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Tender

Dilution Fridge

Durham University

F02: Contract notice

Notice identifier: 2025/S 000-001709

Procurement identifier (OCID): ocds-h6vhtk-04d43c

Published 17 January 2025, 2:02pm

Section I: Contracting authority

I.1) Name and addresses

Durham University

South Road

DURHAM

DH13LE

Contact

Adam Harwood

Email

procurement.office@durham.ac.uk

Telephone

+44 1913344553

Country

United Kingdom

Region code

UKC14 - Durham CC

Companies House

RC000650

Internet address(es)

Main address

www.durham.ac.uk

I.3) Communication

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

<https://ehjb.fa.em2.oraclecloud.com/fscmUI/faces/PrcPosRegisterSupplier?prcBuld=300000003996095>

Additional information can be obtained from the above-mentioned address

Tenders or requests to participate must be submitted electronically via

<https://ehjb.fa.em2.oraclecloud.com/fscmUI/faces/PrcPosRegisterSupplier?prcBuld=300000003996095>

Tenders or requests to participate must be submitted to the above-mentioned address

I.4) Type of the contracting authority

Other type

Higher Education

I.5) Main activity

Education

Section II: Object

II.1) Scope of the procurement

II.1.1) Title

Dilution Fridge

Reference number

RFN00076

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

The Superconducting Quantum Detectors Laboratory requires a Dilution Fridge to expand its work in the area of Microwave Kinetic Inductance Detectors (MKIDs).

To view all open tender negotiations including this one, follow this link:

https://ehjb.fa.em2.oraclecloud.com/fscmUI/faces/NegotiationAbstracts?prcBuld=300000003996095&_afrLoop=95342440739222388&_afrWindowMode=0&_afrWindowId=1axe683war&_adf.ctrl-state=rie7esos8_1&_afrFS=16&_afrMT=screen&_afrMFW=1488&_afrMFH=750&_afrMFDW=1536&_afrMFDH=864&_afrMFC=8&_afrMFCI=0&_afrMFM=0&_afrMFR=120&_afrMFG=0&_afrMFS=0&_afrMFO=0

II.1.5) Estimated total value

Value excluding VAT: £333,333.33

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)

II.2.3) Place of performance

NUTS codes

- UKC - North East (England)

II.2.4) Description of the procurement

The Centre for Advanced Instrumentation (CfAI) is a Research Section in the Department of Physics developing novel instrumentation for a range of scientific applications. The Superconducting Quantum Detectors Laboratory develops single photon counting detectors for a range of applications, focussing mainly on astronomy.

The SQDL requires a Dilution Fridge to expand its work in the area of Microwave Kinetic Inductance Detectors (MKIDs). The fridge will house an array of MKIDs sensitive to visible and near-infrared light (0.4-1.8micrometers). Light from a source on an existing optical bench will be coupled to the array through windows on the side and bottom of the cryostat. The MKID array will be connected to a number of microwave feedlines (initially 7 to/from the array, but this could be expanded to 25 in the future). Each feedline will be connected to a cryogenic low-noise amplifier. The amplifier will be bough separately, but there should be mounting for the amplifier and sufficient DC wiring.

The budget for this purchase is £400,000 including VAT (currently 20%). The tender must be in UK pounds.

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: £333,333.33

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

Start date

4 April 2025

End date

3 April 2026

This contract is subject to renewal

No

II.2.10) Information about variants

Variants will be accepted: Yes

II.2.11) Information about options

Options: No

II.2.14) Additional information

To view all open tenders, including this one, and view supporting documentation click on the following link:

https://ehjb.fa.em2.oraclecloud.com/fscmUI/faces/NegotiationAbstracts?prcBuld=300000003996095&_afrLoop=95342440739222388&_afrWindowMode=0&_afrWindowId=1axe683war&_adf.ctrl-state=rie7esos8_1&_afrFS=16&_afrMT=screen&_afrMFW=1488&_afrMFH=750&_afrMFDW=1536&_afrMFDH=864&_afrMFC=8&_afrMFCI=0&_afrMFM=0&_afrMFR=120&_afrMFG=0&_afrMFS=0&_afrMFO=0

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: No

IV.2) Administrative information

IV.2.2) Time limit for receipt of tenders or requests to participate

Date

18 January 2025

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

English

IV.2.7) Conditions for opening of tenders

Date

20 January 2025

Local time

9:00am

Place

Tender documents available under reference RFN00076 at:

https://ehjb.fa.em2.oraclecloud.com/fscmUI/faces/NegotiationAbstracts?prcBuld=300000003996095&_afrLoop=95342440739222388&_afrWindowMode=0&_afrWindowId=1axe683war&_adf.ctrl-state=rie7esos8_1&_afrFS=16&_afrMT=screen&_afrMFW=1488&_afrMFH=750&_afrMFDW=1536&_afrMFDH=864&_afrMFC=8&_afrMFCI=0&_afrMFM=0&_afrMFR=120&_afrMFG=0&_afrMFS=0&_afrMFO=0

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

VI.4) Procedures for review

VI.4.1) Review body

Durham University

Durham

DH1 3LE

Country

United Kingdom