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Tender

250153 Contract for the supply, delivery, and installation of a high accuracy, high performance, multifunctional, large volume co-ordinate measuring machine for the automated inspection of large volume, high value manufactured components

Queen's University Belfast

UK4: Tender notice - Procurement Act 2023 - [view information about notice types](#)

Notice identifier: 2025/S 000-071881

Procurement identifier (OCID): ocds-h6vhtk-05d942 ([view related notices](#))

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Scope

Reference

250153

Description

Queen's University of Belfast want to procure a high accuracy, high performance, multifunctional, large volume co-ordinate measurement machine for the automated inspection of large volume, high value, manufactured components for local aerospace, civil, maritime and green technology industries.

The co-ordinate measuring machine will be used as an all-purpose flexible CMM for the

dimensional inspection of large components for general industry. Typical products expected to be inspected are tooling and fixturing, machined parts, composite structures and assemblies for the aerospace industry. It will need to have the capability of accessing deep features as well as scanning and measuring complex free form shapes.

The machine will need to provide flexibility, high throughput, high accuracy, as well as high reliability with minimal maintenance.

The machine will be installed in a dedicated climate-controlled metrology laboratory, but we require the machine to be equipped with temperature compensation system and protection from airborne contaminants.

The machine will need to be equipped initially with an automatic indexing probe head and with tactile probing and tactile scanning capabilities. The machine connectivity, controls and software will need to be able to support the addition of other sensors in the future, such as laser scanners, non-contact sensors, optical sensors or surface roughness probes. It will need to have the ability to support the provision of automatic interchange of multiple sensors and styli.

The machine will be utilised primarily for research purposes, resulting in lower hours run compared to a manufacturing environment.

Total value (estimated)

- £562,500 excluding VAT
- £675,000 including VAT

Above the relevant threshold

Contract dates (estimated)

- 9 February 2026 to 9 February 2027
- Possible extension to 9 February 2037
- 11 years, 1 day

Description of possible extension:

Extend maintenance beyond this period for a further period of up to 10 years or the useful life of the equipment.

Main procurement category

Goods

CPV classifications

- 38300000 - Measuring instruments
- 38340000 - Instruments for measuring quantities

Submission

Enquiry deadline

27 November 2025, 4:00pm

Tender submission deadline

2 December 2025, 4:00pm

Submission address and any special instructions

<https://in-tendhost.co.uk/queensuniversitybelfast.aspx/Home>

Tenders may be submitted electronically

Yes

Languages that may be used for submission

English

Award decision date (estimated)

2 February 2026

Award criteria

Name	Description	Type
Simple description	Full details of the award criteria and weightings are contained within the tender response pack. Mandatory Technical Requirements, Desirable Technical Requirements, Support Services, Sustainable Procurement, Extended Warranty & Price	Price

Weighting description

Full details of the award criteria and weightings are contained within the tender response pack. Mandatory Technical Requirements, Desirable Technical Requirements, Support Services, Sustainable Procurement, Extended Warranty & Price

Other information

Conflicts assessment prepared/revised

Yes

Procedure

Procedure type

Open procedure

Documents

Associated tender documents

<https://in-tendhost.co.uk/queensuniversitybelfast.aspx/Home>

Contracting authority

Queen's University Belfast

- Charity Commission for Northern Ireland: 101788

University Rd

Belfast

BT7 1NN

United Kingdom

Email: procurement@qub.ac.uk

Region: UKN06 - Belfast

Organisation type: Public authority - sub-central government

Devolved regulations that apply: Northern Ireland