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Tender

## **Tender for the Supply and Installation of a Spectral Flow Cytometer to the University of Birmingham**

THE UNIVERSITY OF BIRMINGHAM

F02: Contract notice

Notice identifier: 2022/S 000-026217

Procurement identifier (OCID): ocds-h6vhtk-03698a

Published 20 September 2022, 12:48pm

### **Section I: Contracting authority**

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

THE UNIVERSITY OF BIRMINGHAM

EDGBASTON

BIRMINGHAM

B152TT

#### **Contact**

Kseniya Samsonik

#### **Email**

[k.samsonik@bham.ac.uk](mailto:k.samsonik@bham.ac.uk)

#### **Country**

United Kingdom

#### **Region code**

UKG31 - Birmingham

**Companies House**

RC000645

**Internet address(es)**

Main address

[www.birmingham.ac.uk/index.aspx](http://www.birmingham.ac.uk/index.aspx)

**I.3) Communication**

The procurement documents are available for unrestricted and full direct access, free of charge, at

[www.in-tendhost.co.uk/universityofbirmingham.aspx/Home](http://www.in-tendhost.co.uk/universityofbirmingham.aspx/Home)

Additional information can be obtained from the above-mentioned address

Tenders or requests to participate must be submitted electronically via

[www.in-tendhost.co.uk/universityofbirmingham.aspx/Home](http://www.in-tendhost.co.uk/universityofbirmingham.aspx/Home)

Tenders or requests to participate must be submitted to the above-mentioned address

**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**

Tender for the Supply and Installation of a Spectral Flow Cytometer to the University of Birmingham

Reference number

SC10846/22

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

- 38434510 - Cytometers

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

Supplies

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

The University of Birmingham invites tenders for the supply of a spectral flow cytometer cell analyser. This spectral flow cytometer cell analyser will be used to develop the biomedical research projects taking place at the College of Medical and Sciences. With this in mind, we expect from this instrument to provide advanced solutions for high-parametric multicolour analysis (from 25 colours and above) of cell suspensions derived from human and animal model tissues. We would positively consider an instrument with a peer-reviewed publication track record on small entities such as platelets, micro-organisms, extracellular vesicles and nanoparticles.

This project may be funded by the European Regional Development Fund (ERDF) or;

- European Structural and Investment Fund (ESIF) or;

- Research Councils UK (RCUK), the strategic partnership of the UK's seven Research Councils.

#### **II.1.6) Information about lots**

This contract is divided into lots: No

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

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

NUTS codes

- UKG31 - Birmingham

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

The University of Birmingham invites tenders for the supply of a spectral flow cytometer cell analyser. This spectral flow cytometer cell analyser will be used to develop the biomedical research projects taking place at the College of Medical and Sciences. With this in mind, we expect from this instrument to provide advanced solutions for high-parametric multicolour analysis (from 25 colours and above) of cell suspensions derived from human and animal model tissues. We would positively consider an instrument with a peer-reviewed publication track record on small entities such as platelets, micro-organisms, extracellular vesicles and nanoparticles.

Instrument Specification:

- This instrument will have at least 5 lasers (355, 405, 488, 561, 640nm),
- This instrument must have at least 60 independent fluorescent channels,
- This instrument must have a maximum data acquisition event rates of at least 30,000 events/second,
- The software provided for the data acquisition and/or the data analysis must provide a user friendly spectral unmixing option resulting to comprehensive representations of high-parametric multicolour data,
- A volumetric measurement during sample recording would be positively considered,
- The instrument must come with an up-to-date and powerful computer for system control, data acquisition and data analysis. We expect this computer to be provided with the latest operating software,

After sales services:

- We expect a swift and high quality remoted and on-site technical supports for the all length of the instrument warranty as well as the additional service contracts we might purchase,
- A training package must be provided for a group of users,
- We expect the suppliers to provide us with educational resources and services

dedicated to our instrument configuration as well as the development of high-parametric flow cytometry multicolour staining panels.

#### **II.2.5) Award criteria**

Quality criterion - Name: Compliance to the Specifications / Weighting: 40

Quality criterion - Name: After Sales and Technical Back Up / Weighting: 20

Quality criterion - Name: Delivery and Training / Weighting: 15

Quality criterion - Name: Sustainability and Environmental / Weighting: 5

Quality criterion - Name: Standard Supplier Questionnaire (SQ) / Weighting: 10

Price - Weighting: 10

#### **II.2.7) Duration of the contract, framework agreement or dynamic purchasing system**

End date

31 March 2023

This contract is subject to renewal

No

#### **II.2.10) Information about variants**

Variants will be accepted: No

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

Options: No

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## **Section IV. Procedure**

### **IV.1) Description**

#### **IV.1.1) Type of procedure**

Open procedure

#### **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.2.2) Time limit for receipt of tenders or requests to participate**

Date

20 October 2022

Local time

11:59am

#### **IV.2.4) Languages in which tenders or requests to participate may be submitted**

English

#### **IV.2.7) Conditions for opening of tenders**

Date

20 October 2022

Local time

12:00pm

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## **Section VI. Complementary information**

### **VI.1) Information about recurrence**

This is a recurrent procurement: No

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

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

University of Birmingham

Birmingham

B15 2TT

Country

United Kingdom