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Contract

Bespoke Crystallisation and Control Laboratory equipment

University of Strathclyde

F03: Contract award notice
Notice identifier: 2022/S 000-035875
Procurement identifier (OCID): ocds-h6vhtk-0388e8
Published 19 December 2022, 3:40pm

Section I: Contracting authority

I.1) Name and addresses

University of Strathclyde

16 Richmond Street

Glasgow

G11XQ

Contact

Jemma Wylie

Email

jemma.wylie@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.2) Information about joint procurement

The contract is awarded by a central purchasing body

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

Bespoke Crystallisation and Control Laboratory equipment

Reference number

UOS-25785-2022

II.1.2) Main CPV code

- 38970000 - Research, testing and scientific technical simulator

II.1.3) Type of contract

Supplies

II.1.4) Short description

This is a Voluntary Ex-Ante Transparency (VEAT) Notice relates to the intended purchase of an automated crystallisation development platform for CMAC.

The contract duration is estimated to be 16 months with an inclusive 15 week lead time and a 12-month warranty after delivery and commissioning.

II.1.6) Information about lots

This contract is divided into lots: No

II.1.7) Total value of the procurement (excluding VAT)

Value excluding VAT: £336,854.49

II.2) Description

II.2.3) Place of performance

NUTS codes

- UKM82 - Glasgow City

II.2.4) Description of the procurement

The University intends to award this contract under the conditions of regulation 33.4.b(ii) of the Public Contracts (Scotland) regulations.

This Contract will include a system for automated crystallization experimentation that will fit into a larger workflow for crystallization development at CMAC. The design and build of the system must have integrated automation, for the execution of experiments, and a data acquisition system.

The physical build must be able to accommodate 6 individual glass reactors (minimal volume of 1 litre each) and fit into a bench-mounted fume hood 9.5 feet wide or a floor-mounted walk-in hood 8 feet wide. Software-driven valve control must be available. Level sensors must also be present. A variety of pump options must be included (gear, diaphragm, piston and peristaltic) to accommodate various chemical systems. Pumps must also be software controlled. Wetted parts must be PTFE, Kalrez and glass. Safety systems such as nitrogen inerting and an emergency stop are essential.

The system must be able to integrate with the following equipment already within the facility: Lauda TCU heater/chiller, Heidolph stirrer, Mettler Toledo Easysampler, Shimadzu HPLC, Mettler Toledo FBRM, BlazeMetrics and Mettler Toledo ReactIR.

The system must have an associated intelligent control system with all reactor control parameters wirelessly connected to a supervisory control and data acquisition system. The control system should allow users to queue a series of experiments for execution. Integration of optimisation for design of experiments should also be available through common experiment design algorithms, e.g. D-optimal, SNOBFIT, Bayesian, etc. Data from all reactor components for the system must be available in both graphic and tabular format via a web interface. All data sources will utilize the time stamp with a typical data cycle of 3 seconds. The data must be exportable in CSV or Excel file format. To ensure system security, the system implementation must be stand-alone with no requirement for external network connections.

A user friendly and intuitive interface is essential to allow smooth integration with a wide range of users from different scientific disciplines. The control system must provide user flexibility to configure many different types of experiments in a recipe-based workflow.

Installation and training must be provided by the supplier. Manuals must also be provided. Equipment must be delivered within 15 weeks of an order being placed.

On the basis of the above, the automated crystallisation development platform offered by Snapdragon Chemistry, Inc is the only equipment able to meet all of the requirements as detailed.

II.2.5) Award criteria

Price

II.2.11) Information about options

Options: Yes

Description of options

The Contracting Authority reserves the right to request additional deliveries by the Successful Tenderer, either intended as partial

replacement of supplies or installations or as extensions of existing supplies and installations.

The Contracting Authority may at it's sole discretion exercise this option.

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

Award of a contract without prior publication of a call for competition in the cases listed below

- The services can be provided only by a particular economic operator for the following reason:
  - absence of competition for technical reasons

Explanation:

The University intends to award to the supplier as competition is absent for technical reasons. based on the specification provided in II.2.4 of this notice and the requirement to integrate with existing equipment on site, the University believes that the Snapdragon Chemistry, Inc equipment is technically unique.

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.2.1) Previous publication concerning this procedure

Notice number: 2022/S 000-033698

Section V. Award of contract

Contract No

UOS-25839-2022

A contract/lot is awarded: Yes

V.2) Award of contract

V.2.1) Date of conclusion of the contract

24 November 2022

V.2.2) Information about tenders

Number of tenders received: 1

Number of tenders received from SMEs: 0

Number of tenders received from tenderers from other EU Member States: 0

Number of tenders received from tenderers from non-EU Member States: 1

Number of tenders received by electronic means: 1

The contract has been awarded to a group of economic operators: No

V.2.3) Name and address of the contractor

Snapdragon Chemistry, Inc.

200 2nd Avenue

Waltham

02451

Country

United States

NUTS code

- US - United States

The contractor is an SME

No

V.2.4) Information on value of contract/lot (excluding VAT)

Total value of the contract/lot: £336,854.49

Section VI. Complementary information

VI.3) Additional information

(SC Ref:717302)

VI.4) Procedures for review

VI.4.1) Review body

Glasgow Sheriff Court

Glasgow

Country

United Kingdom