1. Buyer

1.1 Buyer

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

2. Procedure

2.1 Procedure

Title:	Fluorescence Widefield Microscope
Description:	The University of Groningen (hereinafter: the UG) intends to purchase an advanced fluorescence widefield microscope system for high-resolution imaging of dynamic phase-separated and microfluidic systems. The microscope will be used to image fluorescently labelled samples in real time, requiring high sensitivity, rapid image acquisition, and computational image restoration during live imaging. The system must provide automated multidimensional imaging, submicron positioning accuracy, and a 100× high numerical aperture objective for quantitative fluorescence microscopy of microscopic structures. The research performed at the UG focuses on the behavior of dynamic chemical systems, including microfluidic platforms, and microscopic droplets. Many of these systems evolve on short timescales (<1 s) and therefore require live fluorescence imaging with high temporal and spatial resolution. Conventional post-acquisition deconvolution is not suitable for these experiments because image quality must be improved during acquisition while maintaining the temporal resolution needed to observe fast processes and adjust experimental conditions during measurement. The microscope must therefore provide real-time computational clearing of out-of-focus fluorescence, enabling immediate visualization of dynamic events without introducing delays in the experimental workflow. In addition, the research involves imaging microscopic droplets with diameters down to approximately 1 µm. Reliable quantitative analysis of these structures requires a high numerical aperture 100× objective, excellent optical performance, and a motorized stage with submicron positioning accuracy to enable precise relocation of regions of interest, automated tile scans, z-stacking and reproducible time-lapse experiments. The microscope will be used by multiple researchers for quantitative fluorescence imaging, multidimensional image acquisition, and automated analysis of dynamic samples. The system must therefore provide a fully integrated hardware and software platform with reliable automation, high reproducibility, and manufacturer-supported service. See the market consultation document for futher information.
Procedure identifier:	a3b3e829-47b3-46be-8da5-825a8ec99245
Internal identifier:	f5f67114-25f6-451a-a453-b01643269cbd
Type of procedure:	Negotiated with prior publication of a call for competition / competitive with negotiation

2.1.1 Purpose

Main nature of the contract:	Supplies
Main classification (cpv):	38510000 Microscopes

2.1.2 Place of performance

Country:	Netherlands

Anywhere in the given country

Additional

Rijksoverheid

information:	See documentation

2.1.3 Value

Estimated value excluding VAT:	160 000 Euro

2.1.4 General information

Legal basis:

Directive 2014/24/EU

2.1.6 Grounds for exclusion

Sources of grounds for exclusion:	European Single Procurement Document (ESPD)

5. Lot

5.1 Lot technical ID: LOT-0000

Title:	Fluorescence Widefield Microscope
Description:	The University of Groningen (hereinafter: the UG) intends to purchase an advanced fluorescence widefield microscope system for high-resolution imaging of dynamic phase-separated and microfluidic systems. The microscope will be used to image fluorescently labelled samples in real time, requiring high sensitivity, rapid image acquisition, and computational image restoration during live imaging. The system must provide automated multidimensional imaging, submicron positioning accuracy, and a 100× high numerical aperture objective for quantitative fluorescence microscopy of microscopic structures. The research performed at the UG focuses on the behavior of dynamic chemical systems, including microfluidic platforms, and microscopic droplets. Many of these systems evolve on short timescales (<1 s) and therefore require live fluorescence imaging with high temporal and spatial resolution. Conventional post-acquisition deconvolution is not suitable for these experiments because image quality must be improved during acquisition while maintaining the temporal resolution needed to observe fast processes and adjust experimental conditions during measurement. The microscope must therefore provide real-time computational clearing of out-of-focus fluorescence, enabling immediate visualization of dynamic events without introducing delays in the experimental workflow. In addition, the research involves imaging microscopic droplets with diameters down to approximately 1 µm. Reliable quantitative analysis of these structures requires a high numerical aperture 100× objective, excellent optical performance, and a motorized stage with submicron positioning accuracy to enable precise relocation of regions of interest, automated tile scans, z-stacking and reproducible time-lapse experiments. The microscope will be used by multiple researchers for quantitative fluorescence imaging, multidimensional image acquisition, and automated analysis of dynamic samples. The system must therefore provide a fully integrated hardware and software platform with reliable automation, high reproducibility, and manufacturer-supported service. See the market consultation document for futher information.
Internal identifier:	f0113019-8f76-4705-a36f-63787f5bac7f

5.1.1 Purpose

Main nature of the contract:	Supplies
Main classification (cpv):	38510000 Microscopes

5.1.2 Place of performance

Country:	Netherlands

Anywhere in the given country

Additional information:	See documentation

Rijksoverheid

5.1.3 Estimated duration

Other duration:	Unknown

5.1.5 Value

Estimated value excluding VAT:	160 000 Euro

5.1.6 General information

Reserved participation :	Participation is not reserved.
Procurement	Project fully or partially financed with EU Funds.
The procurement is covered by the Government Procurement Agreement (GPA):	no

5.1.9 Selection criteria

Sources of selection criteria:	European Single Procurement Document (ESPD)

5.1.11 Procurement documents

Address of the procurement documents:	https://s2c.mercell.com/today/229441

5.1.12 Terms of procurement

Terms of submission:

Electronic submission:	Allowed
Address for submission:	https://s2c.mercell.com/today/229441
Languages in which tenders or requests to participate may be submitted:	English
Deadline for receipt of expressions of interest:	03/09/2026 22:00 +00:00

Terms of contract:

The execution of the contract must be	

Rijksoverheid

performed within the framework of sheltered employment programmes :	Not yet known

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 Groningen
Information about review deadlines:	See market consultation document
Organisation providing additional information about the procurement procedure:	Rijksuniversiteit Groningen

8. Organisations

8.1 ORG-0001

Official name :	Rijksuniversiteit Groningen
Registration number:	01179037
Postal address:	Broerstraat 5
Town:	Groningen
Postcode:	9712CP
Country subdivision (NUTS):	Overig Groningen (NL115)
Country:	Netherlands
Contact point :	Esther Arends
Email:	e.r.arends@rug.nl
Telephone:	+31653239942
Internet address:	https://www.rug.nl

Roles of this organisation:

Buyer

Organisation providing additional information about the procurement procedure

8.1 ORG-0002

Official name

Rijksoverheid

:	Rechtbank Groningen
Registration number:	82950385
Department:	Rechtbank
Postal address:	Guyotplein 1
Town:	Groningen
Postcode:	9712NX
Country subdivision (NUTS):	Overig Groningen (NL115)
Country:	Netherlands
Contact point :	nvt
Email:	info.rechtbanknoordnederland@rechtspraak.nl
Telephone:	+310883614444
Fax:	+310883614444
Internet address:	https://www.rechtspraak.nl/Organisatie-en-contact/Organisatie/Rechtbanken/Rechtbank-Noord-Nederland
Information exchange endpoint (URL):	https://www.rechtspraak.nl/Organisatie-en-contact/Organisatie/Rechtbanken/Rechtbank-Noord-Nederland

Roles of this organisation:

Review organisation

Notice information

Notice identifier /version:	7e06cfe4-e125-4075-9c09-0edd18ef8579 - 01
Form type:	Competition
Notice type:	Prior information notice or a periodic indicative notice used as a call for competition – standard regime
Notice dispatch date :	24/08/2026 07:25 +00:00
Notice dispatch date (eSender):	24/08/2026 07:27 +00:00
Languages in which this notice is officially available:	English

Rijksoverheid