

02/07/2024

1. Buyer

1.1 Buyer

Official name: Universiteit Utrecht

Legal type of the buyer: Body governed by public law

Activity of the contracting authority: Education

2. Procedure

2.1 Procedure

Title: The supply, installation and maintenance of a confocal STED/FLIM/FCS microscope with adaptive optics for the Faculty of Science

Description: Utrecht University's Faculty of Sciences wants to buy a confocal STED/FLIM/FCS microscope with adaptive optics for the purpose of research within the Department of Biology, division of Cell Biology, Neurobiology and Biophysics. The estimated value is € 750.000,- excluding VAT for the delivery, installation, warranty and initial maintenance period.

Procedure identifier: 183e6966-c3a1-4e22-915d-38a883bc0103

Internal identifier: 24/1000.1002/002

Type of procedure: Negotiated without prior call for competition

2.1.1 Purpose

Nature of the contract: Supplies

Main classification (cpv): 38510000Microscopes

2.1.2 Place of performance

Country subdivision (NUTS): Utrecht(NL310)

Country: Netherlands

Additional information: Utrecht

2.1.4 General information

Legal basis: Directive 2014/24/EU

5. Lot

5.1 Lot:LOT-0000

Title: The supply, installation and maintenance of a confocal STED/FLIM/FCS microscope with adaptive optics for the Faculty of Science

Description: The subject of the tender concerns the delivery, installation and maintenance of a confocal STED/FLIM/FCS microscope with adaptive optics for research purposes at the Faculty of Sciences. Supply, installation and maintenance includes: • The supply of the apparatus and equipment on site of the Utrecht University, including necessary permits for import and transport. • Placing the apparatus and equipment in the intended space. • Installation and turnkey delivery of the apparatus and equipment. • Performing a Site Acceptance Test (SAT). We check if the system fulfills and will keep to fulfill our requirements. • Training the employees of the Utrecht University to use the hardware and software. • Disposal of packaging. • Carry out software and hardware upgrades and updates. • Yearly preventive maintenance of the complete system. • Corrective maintenance based on recalculation. The estimated value is € 750.000,- excluding VAT for the delivery, installation, warranty and initial maintenance period.

Internal identifier: 1

5.1.1 Purpose

Nature of the contract: Supplies

Main classification (cpv): 38510000Microscopes

5.1.2 Place of performance

Country subdivision (NUTS): Utrecht(NL310)

Country: Netherlands

Additional information: Utrecht

5.1.3 Estimated duration

Duration: 180MONTH

5.1.6 General information

Procurement Project not financed with EU Funds.

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

5.1.10 Award criteria

Criterion:

Type: Price

Name: 1

Description: Prijs

Weight (points, 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: Universiteit Utrecht

Organisation
providing
additional
information about the
procurement
procedure:

Universiteit Utrecht

Organisation
providing
more
information on the
review
procedures:

Universiteit Utrecht

Organisation
signing the
contract:

Universiteit Utrecht

6. Results

Value of all
contracts
awarded in
this
procedure:

750 000EUR

Direct award:

Justification

for direct
award:

Service contract awarded on the basis of an exclusive right

Other
justification:

The confocal STED/FLIM/FCS microscope with adaptive optics of Abberior Instruments GmbH has a combination of necessary requirements for research at the Faculty of Sciences which makes the apparatus unique. The requirements are: • A proprietary automatic alignment feature, including full auto-alignment of all optical components. • An optimal SLM-mediated beam-shaping. With full 3D STED power applied, an isotropic resolution of less than 80nm can be achieved in all 3 dimensions. 2D resolution is close to 30nm. • The proprietary easy3D STED allows the use of any lenses (air, water, silicone oil, glycerine, oil, etc.) and focusing depths essentially up to the working distance of the lens used, usually several 100 µm, especially in conjunction with the adaptive optics module. • The INFINITY LINE is equipped with an array of highly sensitive single-photon avalanche diodes (SPAD) – the MATRIX detector. It allows free spectral detection in the visible range with open pinhole and the background contribution for every pixel is measured and subtracted using physical principles, thereby improving contrast. The Matrix detector also records a time-resolved photonstream, which can be analyzed with our Timebow Software, using phasor-plots, thus allowing channel separation based on lifetime, in addition to spectral separation. • The Infinity line also has standard (non-array) APD fully spectral detectors that have a QE of 65%. • The Infinity Line features a deformable mirror for all beams (Rayshape), including excitation, emission, and depletion. • Flexposure STED is an adaptive illumination technology that reduces the laser irradiation dose by orders of magnitude by intelligently adjusting the laser intensity during the scanning of the sample. • MINFIELD STED is a technology of the Max Planck Society, which is exclusively

licensed to Abberior Instruments. With MINFIELD STED, structures in small fields of view (FOV) can be imaged with resolutions in the order of 20 nm and without the imaged area itself being exposed to high intensities of the STED beam.

6.1 Result Lot Identifier: LOT-0000

6.1.2 Information about winners

8. Organisations

8.1 ORG-0001

Official name: Universiteit Utrecht

Registration number: 271574282

Postal address: Heidelberglaan 8

Town: Utrecht

Postcode: 3584 CS

Country subdivision (NUTS): Utrecht(NL310)

Country: Netherlands

Contact point : Rocky van Genderen

Email: iac@uu.nl

Telephone: +31 302531230

Internet address: <http://www.uu.nl>

Other contact points:

Official name: Rechtbank Midden Nederland (locatie Utrecht)

Postal address: Vrouwe Justitiaplein 1

Town: Utrecht

Postcode: 3511 EX

Country subdivision (NUTS): Utrecht(NL310)

Country: Netherlands

Contact point : Afdeling Civiel recht

Email: civiel.RB-MNL.Utrecht@rechtspraak.nl

Telephone: +31 883620000

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: Abberior Instruments GmbH

Size of the economic operator: large

Registration number: 00201844

Postal address: Hans-Adolf-Krebs-Weg 6

Town: Göttingen

Postcode: 37077

Country subdivision (NUTS): Extra-Regio NUTS 3(DEZZZ)

Country: Germany

Email: dummy@example.com

Telephone: +31 600000000

Roles of this organisation:

Tenderer

Group leader

11. Notice information

11.1 Notice information

Notice identifier a5ad5a5f-67f4-48f2-b5eb-7643e12bbfa6-01
/version:

Form type: Direct award preannouncement

Notice type: Voluntary ex-ante transparency notice

Notice dispatch date 02/07/2024 14:34 +02:00
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Languages in which this notice is officially available: English

11.2 Publication information