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Tender

Supply, Installation, Maintenance of Thermal analysis equipment 1 Modulated Heat Flux Differential Scanning Calorimeter 2 Thermogravimetric Analyser 3 Dynamic Mechanical 4 Thermomechanical Analyser

Queen's University Belfast

F02: Contract notice

Notice identifier: 2024/S 000-038042

Procurement identifier (OCID): ocds-h6vhtk-04be82

Published 25 November 2024, 3:30pm

Section I: Contracting authority

I.1) Name and addresses

Queen's University Belfast

University Road

Belfast

BT71NN

Email

c.hollywood@qub.ac.uk

Country

United Kingdom

NUTS code

UKN06 - Belfast

Internet address(es)

Main address

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

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

Supply, Installation, Maintenance of Thermal analysis equipment 1 Modulated Heat Flux Differential Scanning Calorimeter 2 Thermogravimetric Analyser 3 Dynamic Mechanical 4 Thermomechanical Analyser

Reference number

QUB2674/24

II.1.2) Main CPV code

- 38000000 - Laboratory, optical and precision equipments (excl. glasses)

II.1.3) Type of contract

Supplies

II.1.4) Short description

Queen's University Belfast require a Contract for the Supply, Delivery, Installation and ongoing Maintenance of a Thermal analysis suite of equipment and consumables to include: • A Modulated Heat Flux Differential Scanning Calorimeter. • A Thermogravimetric Analyser. • A Dynamic Mechanical Analyser. • A Thermomechanical Analyser.

II.1.6) Information about lots

This contract is divided into lots: No

II.2) Description

II.2.2) Additional CPV code(s)

- 38000000 - Laboratory, optical and precision equipments (excl. glasses)
- 38400000 - Instruments for checking physical characteristics
- 38540000 - Machines and apparatus for testing and measuring

II.2.3) Place of performance

NUTS codes

- UKN06 - Belfast

II.2.4) Description of the procurement

Queen's University Belfast require a Contract for the Supply, Delivery, Installation and ongoing Maintenance of a Thermal analysis suite of equipment and consumables to include:

- A Modulated Heat Flux Differential Scanning Calorimeter to measure thermal events such as the glass transition, melting, crystallization, specific heat capacity, cure reactions, onset of oxidation, and heats of transitions (enthalpy) of polymer and composite materials.
- A Thermogravimetric Analyser to measure weight change (loss or gain) and the rate of weight change as a function of temperature, time, and atmosphere of polymer and composite materials.
- A Dynamic Mechanical Analyser to measure viscoelastic properties as a function of temperature, time, and atmosphere of polymer and composite materials to include but not limited to the following outputs: storage/loss/relaxation moduli, tan delta, complex/dynamic viscosity of polymer and composite materials, and.
- A Thermomechanical Analyser to measure material dimensional changes as a function of force, atmosphere, time and temperature of polymer and composite materials. To include but not limited to the following outputs: coefficient of linear thermal expansion, shrinkage, mechanical softening, glass transition temperature and heat deflection temperature of polymer and composite materials.

Queen's require all four pieces within the equipment suite supplied to have the same original equipment manufacturer to ensure compatibility and interoperability across the suite.

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

60

This contract is subject to renewal

Yes

Description of renewals

options to extend beyond this period for a further period of up to 10 years or the end of useful life of the equipment.

II.2.10) Information about variants

Variants will be accepted: No

II.2.11) Information about options

Options: Yes

Description of options

options to extend maintenance and consumables beyond this period for a further period of up to 10 years or the end of useful life of the equipment.

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 III. Legal, economic, financial and technical information

III.1) Conditions for participation

III.1.2) Economic and financial standing

Selection criteria as stated in the procurement documents

III.1.3) Technical and professional ability

Selection criteria as stated in the procurement documents

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

6 January 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

6 January 2025

Local time

4:00pm

Place

Queen's University Belfast

Section VI. Complementary information

VI.1) Information about recurrence

This is a recurrent procurement: No

VI.2) Information about electronic workflows

Electronic ordering will be used

Electronic invoicing will be accepted

Electronic payment will be used

VI.4) Procedures for review

VI.4.1) Review body

Queen's University Belfast

Belfast

Country

United Kingdom

VI.4.2) Body responsible for mediation procedures

Queen's University Belfast

Queen's University Belfast, University Road, Belfast, BT71NN

Belfast

BT71NN

Email

procurement@qub.ac.uk

Country

United Kingdom

