 including VAT

Above the relevant threshold

Contract dates (estimated)

- 1 October 2026 to 30 September 2030
- 4 years

Main procurement category

Services

CPV classifications

- 90711500 - Environmental monitoring other than for construction

Engagement

Engagement deadline

24 October 2025

Engagement process description

Supplier Engagement Sessions will be held in November 2025. The format of these sessions will be shared at a later date.

Participation

Particular suitability

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

Submission

Publication date of tender notice (estimated)

1 February 2026

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