

## 1. Buyer

### 1.1 Buyer

Official name: Universiteit Leiden  
Legal type of the buyer: Body governed by public law  
Activity of the contracting authority: Education

## 2. Procedure

### 2.1 Procedure

Title: Confocal Microscope

Description: The Leiden Academic Centre for Drug Research (LACDR) (part of the Faculty of Science of Leiden University) is seeking tenders for the procurement of one advanced microscope capable of performing image-guided single-cell sampling and isolation using confocal imaging and lifetime fluorescence. The microscope will be used for the Exposome Scan Dutch infrastructure and located at the Leiden Cell Observatory (LCO). With this microscope we aim to develop a microscopy-based infrastructure that enables both i) high-throughput phenotypic screening in 3D live advanced cell systems and ii) image-guided single-cell and intracellular component sampling. This infrastructure will serve scientists interested in screening relevant compound libraries in a wide variety of advanced fluorescent reporter cell systems (e.g., human stem cells cultured in 2D and differentiated in 3D microtissues such as liver or kidney organoids) and obtaining a mechanistic understanding of specific imaged phenotypes using a multi-omics approach. The microscope hardware must provide the following functionality: 1) Hardware: Label-free (brightfield or transmission), and lifetime microscopy. Time-lapse microscopy (incubator for a controlled environment). Confocal microscopy for 2D and 3D reporter cell systems cultured in multi-well plates. Automated high-content microscopy (automated stage with high X, Y, Z accuracy for both screening and automated micro sampling). High reproducibility in Z focus needed for time-lapse 2D/3D microscopy (perfect focus/autofocus). 2) Software: Software must be able to communicate with third-party software controlling the micro-sampling robotic. Smart microscopy functionality that allows the automated detection of single-cell events such as: Recognition of intracellular organelles or parts of the cytoplasm. Recognition of a cell next to a target cell. Recognition of cells with different morphologies. Recognition of cells or intracellular components with different lifetime signals. Recognition of specific cell regions based on different fluorescent lifetime signals. Single-cell cloning from cells displaying a unique phenotype. 4) FAIR Compliance: Imaging data must comply with the FAIR principles, including compatibility with the OMERO database and preferentially generating OME-ZARR standards. The microscope must have state-of-the-art reliability and be compatible with Dutch work environment safety regulations (ARBO).

Procedure identifier: a36c081e-6a37-42df-abd2-c71120e97d7c

Type of procedure: Open

The procedure is accelerated: no

#### 2.1.1 Purpose

Main nature of the contract: Supplies

Main classification (cpv): 38510000 Microscopes

Additional classification (cpv): 38634000 Optical microscopes

#### 2.1.2 Place of performance

Town: Leiden

Country subdivision (NUTS) Agglomeratie Leiden en Bollenstreek (NL363)

:

Country: Netherlands

Additional information: See documentation

### 2.1.3 Value

Estimated value excluding VAT: 495 867,77 Euro

### 2.1.4 General information

Legal basis:

Directive 2014/24/EU

### 2.1.6 Grounds for exclusion

Sources of grounds for exclusion: Notice

Corruption: Paragraaf 2.3.5.1 Aanbestedingswet 2012

Fraud: Paragraaf 2.3.5.1 Aanbestedingswet 2012

Money laundering or terrorist financing: Paragraaf 2.3.5.1 Aanbestedingswet 2012

Participation in a criminal organisation: Paragraaf 2.3.5.1 Aanbestedingswet 2012

Terrorist offences or offences linked to terrorist activities: Paragraaf 2.3.5.1 Aanbestedingswet 2012

Child labour and including other forms of trafficking in human beings: Paragraaf 2.3.5.1 Aanbestedingswet 2012

Breaching of obligations in the fields of environmental law: Paragraaf 2.3.5.1 Aanbestedingswet 2012

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Breaching of obligations in the fields of labour law: Paragraaf 2.3.5.1 Aanbestedingswet 2012

:

