

Finland-Lappeenranta: Laboratory, optical and precision equipments (excl. glasses)

OJ S 131/2021 09/07/2021

Contract notice

Supplies

Legal Basis:

Directive 2014/24/EU

Section I: Contracting authority

I.1. Name and addresses

Official name: Lappeenranta-Lahden teknillinen yliopisto LUT

National registration number: 0245904-2

Postal address: Yliopistonkatu 34

Town: Lappeenranta

NUTS code: FI Suomi / Finland

Postal code: 53850

Country: Finland

Contact person: Taija Pusa

E-mail: hankinnat@lut.fi

Telephone: +358 505399556

Internet address(es):

Main address: <http://www.lut.fi>

I.3. Communication

The procurement documents are available for unrestricted and full direct access, free of charge, at: <https://tarjouspalvelu.fi/hanki?id=357119&tpk=3c25de25-bc04-43a9-a26d-991d0f942a2b>

Additional information can be obtained from the abovementioned address

Tenders or requests to participate must be submitted electronically via: <https://tarjouspalvelu.fi/hanki?id=357119&tpk=3c25de25-bc04-43a9-a26d-991d0f942a2b>

I.4. Type of the contracting authority

Body governed by public law

I.5. Main activity

Education

Section II: Object

II.1. Scope of the procurement

II.1.1. Title

High Pressure Catalytic Gas Phase Reactor

II.1.2. Main CPV code

38000000 Laboratory, optical and precision equipments (excl. glasses)

II.1.3. Type of contract

Supplies

II.1.4. Short description

The object of the Invitation to Tender is a laboratory scale high pressure catalytic gas phase reactor.

II.1.5. Estimated total value

II.1.6. Information about lots

This contract is divided into lots: no

II.2. Description

II.2.3. Place of performance

NUTS code: FI Suomi / Finland

Main site or place of performance: Lappeenranta.

II.2.4. Description of the procurement

Lappeenranta-Lahti University of Technology (LUT) School of Engineering Science (LENS) has expertise in separation processes from lab to pilot scales. Recently, LUT has planned to focus on gas separation research to turn air emissions into value-added products. For this aim, LUT desires to extend its lab infrastructure to include research related to gas processing using the reaction set up. The proposed set up will be used for the catalytic gas phase reactions such as that used in CO₂ utilisation, including but not limited to hydrogenation, and Fisher-Tropsch. This set-up should be able at laboratory scale capable of operate safely in a container type lab space and should fulfil all the requirements described in the minimum criteria.

The desired experimental set-up should be capable of performing gas phase reactions at high temperature and high pressure using different catalysts. The set-up should mix desired gas composition from pure gases and vapors for the feed stream, measure and control the flow rate of the feed stream and calculates the reaction performance using input/output data. The set up should measure, temperature, pressure, and composition of different streams and of different units (such as reactor, or separator).

II.2.5. Award criteria

Price is not the only award criterion and all criteria are stated only in the procurement documents

II.2.6. Estimated value

II.2.7. Duration of the contract, framework agreement or dynamic purchasing system

Start: 01/09/2021

This contract is subject to renewal: no

II.2.10. Information about variants

Variants will be accepted: no

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

Open procedure

IV.1.3. Information about a framework agreement or a dynamic purchasing system

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.2.2. Time limit for receipt of tenders or requests to participate

Date: 12/08/2021 Local time: 12:00

IV.2.3. Estimated date of dispatch of invitations to tender or to participate to selected candidates

IV.2.4. Languages in which tenders or requests to participate may be submitted

English

IV.2.6. Minimum time frame during which the tenderer must maintain the tender

Duration in months: 4 (from the date stated for receipt of tender)

IV.2.7. Conditions for opening of tenders

Date: 12/08/2021 Local time: 13:00

Section VI: Complementary information

VI.1. Information about recurrence

This is a recurrent procurement: no

VI.3. Additional information

VI.4. Procedures for review

VI.4.1. Review body

Official name: Markkinaoikeus

Postal address: Radanrakentajantie 5

Town: Helsinki

Postal code: 00520

Country: Finland

E-mail: markkinaoikeus@oikeus.fi

Telephone: +358 295643300

Internet address: <http://www.oikeus.fi/markkinaoikeus>

VI.5. Date of dispatch of this notice

06/07/2021