

VOLUNTARY EX ANTE TRANSPARENCY NOTICE

Supplies

Directive 2014/24/EU

SECTION I: CONTRACTING AUTHORITY/ENTITY

I.1) NAME AND ADDRESSES

Official name:

Universiteit Leiden

National ID:

27368929

Postal address:

Postbus 905

Town:

Leiden

NUTS code:

NL

Postal code:

2300 AX

Country:

NL

Contact person:

Universiteit Leiden

Telephone:

+31 715273304

E-mail:

inkoop@ufb.leidenuniv.nl

Fax:

-

Internet address(es)

Main address:

<https://www.universiteitleiden.nl/>

Address of the buyer profile:

<https://platform.negometrix.com/PublishedTenders.aspx?tenderid=211027>

I.4) TYPE OF THE CONTRACTING AUTHORITY

Body governed by public law

I.5) MAIN ACTIVITY

Other activity: Scientific research and higher education

SECTION II: OBJECT

II.1) SCOPE OF THE PROCUREMENT

II.1.1) Title

Nano-UHPLC-MS system

Reference number: -

II.1.2) CPV code(s)

Main code:

38433100 - Massaspectrometers

Supplementary code:

-

II.1.3) Type of contract

Supplies

II.1.4) Short description

This publication is to indicate our intention to award the contract to Bruker for a timsTOF HT mass spectrometer with nanoElute2 nano-UHPLC system. See the attached document for the justification.

II.1.6) Information about lots

This contract is divided into lots: no

II.1.7) Total value of the procurement (excluding VAT)

Value: 700 000,00

Currency: EUR

II.2) DESCRIPTION

II.2.1) Title

-

Lot No: -

II.2.2) Additional CPV code(s)

-

II.2.3) Place of performance

NUTS code:

NL NEDERLAND

Main site or place of performance:

Leiden

II.2.4) Description of the procurement:

(nature and quantity of works, supplies or services or indication of needs and requirements)

The Leiden Institute of Chemistry (LIC) seeks to purchase a state-of-the-art ultrahigh-performance liquid chromatography coupled to mass spectrometry (nano-UHPLC-MS) system for the performance of specific proteomic and chemical proteomic experiments. At our institute diverse (chemical) proteomic workflows need to be performed for our research in the field of Chemical Biology. The newly purchased instrument must be able to enable all of these applications.

II.2.5) Award criteria

-

II.2.11) Information about options

Options: no

II.2.13) Information about European Union funds

The procurement is related to a project and/or programme financed by European Union funds: no

II.2.14) Additional information:

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SECTION IV: PROCEDURE

IV.1) DESCRIPTION

IV.1.1) Type of procedure

Negotiated procedure without prior publication

IV.1.3) Information about framework agreement

-

IV.1.8) Information about the Government Procurement Agreement (GPA)

The procurement is covered by the Government Procurement Agreement: yes

IV.2) ADMINISTRATIVE INFORMATION

IV.2.1) Previous publication concerning this procedure

Notice number in the OJ S: -

SECTION V: AWARD OF CONTRACT / CONCESSION

Contract No: 1

Lot No: 1

Title: timsTOF HT mass spectrometer with nanoElute2 nano-UHPLC

V.2) AWARD OF CONTRACT / CONCESSION

V.2.1) Date of conclusion of the contract/concession award decision:

04/11/2022

V.2.2) Information about tenders

The contract has been awarded to a group of economic operators: no

V.2.3) Name and address of the contractor/concessionaire

Official name:

Bruker Nederland BV

National ID:

-

Postal address:

-

Town:

Leiderdorp

NUTS code:

NL

Postal code:

-

Country:

NL

Telephone:

-

E-mail:

-

Fax:

-

Internet address:

-

The contractor/concessionaire is an SME: no

V.2.4) Information on value of the contract/lot/concession (excluding VAT)

Initial estimated total value of the contract/lot/concession:

-

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Total value of the contract/lot/concession: 700 000,00

Currency: EUR

V.2.5) Information about subcontracting

-

SECTION VI: COMPLEMENTARY INFORMATION

VI.3) ADDITIONAL INFORMATION

This publication is to indicate our intention to award the contract to Bruker. If no representations are received within 20 days after this publication, the contract will be awarded.

VI.4) PROCEDURES FOR REVIEW

VI.4.1) Review body

Official name:

Rechtbank Den Haag

Postal address:

-

Town:

Den Haag

Postal code:

-

Country:

NL

E-mail:

-

Telephone:

-

Internet address:

-

Fax:

-

VI.4.2) Body responsible for mediation procedures

-

VI.4.3) Review procedure

Precise information on deadline(s) for review procedures:

Within 20 days after this publication.

VI.4.4) Service from which information about the review procedure may be obtained

-

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VI.5) DATE OF DISPATCH OF THIS NOTICE

07/11/2022

ANNEX D1 – GENERAL PROCUREMENT: JUSTIFICATION FOR THE AWARD OF THE CONTRACT WITHOUT PRIOR PUBLICATION OF A CALL FOR COMPETITION IN THE OFFICIAL JOURNAL OF THE EUROPEAN UNION

Directive 2014/24/EU

D1.1) Justification for the choice of the negotiated procedure without prior publication of a call for competition in accordance with Article 32 of Directive 2014/24/EU

The works, supplies or services can be provided only by a particular economic operator for the following reason:

- absence of competition for technical reasons

D1.3) Explanation

Please explain in a clear and comprehensive manner why the award of the contract without prior publication in the Official Journal of the European Union is lawful, by stating the relevant facts and, as appropriate, the conclusions of law in accordance with the directive: The Leiden Institute of Chemistry (LIC) seeks to purchase a state-of-the-art ultrahigh-performance liquid chromatography coupled to mass spectrometry (nano-UHPLC-MS) system for the performance of specific proteomic and chemical proteomic experiments. At our institute diverse (chemical) proteomic workflows need to be performed for our research in the field of Chemical Biology. The newly purchased instrument must be able to enable all of these applications. Specifically, we need to perform the following experiments:

- Full proteome profiling experiments for e.g. expression proteomics. For these experiments a high coverage and, therefore, high scan rate are needed in order to identify and quantify a sufficiently high number of different peptides derived from various proteins. In this context, using an ion mobility dimension for additional confidence in protein identifications through the determination of collisional cross section values (4D proteomics) and for background reduction of e.g. +1-charged ions is needed. Furthermore, data-independent approaches need to be enabled to further allow increasing the information content of the analysis.
- Chemical proteomics of enriched samples e.g. of activity-based protein profiling (ABPP) workflows. For these experiments, high sensitivity for the detection of unmodified peptides is needed due to the often limited sample amounts and concentrations. Furthermore, a high

dynamic range and robustness are needed as the final samples have widely varying peptide concentrations and as high concentrations of e.g. streptavidin contaminations are often encountered in the samples that otherwise mask the enriched peptides-of-interest.

- Residue-specific chemical proteomics e.g. using isoDTB-ABPP experiments. For these experiments, peptides modified with a wide range of chemical modifications need to be detected, quantified and the modifications localized. Here, an ion mobility separation dimension is needed to differentiate isomeric, and therefore isobaric, modified peptides that coelute from the nano-UHPLC. Furthermore, vastly varying sample loads are encountered, so that scan speed, sensitivity, dynamic range and robustness are key needed features. Due to the complexity of the analysis of modified peptides and especially of identifying and localizing their modifications, these experiments require state-of-the-art data-dependent acquisition schemes with high scan rates and high resolution also on the MS/MS level.