Breaching of obligations in the fields of social law: Paragraaf 2.3.5.1 Aanbestedingswet 2012

Agreements with other economic operators aimed at distorting competition: Paragraaf 2.3.5.1 Aanbestedingswet 2012

Misrepresentation, withheld information, unable to provide

required documents and obtained confidential information of this procedure:	Paragraaf 2.3.5.1 Aanbestedingswet 2012
Offence concerning its professional conduct in the domain of defence procurement:	Paragraaf 2.3.5.1 Aanbestedingswet 2012
Conflict of interest due to its participation in the procurement procedure:	Paragraaf 2.3.5.1 Aanbestedingswet 2012
Direct or indirect involvement in the preparation of this procurement procedure:	Paragraaf 2.3.5.1 Aanbestedingswet 2012
Early termination, damages, or other comparable sanctions:	Paragraaf 2.3.5.1 Aanbestedingswet 2012
Lack of reliability to exclude risks to the security of the country:	Paragraaf 2.3.5.1 Aanbestedingswet 2012
Breaching obligation relating to payment of social security contributions:	Paragraaf 2.3.5.1 Aanbestedingswet 2012
Breaching obligation relating to payment of taxes:	Paragraaf 2.3.5.1 Aanbestedingswet 2012
Business activities are suspended:	Paragraaf 2.3.5.1 Aanbestedingswet 2012
Bankruptcy:	Paragraaf 2.3.5.1 Aanbestedingswet 2012
Arrangement with creditors:	Paragraaf 2.3.5.1 Aanbestedingswet 2012
Insolvency:	Paragraaf 2.3.5.1 Aanbestedingswet 2012
Assets being administered by liquidator:	Paragraaf 2.3.5.1 Aanbestedingswet 2012
Analogous situation like bankruptcy, insolvency or	Paragraaf 2.3.5.1 Aanbestedingswet 2012

arrangement with  
creditors under  
national law:

## 5. Lot

### 5.1 Lot technical ID: LOT-0000

Title: Confocal Microscope

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#### 5.1.1 Purpose

Main nature of the contract: Supplies

Main classification (cpv): 38510000 Microscopes

Additional classification (cpv): 38634000 Optical microscopes

#### 5.1.2 Place of performance

Town: Leiden

Country subdivision (NUTS): Agglomeratie Leiden en Bollenstreek (NL363)

Country: Netherlands

Additional information: See documentation

#### 5.1.3 Estimated duration

Duration: 12 Month

#### 5.1.5 Value

Estimated value excluding VAT: 495 867,77 Euro

#### 5.1.6 General information

Reserved participation: Participation is not reserved.

Procurement Project not financed with EU Funds.

The procurement is covered by the Government Procurement Agreement (GPA):

This procurement is also suitable for small and medium-sized enterprises (SMEs):

### 5.1.7 Strategic procurement

#### 5.1.10 Award criteria

Criterion:

Type: Quality

Name: High-throughput Imaging instruments

Description: The instrument should be equipped with an automatic water dispenser system for keeping the immersion liquid on the objectives. Imaging speed at full FOV 100 fps Automatic correction collar that can be adjusted automatically for best optical performance via software without user's manual input.

Category of award threshold criterion : Weight (points, exact)

Award criterion number: 25

Criterion:

Type: Quality

Name: Readiness for integration with automated microsampling in multiwell plate

Description: High-precision motorized stage with sub-micron accuracy in XYZ axes for exact positioning of the sampling needle XYZ axial designated resolution: 0.1 µm Willingness to modify/open software to accommodate the microsampler Compatible with integration of needle control software with the confocal microscope control software for coordinated movements. Compatible with real-time imaging feedback to ensure correct needle placement during sampling.

Category of award threshold criterion : Weight (points, exact)

Award criterion number: 40

Criterion:

Type: Quality

Name: Data Generation and FAIR Data Management

Description: Software should generate OME.zarr, the Next Generation File Format (NGFF) for bioimaging data Software capable of directly interfacing with the OMERO server for data storage, annotation, and sharing. Software should allow for the automatic upload of imaging data and metadata to the OMERO server without requiring manual intervention.

