

05/04/2024

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 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, warranty 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

The procedure is accelerated: No

Main features of the procedure: 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 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.

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

2.1.3 Value

Estimated
value
excluding
VAT: 500 000EUR

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

Description: 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 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(38300000Measuring instruments
cpv):

5.1.2 Place of performance

Country: Netherlands

Anywhere in the given country

Additional
information: Utrecht

5.1.3 Estimated duration

Duration: 180MONTH

5.1.5 Value

Estimated
value
excluding
VAT: 500 000EUR

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

Electronic auction:

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: 500 000EUR

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

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

Other justification: 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.

6.1 Result Lot Identifier: LOT-0000

At least one winner was chosen.

6.1.2 Information about winners

Winner:

Official name: Bruker France SAS

Tender:

Tender identifier: 1

Identifier of lot or group of lots: LOT-0000

Value of the result: 500 000EUR

Subcontracting no:

Contract information:

Identifier of the contract: CON-0001

Title: P1 The delivery, installation and maintenance of a Nanoindentation system for the Faculty of Geosciences

Date of the conclusion of the contract: 2024-02-22+01:00

The contract is awarded within a framework agreement: false

Organisation signing the contract: Universiteit Utrecht

6.1.4 Statistical information

Received tenders or requests to participate:

Type of

received Tenders from micro, small or medium tenderers
submissions:
Number of
tenders or
requests to 0
participate
received:

Type of
received Tenders
submissions:

Number of
tenders or
requests to 1
participate
received:

8. Organisations

8.1 ORG-0001

Official name: Universiteit Utrecht

Registration
number: 271574282

Postal address: Heidelberglaan 8

Town: Utrecht

Postcode: 3584 CS

Country
subdivision Utrecht(NL310)
(NUTS):

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 Utrecht(NL310)
(NUTS):

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

Winner of
these lots: LOT-0000

11. Notice information

11.1 Notice information

Notice
identifier f67fc5ec-154b-4942-8872-369db60caa82-01
/version:

Form type: Result

Notice type: Contract or concession award notice – standard regime

Notice
dispatch date: 2024-04-05+02:0015:19:29.389487+02:00

Languages in
which this
notice is
officially
available: English

11.2 Publication information