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Award

## **Lattice Light Sheet Microscope**

Durham University

F15: Voluntary ex ante transparency notice

Notice identifier: 2024/S 000-001500

Procurement identifier (OCID): ocds-h6vhtk-042da3

Published 16 January 2024, 3:49pm

### **Section I: Contracting authority/entity**

#### **I.1) Name and addresses**

Durham University

Mountjoy Centre, Stockton Road

Durham

dh33Jb

#### **Contact**

Rachael Devlin

#### **Email**

[rachael.devlin@durham.ac.uk](mailto:rachael.devlin@durham.ac.uk)

#### **Telephone**

+44 1913348682

#### **Country**

United Kingdom

**Region code**

UKC14 - Durham CC

**Companies House**

RC000650

**Internet address(es)**

Main address

[www.durham.ac.uk](http://www.durham.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**

Lattice Light Sheet Microscope

Reference number

NEG23-043

**II.1.2) Main CPV code**

- 38515200 - Fluorescent microscopes

**II.1.3) Type of contract**

Supplies

#### **II.1.4) Short description**

The University has a requirement to purchase a Lattice Light Sheet Microscope.

The University has published this VEAT notice and intends to award a contract to Carl Zeiss following the expiry of 10 days from the date of publication of this notice.

#### **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: £847,866.60

### **II.2) Description**

#### **II.2.3) Place of performance**

NUTS codes

- UKC1 - Tees Valley and Durham

Main site or place of performance

Durham

#### **II.2.4) Description of the procurement**

The University has a requirement to purchase a Lattice Light Sheet Microscope.

The University has published this VEAT notice and intends to award a contract to Carl Zeiss following the expiry of 10 days from the date of publication of this notice.

#### **II.2.11) Information about options**

Options: 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:

- An inverted configuration which through the use of a meniscus lens and adaptive optics allows the use of widespread standard sample carriers such as dishes or multiwell slides and provides easier sample handling. In addition, adaptive optics in the detection light path can compensate for the distinct optical properties of the sample (especially important for plants). The inverted meniscus lens implementation also means that the lens never comes into contact with the sample media meaning that there is no dipping of lenses and no risk of cross contamination between samples.
- Software wizards, automated alignment and monolithic design ensures that the system is very stable and does not require physical alignment by expert users meaning that the system can be setup and used by non-expert users easily and effectively, ideal for core facility use .
- True simultaneous multicolour imaging using both cameras (Dual camera set up). A spatial light modulator with wavelength distinct areas is used for forming the lattice pattern allowing for multiple lasers to be used simultaneously while having an optimised pattern for each laser used.
- The ZEISS Lattice Lightsheet 7 can be used with all standard sample carriers that come with a no. 1.5 coverslip for the bottom:
  - o Slides
  - o 35 mm dishes
  - o Chamber slides
  - o Multi-well plates

- Integrated transmission LEDs and oblique detection which provide a DIC-like contrast, allowing easy sample location. Change from white to red transmission LEDs for more gentle illumination if necessary.
- Specifically designed for this system, the unique 5-axis stage not only allows movement along the X, Y and Z axes, but also tilting with the highest precision in X and Y, compensating for even the smallest deviations in carrier dimensions or sample position.

#### **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**

#### **Contract No**

NEG23-043

#### **Title**

Lattice Lightsheet Microscope

A contract/lot is awarded: Yes

#### **V.2) Award of contract/concession**

##### **V.2.1) Date of conclusion of the contract**

16 January 2024

##### **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**

Carl Zeiss Ltd

Research Microscopy Solutions, ZEISS House, 1030 Cambourne Business Park

Cambridge

CB23 6DW

Country

United Kingdom

NUTS code

- UKH1 - East Anglia

Companies House

00542141

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: £847,866.60

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## **Section VI. Complementary information**

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

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

Durham University

Durham

DH1 3LE

Country

United Kingdom