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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](mailto: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

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**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

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## 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:

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

The procurement is covered by the Government Procurement Agreement: Yes

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### **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

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## **Section VI. Complementary information**

### **VI.4) Procedures for review**

#### **VI.4.1) Review body**

Royal Court of Justice

London

Country

United Kingdom