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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

Telephone

+44 7394204018

Country

United Kingdom

Region code

UKK14 - Swindon

Internet address(es)

Main address

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

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

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

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