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Award

## **Dianthus Nano System**

Durham University

F15: Voluntary ex ante transparency notice

Notice identifier: 2023/S 000-000150

Procurement identifier (OCID): ocds-h6vhtk-0394fd

Published 4 January 2023, 12:18pm

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

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

Durham University

Mountjoy Centre, Stockton Road

Durham

DH13LE

#### **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

## **Section II: Object**

### **II.1) Scope of the procurement**

#### **II.1.1) Title**

Dianthus Nano System

Reference number

ITT23-002

#### **II.1.2) Main CPV code**

- 38540000 - Machines and apparatus for testing and measuring

#### **II.1.3) Type of contract**

Supplies

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

The University has a requirement to purchase an instrument that features the latest innovation for characterising biomolecular binding affinities.

The University has published this VEAT notice and intends to award a contract to NanoTemper Technologies GmbH 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: £300,047

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

#### **II.2.2) Additional CPV code(s)**

- 38512000 - Ion and molecular microscopes
- 38544000 - Drug detection apparatus

#### **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 an instrument that features the latest innovation for characterising biomolecular binding affinities.

The University has published this VEAT notice and intends to award a contract to NanoTemper Technologies GmbH 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:

Specific features of the system include the

- Measurements are performed in solution (i.e. no immobilisation is required)
- Capability to quantify interactions in complex solutions (crude extract, serum)
- Means to determine binding constant over a wide range (5 nM - high millimolar) as well

as stoichiometry and thermodynamic parameters

- Power to work at low nanomolar concentrations
- Advantage of small sample volumes (20 microliter) coupled with the capacity to run samples in high-throughput mode using standard 384 well-plate
- Used detection modalities based on two techniques: Spectral shift detection and Temperature-Related Intensity Change (TRIC)
- Microfluidics-free
- Mass independent measurement i.e., the measurable molecular weight range is from 101-107 Da
- Measure up to 384 datapoints per run
- Advantage of small sample volumes (20 microliter) coupled with the capacity to run samples in high-throughput mode using standard SBS 384 well-plate format

#### **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**

ITT23-002

#### **Title**

Dianthus Nano System

A contract/lot is awarded: Yes

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

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

3 January 2023

##### **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**

NanoTemper Technologies GmbH

Floessergasse 4

81369 Munich

Country

Germany

NUTS code

- DE - Germany

NanoTemper Technologies GmbH

HRB 173881

Internet address

<https://nanotempertech.com/>

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: £300,047

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## **Section VI. Complementary information**

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

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

Durham University

Durham

DH13LE

Country

United Kingdom