Award

Multi-point confocal Microscope

University of Exeter

F15: Voluntary ex ante transparency notice
Notice identifier: 2022/S 000-007607
Procurement identifier (OCID): ocds-h6vhtk-032451
Published 21 March 2022, 3:39pm

Section I: Contracting authority/entity

I.1) Name and addresses

University of Exeter

Northcote House

Exeter

EX4 4QH

Contact

Sam Barker

Email

samantha.barker@exeter.ac.uk

Telephone

+44 11111

Country

United Kingdom

NUTS code

UKK4 - Devon

National registration number

RC000653

Internet address(es)

Main address

http://www.exeter.ac.uk

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

Multi-point confocal Microscope

Reference number

UOE/2022/033/SB

II.1.2) Main CPV code

- 38510000 - Microscopes

II.1.3) Type of contract

Supplies

II.1.4) Short description

The University is looking to purchase a DragonFly505 multi-point confocal microscope. The system has a multi-modal 2-camera confocal microscope w/ laser Widefield, TIRF, and super-resolution capability. With motorized 1, 1.5 and 2x optical camera zoom to match Nyquist sampling and motorized illumination zoom for high power density illumination of dSTORM samples.

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: £300,000

II.2) Description

II.2.2) Additional CPV code(s)

- 38510000 - Microscopes

II.2.3) Place of performance

NUTS codes

- UKK4 - Devon

II.2.4) Description of the procurement

The University is looking to purchase a DragonFly505 multi-point confocal microscope. The system has a multi-modal 2-camera confocal microscope w/ laser Widefield, TIRF, and super-resolution capability. With motorized 1, 1.5 and 2x optical camera zoom to match Nyquist sampling and motorized illumination zoom for high power density illumination of dSTORM samples. The equipment comes under our budget of £300,000 and includes the following required features to enable our research outputs using one system:

• 3D localisation astigmatism optics for 3D dSTORM

• Spinning disk confocal, microlens enhanced to maximise excitation efficiency

• 25um and 40um pinhole click-switchable options for high and low magnification objectives.

• Borealis flat-field illumination for seamless image tiling, without the need for shading

correction

• NIR extended range, >730nm laser excitation possible that is compatible with the flat-field illumination solution, no requirement for second laser input

• Dual channel simultaneous TIRF via the microscope imaging left side port, no microscope epi-turret dichroic required to ensure TIRF field flatness

• Vacuum sealed 1kx1k 13um pixel EMCCD camera and vacuum sealed 2kx2k 6.5um back illuminated sCMOS camera

• Super resolution SRRF Stream+ on board both cameras , with instant feedback on the output image in the acquisition software

• Provides 3D visualisation, as 3D data is being acquired in real time

• Real time GPU accelerated deconvolution with parallel processing during image capture

• Output image data is optimised for use in IMARIS analysis software

II.2.5) Award criteria

Price

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

Negotiated without a prior call for competition

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

Explanation:

The University is looking to purchase a DragonFly505 multi-point confocal microscope. The system has a multi-modal 2-camera confocal microscope w/ laser Widefield, TIRF, and super-resolution capability. With motorized 1, 1.5 and 2x optical camera zoom to match Nyquist sampling and motorized illumination zoom for high power density illumination of dSTORM samples. The equipment comes under our budget of £300,000 and includes the following required features to enable our research outputs using one system:

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

The procurement is covered by the Government Procurement Agreement: Yes

Section V. Award of contract/concession

Title

Multi-point confocal Microscope

A contract/lot is awarded: Yes

V.2) Award of contract/concession

V.2.1) Date of conclusion of the contract

18 March 2022

V.2.2) Information about tenders

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

V.2.3) Name and address of the contractor/concessionaire

Andor, An Oxford Instruments Company

7 Millennium Way, Springvale Business Park,

Belfast,

BT12 7AL

Country

United Kingdom

NUTS code

- UKN - Northern Ireland

The contractor/concessionaire is an SME

No

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

Total value of the contract/lot/concession: £300,000

Section VI. Complementary information

VI.4) Procedures for review

VI.4.1) Review body

Royal Court of Justice

London

Country

United Kingdom