

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=211025>

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

Inductively Coupled Plasma Mass Spectrometer

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 done to indicate our intention to award the contract to Perkin-Elmer and their NexION 5000 ICP-MS Setup because of technical reasons.

II.1.6) Information about lots

This contract is divided into lots: no

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

Value: 250 000,00

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 wishes to purchase an ICP-MS setup (Inductively Coupled Plasma Mass Spectrometer) for its electrochemistry lab. The primary purpose of this setup is to detect and measure the concentration of ions and nanoparticles within the electrolyte of electrochemical cells up to very low concentrations (ppt-ppq). This requires unique capabilities and accuracy, that can only be provided by the highly sophisticated and state-of-the-art design of the Perkin Elmer NexION 5000. In this unique statement, we will elaborate that only the NexION 5000 4 Quadrupole design meets our research requirements.

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:

-

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: NexION 5000 ICP-MS Setup

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:

PerkinElmer

National ID:

-

Postal address:

-

Town:

Groningen

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:

-

09/11/2022

[I. II. IV. V. VI. D1.](#)

Total value of the contract/lot/concession: 250 000,00

Currency: EUR

V.2.5) Information about subcontracting

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SECTION VI: COMPLEMENTARY INFORMATION

VI.3) ADDITIONAL INFORMATION

This publication is done to indicate our intention to award the contract to PerkinElmer. If no representations are received within 20 days after 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 publication.

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

-

09/11/2022

[I. II. IV. V. VI. D1.](#)

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 wishes to purchase an ICP-MS setup (Inductively Coupled Plasma Mass Spectrometer) for its electrochemistry lab. The primary purpose of this setup is to detect and measure the concentration of ions and nanoparticles within the electrolyte of electrochemical cells up to very low concentrations (ppt-ppq). This requires unique capabilities and accuracy, that can only be provided by the highly sophisticated and state-of-the-art design of the PerkinElmer NexION 5000. In this unique statement, we will elaborate that only the NexION 5000 4 Quadrupole design (Figure 1) meets our research requirements. Inductively Coupled Plasma – Mass Spectrometry is a highly effective tool to investigate the traces of elements present in a medium. In order to perform a measurement, a sample is introduced into the setup through an autosampler. The instrument then transforms this sample into a conductive plasma by inductive heating using a radio frequency (RF) generator. The plasma is then passed through a series of charged quadrupoles to separate the ions according to their mass-to-charge (m/z) ratio and measure their concentrations using an ion detector. Our ICP-MS instrument is intended to be used in series with an electrochemical flow cell, where it can measure and detect the concentrations of the metal ions being introduced into the electrolyte in real-time. The main application would be to measure very low concentrations of metal

ions and nanoparticles that come off of the electrode during corrosion in aqueous electrolytes containing high concentration of salts/acids. For the instrument to produce consistent measurements in terms of both concentration of the investigated species as well as the nanoparticle size, it should not only have very low and accurate detection limits (ppt-ppq), but also be able to eliminate interference from undesired species and water vapors as much as possible. In addition, the instrument should be able to deal with the high salt concentrations in the electrolytes with minimal maintenance requirements. The Perkin Elmer NexION 5000 is the only instrument that meets all of these requirements.

See document on Negometrix for the complete justification.