Category of award threshold criterion : Weight (points, exact)

Award criterion number: 20

Criterion:

Type: Quality

Name: Service and Warranty Requirements

Description: Comprehensive user training must be provided on-site at the time of installation. This should include hands-on training for operating the microscope, basic troubleshooting, and maintenance procedures. Detailed user manuals, maintenance guides, and troubleshooting documentation must be provided in both printed and electronic formats. The vendor must provide all software updates and upgrades free of charge. Updates should include new features, security patches, and performance improvements. The vendor should offer options for extending the warranty and service contracts beyond the initial warranty period. Details of extended warranty plans, including costs and coverage, should be provided.

Category of award  
threshold criterion Weight (points, exact)

Award criterion  
number: 25

Criterion:

Type: Price

Name: Price

Description: Price of the microscope

Category of award  
threshold criterion Weight (points, exact)

Award criterion  
number: 160

#### 5.1.11 Procurement documents

Address of the  
procurement documents: <https://s2c.mercell.com/today/163390>

#### 5.1.12 Terms of procurement

Terms of submission:

Electronic  
submission: Allowed

Address for  
submission: <https://s2c.mercell.com/today/163390>

Languages in  
which tenders or  
requests to  
participate may be  
submitted: English

Electronic  
catalogue: Not allowed

Variants: Not allowed

Tenderers may  
submit more than  
one tender: Not allowed

Deadline for  
receipt of tenders: 04/09/2025 10:00 +00:00

Deadline until  
which the tender  
must remain valid: 90 Day

Information about public opening:

Opening date: 04/09/2025 10:05 +00:00

Place: Elektronically

Terms of contract:

The execution of the contract must be performed within the framework of sheltered employment programmes: No

A non-disclosure agreement is required: no

Electronic invoicing : Allowed

Electronic ordering will be used: no

Electronic payment will be used: yes

#### 5.1.15 Techniques

Framework agreement:

No framework agreement

Information about the dynamic purchasing system:

No dynamic purchase system

#### 5.1.16 Further information, mediation and review

Review organisation: Rechtbank Den Haag

Information about review deadlines: Within 20 days after contract-award decision.

### 8. Organisations

#### 8.1 ORG-0001

Official name: Universiteit Leiden

Registration number: 27368929

Postal address: Kolffpad 1

Town: Leiden

Postcode: 2333BN

Country subdivision (NUTS) : Agglomeratie Leiden en Bollenstreek (NL363)

Country: Netherlands

Contact point: Govert Schipperheijn

Email: [inkoop@ufb.leidenuniv.nl](mailto:inkoop@ufb.leidenuniv.nl)

Telephone: +31715273304

Internet address: <https://www.universiteitleiden.nl/>

Buyer profile: <https://s2c.mercell.com/buyer/19549>

Roles of this organisation:

Buyer

**8.1 ORG-0002**

Official name: Rechtbank Den Haag

Registration number: 82946175

Department: Civiel

Postal address: Postbus 20303

Town: Den Haag

Postcode: 2500 EH

Country subdivision (NUTS) : Agglomeratie 's-Gravenhage (NL361)

Country: Netherlands

Contact point: Informatie

Email: info@rechtspraak.nl

Telephone: +31883622200

Internet address: <https://www.rechtspraak.nl/Organisatie-en-contact/Organisatie/Rechtbanken/Rechtbank-Den-Haag>

Roles of this organisation:

Review organisation

**Notice information**

Notice identifier /version: 07f82639-b8a6-45b7-8c08-4396c0fa7ff6 - 01

Form type: Competition

Notice type: Contract or concession notice – standard regime

Notice dispatch date: 16/07/2025 13:01 +00:00

Notice dispatch date (eSender): 16/07/2025 13:02 +00:00

Languages in which this notice is officially available: English