

**Finland-Helsinki: Laboratory, optical and precision equipments (excl. glasses)**

OJ S 47/2021 09/03/2021

Contract notice

Supplies

**Legal Basis:**

Directive 2014/24/EU

**Section I: Contracting authority**

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**I.1. Name and addresses**

Official name: University of Helsinki  
National registration number: 0313471-7  
Postal address: Yliopistonkatu 3  
Town: Helsinki  
NUTS code: FI Suomi / Finland  
Postal code: 00014  
Country: Finland  
E-mail: [hankinnat@helsinki.fi](mailto:hankinnat@helsinki.fi)  
**Internet address(es):**  
Main address: <https://www.helsinki.fi/en>

**I.3. Communication**

The procurement documents are available for unrestricted and full direct access, free of charge, at: <https://tarjouspalvelu.fi/hanki?id=325156&tpk=db56e363-8248-4453-a104-329808d961de>

Additional information can be obtained from the abovementioned address

Tenders or requests to participate must be submitted electronically via: <https://tarjouspalvelu.fi/hanki?id=325156&tpk=db56e363-8248-4453-a104-329808d961de>

**I.4. Type of the contracting authority**

Other type: University

**I.5. Main activity**

Education

**Section II: Object**

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**II.1. Scope of the procurement****II.1.1. Title**

Multicolor Analyzing Flow Cytometer

**II.1.2. Main CPV code**

38000000 Laboratory, optical and precision equipments (excl. glasses)

**II.1.3. Type of contract**

Supplies

**II.1.4. Short description**

Multicolor analyzing flow cytometer instrument will be acquired to Flow Cytometry Unit, Biomedicum Flow Cytometry, University of Helsinki.

#### **II.1.5. Estimated total value**

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

This contract is divided into lots: no

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

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

NUTS code: FI1B Helsinki-Uusimaa

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

Multicolor analyzing flow cytometer instrument will be acquired to Flow Cytometry Unit, Biomedicum Flow Cytometry, University of Helsinki.

The following features are required from the instrument:

##### 1) Optics

1.1 At least three lasers (violet 405 nm, blue 488 nm and red 633-640 nm), with upgrade possibility to 5 lasers (UV approx. 355 nm and yellow-green approx. 561 nm). Including pricing for the upgrades (incl. material + all installation and setup-related work).

1.2 Two scatter and at least 16 fluorescence detectors.

1.3. Twenty-five (25) or more fluorescent parameters with the full upgrade to five lasers.

1.4 Fluorescence resolution CV <3 % for chicken erythrocyte nuclei (CEN), propidium iodidestained.

1.5 Fluorescence sensitivity of at least molecules of equivalent soluble fluorochromes MESF on the FITC channel: 80, MESF on the PE channel:30.

1.6 Separation of at least 0.5 micrometer-sized particles with scatter detectors.

##### 2) Fluidics

2.1 At least 12 × 75 mm tube and 96-well plate sample input formats.

2.2 Easy switch between tube and HTS (plate) input.

2.3 Gentle sample mixing possibilities for plates.

##### 3) Software

3.1 The Supplier guarantees to provide the latest version of software offered.

3.2 Three licenses of software must be included to the total price of the tender or must be freely available.

3.3 Generation of Flow Cytometry Standard (FCS) files that are compatible with most flow cytometry data analysis software such as e.g. FlowJo.

3.4 Possibility for auto-compensation. Auto-compensation functionality.

##### 4) Service and support

4.1 Total price of tender includes at least 2 years of warranty and regular maintenance during the warranty period.

##### 5) Training

5.1 Total price of the tender must include training of the core facility personnel for instrument maintenance, running and trouble shooting. After the training the personnel should be able to train new users of the instrument.

##### 6) User references for the instrument

6.1 The tenderer has references to at least three laboratories or core units to which it has supplied the instrument offered or earlier version thereof.

#### **II.2.5.**

## **Award criteria**

Price is not the only award criterion and all criteria are stated only in the procurement documents

### **II.2.6. Estimated value**

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

Duration in months: 12

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: yes

Description of options:

Service contract for 3 years after warranty period is asked to offer as an option.

### **II.2.13. Information about European Union funds**

The procurement is related to a project and/or programme financed by European Union funds:  
no

### **II.2.14. Additional information**

## **Section IV: Procedure**

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

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

Open procedure

#### **IV.1.3. Information about a framework agreement or a dynamic purchasing system**

#### **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: 06/04/2021 Local time: 13:00

#### **IV.2.3. Estimated date of dispatch of invitations to tender or to participate to selected candidates**

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

English

#### **IV.2.6. Minimum time frame during which the tenderer must maintain the tender**

Duration in months: 6 (from the date stated for receipt of tender)

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

Date: 06/04/2021 Local time: 13:15

## **Section VI: Complementary information**

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**VI.1. Information about recurrence**

This is a recurrent procurement: no

**VI.2. Information about electronic workflows**

Electronic payment will be used

**VI.3. Additional information****VI.4. Procedures for review****VI.4.1. Review body**

Official name: Markkinaoikeus

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**VI.5. Date of dispatch of this notice**

04/03/2021