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:	Lipsi Ti2 AXR Confocal microscope
Description:	The LACDR, Leiden University Cell Observatory Facility seeks to acquire its second fully automated high-content imaging platform integrating a high-speed confocal microscope with robotic capabilities and multiple well plate storage in a fully controlled environment. Only one supplier has a solution for this purpose. A negotiated procedure has been chosen.
Procedure identifier:	27856ce3-652d-4d84-90c2-2298be6a43dd
Internal identifier:	T112806
Type of procedure:	Negotiated without prior call for competition

2.1.1 Purpose

Main nature of the contract:	Supplies
Main classification (cpv):	38510000 Microscopes
Additional classification (cpv):	38513100 Inverted microscopes

2.1.2 Place of performance

Country subdivision (NUTS):	Agglomeratie Leiden en Bollenstreek (NL337)
Country:	Netherlands
Additional information:	See documentation

2.1.4 General information

Additional information:	This publication is done to indicate our intention to award the contract. If no representations are made within 20 days of this publication, the contract will be awarded. Representations can be made through the Mercell procurement platform or via email.

Legal basis:

Directive 2014/24/EU

5. Lot

5.1 Lot technical ID: LOT-0000

Title:	Lipsi Ti2 AXR Confocal microscope
Description:	The LACDR, Leiden University Cell Observatory Facility seeks to acquire its second fully automated high-content imaging platform integrating a high-speed confocal microscope with robotic capabilities and multiple well plate storage in a fully controlled environment. Only one supplier has a solution for this purpose. A negotiated procedure has been chosen.

Rijksoverheid

Internal identifier:	T112806

5.1.1 Purpose

Main nature of the contract:	Supplies
Main classification (cpv):	38510000 Microscopes
Additional classification (cpv):	38513100 Inverted microscopes

5.1.2 Place of performance

Country subdivision (NUTS):	Agglomeratie Leiden en Bollenstreek (NL337)
Country:	Netherlands
Additional information:	See documentation

5.1.6 General information

Procurement Project not financed with EU Funds.

The procurement is covered by the Government Procurement Agreement (GPA):	yes
Additional information:	This publication is done to indicate our intention to award the contract. If no representations are made within 20 days of this publication, the contract will be awarded. Representations can be made through the Mercell procurement platform or via email.

5.1.10 Award criteria

Criterion:	
Type:	Price
Name:	Price
Description:	Price
Weight (percentage, exact):	100

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
Organisation whose budget is used to pay	Universiteit Leiden

Rijksoverheid

for the contract :	
Organisation executing the payment:	Universiteit Leiden
Organisation signing the contract:	Universiteit Leiden

