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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

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

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 CO₂ 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

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

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