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Tender

## **QUB/2740/25 a Thermogravimetric Analysis – Mass Spectrometry (TGA-MS) system**

Queen's University Belfast

F02: Contract notice

Notice identifier: 2025/S 000-005055

Procurement identifier (OCID): ocds-h6vhtk-04defe

Published 14 February 2025, 9:25am

### **Section I: Contracting authority**

#### **I.1) Name and addresses**

Queen's University Belfast

Procurement Office, University Road

Belfast

BT7 1NN

#### **Email**

[gerard.fegan@qub.ac.uk](mailto:gerard.fegan@qub.ac.uk)

#### **Telephone**

+44 2890971436

#### **Country**

United Kingdom

#### **NUTS code**

UKN06 - Belfast

**Internet address(es)**

Main address

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

Buyer's address

<https://www.qub.ac.uk/directorates/FinanceDirectorate/visitors/procurement/>

**I.3) Communication**

The procurement documents are available for unrestricted and full direct access, free of charge, at

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

Additional information can be obtained from the above-mentioned address

Tenders or requests to participate must be submitted to the above-mentioned address

**I.4) Type of the contracting authority**

Body governed by public law

**I.5) Main activity**

Education

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## **Section II: Object**

### **II.1) Scope of the procurement**

#### **II.1.1) Title**

QUB/2740/25 a Thermogravimetric Analysis – Mass Spectrometry (TGA-MS) system

Reference number

QUB/2740/25

#### **II.1.2) Main CPV code**

- 38433100 - Mass spectrometer

#### **II.1.3) Type of contract**

Supplies

#### **II.1.4) Short description**

Queen's University of Belfast wishes to procure a Turnkey solution for a high-resolution/precision hyphenated TGA-MS system that can analyse the mass and evolved gas product changes associated with thermal decomposition of organic and inorganic samples in radiocarbon dating research and application. The proposed equipment will be used for cutting-edge research into the development of improved methodologies for the reliable and accurate dating of precious (material-limited) archaeological artefacts from museum collections. In particular, it will focus on the investigation, identification and removal of consolidant contamination sources under different heating regimes whilst run in parallel with an in-house ramped pyrolysis/pyrooxidation/combustion (RP/RC) setup for separation/graphitization and dating of CO<sub>2</sub> fractions. Critical to these experiments, where setups are run in parallel, is the need for the TGA-MS system to provide live overlapped presentation of the TGA AND MS data (i.e.

#### **II.1.6) Information about lots**

This contract is divided into lots: No

### **II.2) Description**

#### **II.2.3) Place of performance**

NUTS codes

- UKN06 - Belfast

#### **II.2.4) Description of the procurement**

Queen's University of Belfast wishes to procure a Turnkey solution for a high-resolution/precision hyphenated TGA-MS system that can analyse the mass and evolved gas product changes associated with thermal decomposition of organic and inorganic samples in radiocarbon dating research and application.

#### **II.2.5) Award criteria**

Price is not the only award criterion and all criteria are stated only in the procurement documents

#### **II.2.7) Duration of the contract, framework agreement or dynamic purchasing system**

Duration in months

12

This contract is subject to renewal

Yes

Description of renewals

12 months warranty, maintenance, and the purchase of any associated consumable or ancillary items included with options to extend for a further 48 months or until the end of useable life of the equipment.

#### **II.2.10) Information about variants**

Variants will be accepted: No

#### **II.2.11) Information about options**

Options: No

#### **II.2.13) Information about European Union Funds**

The procurement is related to a project and/or programme financed by European Union funds: No

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## **Section IV. Procedure**

### **IV.1) Description**

#### **IV.1.1) Type of procedure**

Open procedure

#### **IV.1.8) Information about the Government Procurement Agreement (GPA)**

The procurement is covered by the Government Procurement Agreement: Yes

### **IV.2) Administrative information**

#### **IV.2.2) Time limit for receipt of tenders or requests to participate**

Date

17 March 2025

Local time

4:00pm

#### **IV.2.4) Languages in which tenders or requests to participate may be submitted**

English

#### **IV.2.7) Conditions for opening of tenders**

Date

17 March 2025

Local time

4:01pm

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## **Section VI. Complementary information**

### **VI.1) Information about recurrence**

This is a recurrent procurement: No

### **VI.4) Procedures for review**

#### **VI.4.1) Review body**

Queen's University Belfast

Belfast

Country

United Kingdom