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Planning

Video Vector System - Standalone

Sheffield Children's NHS Foundation Trust

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

Notice identifier: 2025/S 000-062275

Procurement identifier (OCID): ocids-h6vhtk-05a834

Published 3 October 2025, 3:58pm

Scope

Reference

C392935 - W205412

Description

Sheffield Children's Hospital NHSFT is issuing this Pre Market Engagement notice to understand the capability of suppliers in delivering the requirement of the upcoming procurement for a standalone Video Vector system for the Movement Analysis Laboratory, which is relocating to the newly constructed National Centre for Child Health Technology (NCCHT) in 2026. The Trust is looking to clinically evaluate suitable standalone Video Vector Systems available in the UK market in the coming months.

Contract dates (estimated)

- 16 March 2026 to 16 March 2027

- 1 year, 1 day

Main procurement category

Goods

CPV classifications

- 38300000 - Measuring instruments

Contract locations

- UKE32 - Sheffield

Engagement

Engagement deadline

17 October 2025

Engagement process description

Sheffield Children's Hospital NHSFT is issuing this Pre Market Engagement notice to understand the capability of suppliers in delivering the requirement of the upcoming procurement for a standalone Video Vector system for the Movement Analysis Laboratory, which is relocating to the newly constructed National Centre for Child Health Technology (NCCHT) in 2026. The Trust is looking to clinically evaluate suitable standalone Video Vector Systems available in the UK market in the coming months.

Key requirements include:

1. This system will be housed independently from the main 3D movement analysis laboratory, enabling parallel clinical operations. The Video Vector system must support a range of clinical applications in children and adults with gait pathology, including:

- Observational gait analysis
- Orthotic tuning
- Gait rehabilitation
- Postural and balance assessment

2. To support these clinical applications, the following features must be provided:

- UKCA or CE-marked force platforms, synchronised with coronal and sagittal HD video cameras, suitable for high-quality video vector capture in paediatric and adult populations with gait pathology.
- All necessary hardware and software for live and post-capture analysis of ground reaction force (GRF) alignment, including tools for 2D off-screen measurement of distances and angles.
- Clinically appropriate housing, minimising user risk, including trip hazard reduction and parallel bar compatibility.
- Methods for verifying synchronisation and data accuracy, must be compliant with CMAS (Clinical Movement Analysis Society of UK & Ireland) standards.

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

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

Please read the requirement and submit your response by e-mail. E-mail address: kathrynbeverley@nhs.net.

Participation

Particular suitability

Small and medium-sized enterprises (SME)

Submission

Publication date of tender notice (estimated)

10 November 2025

Contracting authority

Sheffield Children's NHS Foundation Trust

- Public Procurement Organisation Number: PTWR-5281-TMPQ

Western Bank

Sheffield

S10 2TH

United Kingdom

Contact name: Kathryn Beverley

Email: kathrynbeverley@nhs.net

Website: <https://www.sheffieldchildrens.nhs.uk>

Region: UKE32 - Sheffield

Organisation type: Public authority - central government