6. Results

Value of all contracts awarded in this notice:	330 579 Euro
Direct award:	
Justification for direct award:	The contract can be provided only by a particular economic operator because of an absence of competition for technical reasons
Other justification:	Scientific Background The LACDR, Leiden University Cell Observatory Facility seeks to acquire its second fully automated high-content imaging platform integrating a high-speed confocal microscope with robotic capabilities and multiple well plate storage in a fully controlled environment. Our research primarily utilizes human induced pluripotent stem (iPS) cell models for drug and basic research. These models require live-cell imaging in a highly controlled incubator due to their sensitivity to environmental changes and human handling. Additionally, our imaging demands continue to grow, driven by an increasing number of Master's students and high-throughput screening research projects (including RISKHUNT3R, PARC, EFSA and ScreeninC). Thus, automation is urgently needed to boost throughput and maximize the use of our imaging instruments. The LIPSI system will meet these needs, offering a hotel with a capacity of 20 plates and maintaining a stable, controlled environment that minimizes handling stress on sensitive cell lines. The platform will support both educational and research activities for principal investigators at the Cell Systems and Drug Safety (CDS) division, including Profs. Bob van de Water, Erik Danen, Micha Drukker, Joost Beltman, and the head of the HCS facility, Dr. Sylvia Le Dévédec. It will also be accessible to other LACDR PIs and Master's students for advanced imaging projects, with dedicated professional supervision from our microscopist technician. To fulfil these needs, the high-content imaging platform with integrated automation must meet the following criteria: • Automatically image multiple plate types in a stable environment. • Accommodate independent experiments from multiple users simultaneously. • Support multiple optical configurations for different users. • Provide high X, Y, Z reloading precision. • Offer fast, high-resolution imaging across various plate formats. • Be sensitive to low fluorescent signals and minimize phototoxicity. • Generate data in a format compatible with Omero and adhere to FAIR data principles. • Offer smart microscopy with real-time image analysis and acquisition adjustments. Vendor exclusivity Hardware NIKON is the exclusive supplier of the required high-content imaging platform, integrating a confocal microscope with robotics and plate storage in a fully incubated system. The LIPSI system allows 96-well plate imaging in under a minute while maintaining sensitive cells in a temperature-controlled, stress-free environment. It demonstrated the highest X, Y, Z accuracy across numerous imaging cycles, essential for single-cell tracking analysis. LIPSI leverages the full capabilities of the Eclipse Ti2 inverted microscope, including its 25mm field of view and high-speed imaging, with modularity for future upgrades with additional confocal modalities and accessories. Software The NIS image acquisition software includes a user-friendly scheduler supporting multi-user functionality, with imaging frequency as fast as 10 minutes or less. It also integrates smart microscopy features through Jobs and General Analysis 3 software, enhancing imaging speed and data quality. Support NIKON will provide comprehensive support for all components of the platform and has agreed to deliver personalized training for our microscopist technician. His experience with the LIPSI A1R and the dedicated training will ensure rapid and efficient integration of the LIPSI AXR system.

6.1 Result lot Identifier: LOT-0000

6.1.2 Information about winners

Winner:	
Official name:	Nikon Europe BV

Rijksoverheid

Tender:	
Tender identifier:	QUO-50840-F5M5W7
Identifier of lot or group of lots :	LOT-0000
Value of the result:	330 579 Euro
The tender was ranked:	no
Subcontracting :	No
Subcontracting value is known :	no
Subcontracting percentage is known:	no
Contract information:	
Identifier of the contract:	QUO-50840-F5M5W7
Title:	Ti2-E_LIPSI
Date on which the winner was chosen:	01/10/2024
The contract is awarded within a framework agreement:	no
Organisation signing the contract:	Universiteit Leiden

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 (NL337)
Country:	Netherlands
Contact point:	Govert Schipperheijn
Email:	inkoop@ufb.leidenuniv.nl
Telephone:	+31715273304
Internet address:	https://www.universiteitleiden.nl/

Rijksoverheid

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

Roles of this organisation:

Buyer

Organisation signing the contract

Organisation whose budget is used to pay for the contract

Organisation executing the payment

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 (NL332)
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

8.1 ORG-0003

Official name:	Nikon Europe BV
Size of the economic operator:	Large
Registration number:	34139593
Postal address :	Stroombaan 14
Town:	AMSTERDAM
Postcode:	1181 VX
Country subdivision (NUTS):	Groot-Amsterdam (NL329)
Country:	Netherlands
Email:	info@nikon.nl
Telephone:	+31 (0)20 7099 140

Roles of this organisation:

Tenderer

Winner of these lots:	LOT-0000

11. Notice information

Rijksoverheid

11.1 Notice information

Notice identifier /version:	83b0aba9-5361-4800-83f5-8341178fecac - 01
Form type:	Direct award preannouncement
Notice type:	Voluntary ex-ante transparency notice
Notice dispatch date:	02/10/2024 09:53 +00:00
Notice dispatch date (eSender):	02/10/2024 09:54 +00:00
Languages in which this notice is officially available:	English

11.2 Publication information

Rijksoverheid