1. Buyer

1.1 Buyer

Official name:	Stichting Nederlandse Wetenschappelijk Onderzoek Instituten (NWO-I)
Legal type of the buyer:	Body governed by public law
Activity of the contracting authority:	Education

2. Procedure

2.1 Procedure

Title:	Ultra-stable Optical Tweezers Microscope
Description:	Technologies for the manipulation and sensing of individual molecules has been developed in recent years, which allow for the quantification of conformational transitions, forces, and energies. This manipulation ability can now be combined with single-molecule fluorescence detection, which enables direct detection of bound molecular species. The aim of the investment is to meet the demands for these state-of-the-art single-molecule studies, at the highest force resolution and stability in time, light sensitivity, and novel microfluidic flow capabilities. For this purpose, a new optical tweezers instrument will be purchased, which will be installed in the laboratory at AMOLF. 1 ultra-stable Optical Tweezers Microscope
Procedure identifier:	86af1bab-6094-49dc-81e6-492fdb8b04ee
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):	38634000 Optical microscopes

2.1.2 Place of performance

Country:	Netherlands

Anywhere in the given country

Additional information:	Amsterdam

2.1.4 General information

Legal basis:

Directive 2014/24/EU

5. Lot

5.1 Lot technical ID: LOT-0000

Title:	Ultra-stable Optical Tweezers Microscope
	Technologies for the manipulation and sensing of individual molecules has been developed in recent years, which allow for the quantification of conformational

Description:	transitions, forces, and energies. This manipulation ability has now been developed in a way that it can be combined with single-molecule fluorescence detection, which enables direct detection of bound molecular species. The aim of this investment is to meet the demands for state-of-the-art single-molecule manipulation studies, at the highest force resolution and stability in time, and novel microfluidic flow capabilities. For this purpose, a new optical tweezers instrument will be purchased, which will be installed in the laboratory at AMOLF. 1 Ultra-stable Optical Tweezers Microscope
Internal identifier:	1

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:	Amsterdam

5.1.3 Estimated duration

Duration:	6 Month

5.1.6 General information

Procurement Project not financed with EU Funds.

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

5.1.7 Strategic procurement

Aim of strategic procurement:	No strategic procurement

5.1.10 Award criteria

Criterion:	
Type:	Price
Name:	Laagste prijs
Description:	Laagste prijs
Category of award threshold criterion:	Weight (points, exact)
Award criterion number:	0

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:	Stichting Nederlandse Wetenschappelijk Onderzoek Instituten (NWO-I) - Rechtbank Amsterdam
Organisation providing additional information about the procurement procedure:	Stichting Nederlandse Wetenschappelijk Onderzoek Instituten (NWO-I)
Organisation providing more information on the review procedures:	Stichting Nederlandse Wetenschappelijk Onderzoek Instituten (NWO-I)
Organisation signing the contract:	Stichting Nederlandse Wetenschappelijk Onderzoek Instituten (NWO-I)

6. Results

Value of all contracts awarded in this notice:	290 000 Euro
Direct award:	
Justification for direct award:	Specific exclusions for service contracts
Other justification:	Technologies for the manipulation and sensing of individual molecules has been developed in recent years, which allow for the quantification of conformational transitions, forces, and energies. This manipulation ability has now been developed in a way that it can be combined with single-molecule fluorescence detection, which enables direct detection of bound molecular species. The aim of this investment is to meet the demands for state-of-the-art single-molecule manipulation studies, at the highest force resolution and stability in time, and novel microfluidic flow capabilities. For this purpose, a new optical tweezers instrument will be purchased, which will be installed in the laboratory at AMOLF.

6.1 Result lot Identifier: LOT-0000

6.1.2 Information about winners

Winner:	
Official name:	LUMICKS B.V.
Tender:	
Tender identifier:	1
Identifier of lot or group of lots:	LOT-0000
Value of the	

tender:	290 000 Euro
The tender was ranked:	no
Subcontracting:	No

Contract information:

Identifier of the contract:	CON-0001
Title:	P1 Ultra-stable Optical Tweezers Microscope
Organisation signing the contract:	Stichting Nederlandse Wetenschappelijk Onderzoek Instituten (NWO-I)

8. Organisations

8.1 ORG-0001

Official name:	Stichting Nederlandse Wetenschappelijk Onderzoek Instituten (NWO-I)
Registration number:	111590197
Department:	AMOLF
Postal address:	Science Park 104
Town:	Amsterdam
Postcode:	1098 XG
Country subdivision (NUTS):	Groot-Amsterdam (NL32B)
Country:	Netherlands
Contact point:	Freek Zijlstra
Email:	f.zijlstra@nwo.nl
Telephone:	+31 306001255
Internet address:	http://www.amolf.nl

Other contact points:

Official name:	Rechtbank Amsterdam
Town:	Amsterdam
Postcode:	1076AV
Country subdivision (NUTS):	Groot-Amsterdam (NL32B)
Country:	Netherlands
Email:	cb.amsterdam@rechtspraak.nl
Telephone:	+31 883617000
Internet address:	http://www.rechtspraak.nl

Roles of this organisation:

Buyer

Organisation providing additional information about the procurement procedure

Review organisation

Organisation providing more information on the review procedures

Organisation signing the contract

8.1 ORG-0002

Official name:	LUMICKS B.V.
Size of the economic operator:	Large
Registration number:	60187263
Department:	AMOLF
Postal address:	Paalbergweg 3
Town:	Amsterdam
Postcode:	1105AG
Country subdivision (NUTS):	Groot-Amsterdam (NL32B)
Country:	Netherlands

Roles of this organisation:

Tenderer

Winner of these lots:	LOT-0000

Notice information

Notice identifier /version:	a9dc2c60-9efc-433d-b853-2106512ebbd5 - 01
Form type:	Direct award preannouncement
Notice type:	Voluntary ex-ante transparency notice
Notice dispatch date:	20/06/2025 14:44 +02:00
Languages in which this notice is officially available:	English