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Tender

## **UKRI-4747 Cryogen-Free Bottom-Loading Dilution Refrigerator System**

UK Research & Innovation

F02: Contract notice

Notice identifier: 2025/S 000-006794

Procurement identifier (OCID): ocds-h6vhtk-04e6b9

Published 21 February 2025, 2:05pm

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

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

UK Research & Innovation

UK Research and Innovation, Polaris House, North Star Avenue

Swindon

SN2 1FL

#### **Contact**

STFC procurement

#### **Email**

[stfcprocurement@ukri.org](mailto:stfcprocurement@ukri.org)

#### **Telephone**

+44 7394204018

#### **Country**

United Kingdom

**Region code**

UKK14 - Swindon

**Internet address(es)**

Main address

[www.ukri.org](http://www.ukri.org)

**I.2) Information about joint procurement**

The contract is awarded by a central purchasing body

**I.3) Communication**

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

<https://www.delta-esourcing.com/tenders/UK-UK-Swindon:-Laboratory%2C-optical-and-precision-equipments-%28excl.-glasses%29./MNJA5M4ZFX>

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**

Other activity

Research

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## **Section II: Object**

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

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

UKRI-4747 Cryogen-Free Bottom-Loading Dilution Refrigerator System

Reference number

UKRI-4747

#### **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**

This procurement forms the basis for part of a research programme being undertaken at PPD and funded through a UKRI Future Leaders Fellowship, a prestigious funding opportunity designed to support exceptional researchers and innovators in the UK. Dedicated funds were awarded as part of this grant specifically for this procurement, since there is currently no such system within PPD for this research to take place.

The system delivered through this procurement will be used for dedicated photosensor R&D at ultra-low temperatures (~20 mK) for the QUEST-DMC dark matter experiment, one of many experiments that STFC PPD is involved in.

The system will be housed inside a larger, cryogenic laboratory ("cryolab") currently being established within PPD. The cryolab will provide a dedicated cryogenic facility within PPD for liquid noble R&D in the context of low background rare-event searches, and is applicable to several different experiments that PPD is presently involved with. The cryolab is in the process of being refurbished to specifically satisfy the requirements for this system, therefore there should be no service conditions or environmental factors that should impact the operation or performance of this system.

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

Value excluding VAT: £204,000

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

This contract is divided into lots: No

## **II.2) Description**

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

NUTS codes

- UKJ14 - Oxfordshire

Main site or place of performance

Oxfordshire

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

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### **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: £204,000

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

Duration in months

12

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.2.13) 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

31 March 2025

Local time

2:00pm

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

English

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

Date

31 March 2025

Local time

2:00pm

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## **Section VI. Complementary information**

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

This is a recurrent procurement: No

### **VI.3) Additional information**

The contracting authority considers that this contract may be suitable for economic operators that are small or medium enterprises (SMEs). However, any selection of tenderers will be based solely on the criteria set out for the procurement.

For more information about this opportunity, please visit the Delta eSourcing portal at:

<https://ukri.delta-esourcing.com/tenders/UK-UK-Swindon:-Laboratory%2C-optical-and-precision-equipments-%28excl.-glasses%29./MNJA5M4ZFX>

To respond to this opportunity, please click here:

<https://ukri.delta-esourcing.com/respond/MNJA5M4ZFX>

GO Reference: GO-2025221-PRO-29524387

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

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

UK Research & Innovation

UK Research & Innovation Polaris House, North Star Avenue

Swindon

SN2 1 FL

Country

United Kingdom

Internet address

[www.ukri.org](http://www.ukri.org)