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Tender

## **SUPPLY AND INSTALLATION OF A 1.8 to 300 K CRYOSTAT SYSTEM**

UNIVERSITY OF BIRMINGHAM

F02: Contract notice

Notice identifier: 2021/S 000-000216

Procurement identifier (OCID): ocds-h6vhtk-02881e

Published 6 January 2021, 4:13pm

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

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

UNIVERSITY OF BIRMINGHAM

Edgbaston

BIRMINGHAM

B152TT

#### **Contact**

Susanna Ting

#### **Email**

[S.Y.Ting@bham.ac.uk](mailto:S.Y.Ting@bham.ac.uk)

#### **Telephone**

+44 1214145948

#### **Country**

United Kingdom

**NUTS code**

UKG3 - West Midlands

**Internet address(es)**

Main address

<http://www.birmingham.ac.uk>

**I.3) Communication**

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

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

Additional information can be obtained from the above-mentioned address

Tenders or requests to participate must be submitted electronically via

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

**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**

SUPPLY AND INSTALLATION OF A 1.8 to 300 K CRYOSTAT SYSTEM

Reference number

SC8828/21

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

- 38100000 - Navigational and meteorological instruments

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

Supplies

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

The University of Birmingham invites tenders for supply of a variable temperature cryostat system, for carrying out experiments in condensed matter physics. The cryostat should be able to maintain any temperature between 1.8 and 300 K. Extra points will be awarded for guaranteed temperatures below 1.8 K. The cryostat system should contain a superconducting magnet that can apply fields of up to 12 T, of either polarity. There should be a radiation shield between the sample space and the magnet, so that the magnet remains superconducting and able to apply a field of 12 T even when the sample space is held at a temperature of 300 K; this radiation shield is in general the defining feature of a variable temperature system. The tenderer should supply a power supply for this magnet.

### **II.1.5) Estimated total value**

Value excluding VAT: £280,000

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

This contract is divided into lots: No

## **II.2) Description**

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

NUTS codes

- UKG3 - West Midlands

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

The University of Birmingham invites tenders for supply of a variable temperature cryostat system, for carrying out experiments in condensed matter physics. The cryostat should be able to maintain any temperature between 1.8 and 300 K. Extra points will be awarded for guaranteed temperatures below 1.8 K. The cryostat system should contain a

superconducting magnet that can apply fields of up to 12 T, of either polarity. There should be a radiation shield between the sample space and the magnet, so that the magnet remains superconducting and able to apply a field of 12 T even when the sample space is held at a temperature of 300 K; this radiation shield is in general the defining feature of a variable temperature system. The tenderer should supply a power supply for this magnet.

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

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

#### **II.2.6) Estimated value**

Value excluding VAT: £280,000

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

Duration in months

10

This contract is subject to renewal

No

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

Variants will be accepted: No

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

Options: No

#### **II.2.14) Additional information**

This project may be funded by the European Regional Development Fund (ERDF) or;

- European Structural and Investment Fund (ESIF) or;

- Research Councils UK (RCUK), the strategic partnership of the UK's seven Research Councils.

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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

5 February 2021

Local time

1:00pm

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

English

#### **IV.2.6) Minimum time frame during which the tenderer must maintain the tender**

Duration in months: 6 (from the date stated for receipt of tender)

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

Date

8 February 2021

Local time

1:00pm

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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**

University of Birmingham

Edgbaston

B152TT

Country

United Kingdom