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Planning

Fully Automated Coagulation Analyser

Velindre University NHS Trust

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

Notice identifier: 2025/S 000-055922

Procurement identifier (OCID): ocds-h6vhtk-0598d5 ([view related notices](#))

Published 11 September 2025, 4:05pm

Scope

Description

The Welsh Blood Service is looking to go out to competitive tender for the supply, installation, and maintenance of a fully automated coagulation analyser.

The system should be a compact, yet powerful coagulation analyser designed for low- to medium-volume laboratories. The system should offer fully automated testing for both routine and specialty assays, streamlining workflows with minimal operator intervention. With a throughput of up to 110 tests per hour, it should support continuous operation—allowing samples and reagents to be loaded at any time without interrupting the testing process. The system should accommodate at least 20 onboard samples and associated cooled reagents, ensuring optimal stability for sensitive assays. Its interface should be intuitive and accommodate, barcoded reagent management, and automatic quality control execution make it user-friendly and efficient for busy lab environments. The system must demonstrate proven usage in ISO15189 laboratories, with EQAS performance included as part of the assurance framework.

Functionally, the system should enable comprehensive insights into coagulation parameters, including clotting factors and fibrinogen levels. And should support a broad test menu using validated reagents, enabling disease-state management for conditions such as thrombophilia and von Willebrand disease. Advanced features like rerun and

reflex testing, factor assay parallelism, and clot signature curve analysis (or pre-calibrated curves) enhance diagnostic accuracy and confidence. Whether monitoring anticoagulant therapy or diagnosing bleeding disorders, the system must provide reliable, high-quality results that contribute to better patient care.

Technically, the system must support data creation storage and back-up that is compliant with current regulation including ALCOA++ and GDPR. The operating system that supports the application software must be currently supported to enable maintenance using security patches. System security should enable role-based access controls tailored to individual responsibilities, with at least four access levels, Operator, Operation and Validation, Configuration and Engineer.

Interested parties are invited to email nwssp.procurementcataloguepathology@wales.nhs.uk to register their interest for this opportunity by Tuesday 23rd September 2025.

N.B.1. No estimated costs for the requirement are available at this stage.

Total value (estimated)

- £1 excluding VAT
- £1 including VAT

Above the relevant threshold

Contract dates (estimated)

- 1 April 2026 to 31 March 2032
- 6 years

Main procurement category

Goods

CPV classifications

- 33000000 - Medical equipments, pharmaceuticals and personal care products
- 38434570 - Haematology analysers

Contract locations

- UKL - Wales

Engagement

Engagement deadline

23 September 2025

Engagement process description

The purpose of the PME is to engage in pre-tender market engagement with interested Bidders.

Participation

Particular suitability

Small and medium-sized enterprises (SME)

Submission

Publication date of tender notice (estimated)

9 February 2026

Contracting authority

Velindre University NHS Trust

- Public Procurement Organisation Number: PXWV-6492-CGMN

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Region: UKL15 - Central Valleys

Organisation type: Public authority - central government

Devolved regulations that apply: Wales