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Planning

Supply, Delivery and Commissioning of a Dilution Refrigerator

University of Strathclyde

F01: Prior information notice
Prior information only
Notice identifier: 2021/S 000-003593
Procurement identifier (OCID): ocds-h6vhtk-029571
Published 23 February 2021, 3:16pm

Section I: Contracting authority

I.1) Name and addresses

University of Strathclyde

40 George Street, Procurement Department

Glasgow

G1 1QE

Contact

Hayley Clarke

Email

hayley.clarke@strath.ac.uk

Country

United Kingdom

NUTS code

UKM82 - Glasgow City

Internet address(es)

Main address

http://www.strath.ac.uk/

Buyer's address

https://www.publiccontractsscotland.gov.uk/search/Search_AuthProfile.aspx?ID=AA00113

I.3) Communication

Additional information can be obtained from 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, Delivery and Commissioning of a Dilution Refrigerator

Reference number

UOS-19814-2021

II.1.2) Main CPV code

- 39721200 - Gas refrigerators

II.1.3) Type of contract

Supplies

II.1.4) Short description

The University are seeking notes of interest for a potential tender opportunity for the supply, delivery and commissioning of a dilution refrigerator.

II.1.6) Information about lots

This contract is divided into lots: No

II.2) Description

II.2.2) Additional CPV code(s)

- 39711100 - Refrigerators and freezers
- 39711110 - Refrigerator-freezers
- 39711130 - Refrigerators
- 39721200 - Gas refrigerators

II.2.3) Place of performance

NUTS codes

- UKM82 - Glasgow City

II.2.4) Description of the procurement

The University are seeking notes of interest for a potential tender opportunity.

1. The potential tender is for the supply of a cryogen-free dilution refrigerator.

2. The successful supplier is expected to build the refrigerator and fully integrate the technology as a turn-key solution.

3. The successful supplier is expected to deliver the equipment to the University, assemble it on-site and test its correct function.

4. The system must be capable of reaching a base temperature of 50 mK or lower.

5. The system must have a minimum cooling power of 250 microWatts at 100 mK.

6. The system must be integrated with a 3D vector field magnet with minimum field intensities of 3T (z-axis), 1T (y-axis) and 1T (x-axis).

7. The system must have the following wiring solutions:

a. twisted pairs (DC) from room temperature to mixing chamber.

b. coaxial semi-rigid cables (RF) from room temperature to 4 K.

8. Additional functionality may include:

a. Load lock system for fast sample exchange.

b. Optical fiber access (feedthrough and thermalisation stages).

9. The successful supplier is expected to provide a minimum 12-month warranty and post-commissioning technical support.

II.3) Estimated date of publication of contract notice

12 March 2021

Section IV. Procedure

IV.1) Description

IV.1.8) Information about the Government Procurement Agreement (GPA)

The procurement is covered by the Government Procurement Agreement: Yes

Section VI. Complementary information

VI.3) Additional information

The University reserves the right to enter into further consultation with all or any company who expresses an interest in this notice.

Please note for those who wish to be involve in pre-tender engagement, registration of interest must be received by 05/03/2021.

NOTE: To register your interest in this notice and obtain any additional information please visit the Public Contracts Scotland Web Site at https://www.publiccontractsscotland.gov.uk/Search/Search_Switch.aspx?ID=644886.

(SC Ref:644886)