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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 000-077143

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

Published 26 November 2025, 11:07am

## Changes to notice

This notice has been edited. The <u>previous version</u> is still available.

Please be advised there has been a change to MR5 of the specification for this equipment and as such, amendments have been made to the Contract Specification Annex A and the Technical Specification Compliance Matrix documents. Updated versions on these documents have been uploaded to the InTend portal <a href="https://intendhost.co.uk/queensuniversitybelfast">https://intendhost.co.uk/queensuniversitybelfast</a>.

## 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

### **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	Туре	
Simple description	Full details of the award criteria Price		
	and weightings are contained		
	within the tender response		
	pack. Mandatory Technical		
	Requirements, Desirable		
	Technical Requirements,		
	Support Services, Sustainable		
	Procurement, Extende	ed	
	Warranty & 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