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 delivery, installation and maintenance of a Nanoindentation system for the Faculty of Geosciences
Description:	The subject of the tender concerns the delivery, installation and maintenance of a Nanoindentation system for research purposes at the Faculty of Geosciences. The estimated value is € 500.000,- excluding VAT for the delivery, installation, warrantee and initial maintenance period.
Procedure identifier:	f255de5f-6a07-4463-ad66-44fea0433133
Internal identifier:	24/1000.1002/001
Type of procedure:	Negotiated without prior call for competition

2.1.1 Purpose

Nature of the contract:	Supplies
Main classification (cpv):	38300000Measuring instruments

2.1.2 Place of performance

Country:	Netherlands

Anywhere in the given country

Additional information:	Utrecht

2.1.4 General information

Legal basis:

Directive 2014/24/EU

5. Lot

5.1 Lot:LOT-0000

Title:	The delivery, installation and maintenance of a Nanoindentation system for the Faculty of Geosciences
	The subject of the tender concerns the delivery, installation and maintenance of a Nanoindentation system for research purposes at the Faculty of Geosciences. Supply, installation and maintenance includes: • The supply of the apparatus and equipment on site

Description:	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 € 500.000,- excluding VAT for the delivery, installation, warrantee and initial maintenance period.
Internal identifier:	1

5.1.1 Purpose

Nature of the contract:	Supplies
Main classification (cpv):	38300000Measuring instruments

5.1.2 Place of performance

Country:	Netherlands

Anywhere in the given country

Additional information:	Utrecht

5.1.3 Estimated duration

Duration:	180MONTH

5.1.6 General information

Procurement Project fully or partially financed with EU Funds.

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

5.1.10 Award criteria

Criterion:

Type:	Price
Name:	Price
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	Universiteit Utrecht

procurement procedure:	
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:	500 000EUR
Direct award:	
Justification for direct award:	Service contract awarded on the basis of an exclusive right
Other justification:	The Nanoindentation system of Bruker France SAS has a combination of necessary requirements for research at the Faculty of Geosciences which makes the apparatus unique. The requirements are: • Top-down in-situ Scanning Probe Microscopy (SPM) imaging using the indenter tip to provide topography images of the surface and test positioning accuracy of ±10 nm. • High-resolution hardness and modulus mapping at 12 indents /second for high-throughput testing and mapping large areas. • Nanoscale Dynamic Mechanical Testing (nano-DMA) with automated displacement amplitude tuning and dual lock-in amplifiers for 2nd-harmonic measurement of elastic-plastic and viscoelastic properties as a function of depth, frequency, and time. • Dynamic property mapping as a function of depth (“CMX-XPM”) providing depth-dependant hardness and modulus 3D maps (“data cube”). • Ultrafast 78 kHz feedback control loop rate for advanced control over the testing process. • Mixed mode load- and displacement-control. • Both low load (up to 10mN) and high load (up to 10N) indentation and scratch testing capability. • Encoded (100nm) motorised sample stage measuring 300x180mm providing a large accessible testing region and automated multi-sample testing. • Rapid sample mounting options included as standard including magnetic, mechanical, and vacuum. • Automatic tip-to-optics calibration for ease-of-use. • Sample chuck optics with auto-sample recognition to further automate operation of the system. • Advanced machine-learning clustering algorithms built-in to the supplied analysis software for fast and reliable data analysis. • Sample and tip heating stage with maximum temperature of 800°C which incorporates a micro-environment for guaranteed tip/sample temperature equilibrium and the ability to test under customisable gaseous atmospheres. The heating stage can be expanded to enable low temperature and humidity-controlled measurements with upgrade. This notice is only used to make the intended choice of procedure known to the market in advance in order to give interested parties the opportunity to express any objections. If, despite the above justification, interested parties wish to object to the above proposal, they must submit a reasoned objection to the continuation of this procedure within a period of 20 calendar days (at the latest 14 March 2024) after publication of this notice. For this you can contact Rocky van Genderen via r.m.vangenderen@uu.nl. Utrecht University will take any objection into account in its consideration. If, despite our explanation/response to your

questions or objections, you are unable to agree with this notice, you can submit summary proceedings to the Midden-Nederland District Court in Utrecht. You must do so within 20 calendar days of the publication of this notice. If no objection has been made during this period, the rights of companies to challenge the proposed procedure lapse.

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:	Bruker France SAS
Size of the economic operator:	large
Registration number:	311020911
Postal address:	rue de l’Industrie 34
Town:	WISSEMBOURG Cedex
Postcode:	67166
Country subdivision (NUTS):	Bas-Rhin(FRF11)
Country:	France
Email:	dummy@example.com
Telephone:	+31 600000000

Roles of this organisation:

Tenderer

Group leader

11. Notice information

11.1 Notice information

Notice identifier /version:	0b228209-ba8e-416e-a47b-2a3140222612-01
Form type:	Direct award preannouncement
Notice type:	Voluntary ex-ante transparency notice
Notice dispatch date:	2024-02-23+01:0015:27:30.664721+01:00
Languages in which this notice is officially available:	English

11.2 Publication information