

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

OJ S 132/2021 12/07/2021

Contract notice

Supplies

**Legal Basis:**

Directive 2014/24/EU

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**Section I: Contracting authority**

**I.1. Name and addresses**

Official name: Lappeenrannan-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](mailto: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=357126&tpk=d529f2f8-a54b-4073-8ce8-05ffb606796e>

Additional information can be obtained from the abovementioned address

Tenders or requests to participate must be submitted electronically via: <https://tarjouspalvelu.fi/hanki?id=357126&tpk=d529f2f8-a54b-4073-8ce8-05ffb606796e>

**I.4. Type of the contracting authority**

Body governed by public law

**I.5. Main activity**

Education

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**Section II: Object**

**II.1. Scope of the procurement**

**II.1.1. Title**

Integrated Adsorption/Absorption Set up for Gas Separation

**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 integrated adsorption/absorption system for gas separation.

#### **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 expand its lab infrastructure to include research related to gas separation, including absorption, adsorption set ups. The proposed set up will be used for experiments such as CO<sub>2</sub> capture, air pollution control, and industrial gas separation projects. This set-up should be able to safely operating experiments at laboratory scale in a container type lab space and should fulfil all the requirements described in the minimum criteria.

The desired experimental set-up has to be able to separate different gas and vapor mixtures using contrasts in their adsorption (mainly) and absorption (optional) potentials onto solids and in liquids, respectively. The set-up can mix desired gas composition from pure gases and vapors for the feed stream, measure and control the flows of the feed stream and calculate the breakthrough conditions and effectiveness of the sorbent for different gas and vapor components.

#### **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**

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## **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**

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### **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](mailto:markkinaoikeus@oikeus.fi)

Telephone: +358 295643300

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

### **VI.5. Date of dispatch of this notice**

07/07/2021