

**Finland-Lappeenranta: X-ray inspection equipment**  
**OJ S 35/2023 17/02/2023**  
**Contract award notice**  
**Supplies**

**Legal Basis:**

Directive 2014/24/EU

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**Section I: Contracting authority**

**I.1. Name and addresses**

Official name: Lappeenranta-Lahti University of Technology LUT

National registration number: 0245904-2

Postal address: Yliopistonkatu 34

Town: Lappeenranta

NUTS code: FI1C5 Etelä-Karjala

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.4. Type of the contracting authority**

Body governed by public law

**I.5. Main activity**

Other activity: Research

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**Section II: Object**

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

**II.1.1. Title**

X-Ray Tomography Imaging System

**II.1.2. Main CPV code**

38582000 X-ray inspection equipment

**II.1.3. Type of contract**

Supplies

**II.1.4. Short description**

3D X-ray Computer Tomography imaging system for research and education purposes mostly in the field of electronics, and to an extent in mechanical engineering. The equipment will also be used for education and training purposes by the nuclear engineering laboratory of the energy engineering department.

**II.1.6. Information about lots**

This contract is divided into lots: no

### **II.1.7. Total value of the procurement**

Value excluding VAT: 296 250,00 EUR

## **II.2. Description**

### **II.2.3. Place of performance**

NUTS code: FI Suomi / Finland

Main site or place of performance: City: Lappeenranta

### **II.2.4. Description of the procurement**

3D X-ray Computer Tomography imaging system for research and education purposes mostly in the field of electronics, and to an extent in mechanical engineering.

The equipment will also be used for education and training purposes by the nuclear engineering laboratory of the energy engineering department.

Typical use cases of the equipment will include:

Electronics reliability research: Detection, identification and localization of defects in electronic components (including small surface-mount parts such as ceramic capacitors, IC packages and large semiconductor modules found in power electronics).

Electrical engineering research and education: Structural studies of components and small assemblies/devices.

Basic electronics education and prototype construction: non-routine inspection of solder joints.

Mechanical engineering: Structural inspection of 3D-printed metal parts.

As a part of the tendering process, LUT University provides you with a set of samples, on which you must carry out the assignments described in the attachment 1. Please request samples by 11 November 2022; [tommi.karkkainen@lut.fi](mailto:tommi.karkkainen@lut.fi).

### **II.2.5. Award criteria**

Quality criterion - Name: Quality / Weighting: 60

Price - Weighting: 40

### **II.2.11. Information about options**

Options: yes

Description of options:

Option for automatic sample changer capable of handling all samples in all Assignments, such that the sample changer is

a) ordered together with the imaging solution, and

b) ordered separately during 2023 and retrofitted to the solution

Various options for sample changers (e.g. different number of samples) can be offered.

Sample changer does not affect scoring. LUT University will either choose one of the options or decide to not include one. The price of the sample changer is not included in the price limit of 340 000 €. The price of the sample changer option must include all associated costs such as user training, installation, shipping and duties.

### **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.2.1. Previous publication concerning this procedure**

Notice number in the OJ S: [2022/S 211-606715](#)

##### **IV.2.8. Information about termination of dynamic purchasing system**

##### **IV.2.9. Information about termination of call for competition in the form of a prior information notice**

### **Section V: Award of contract**

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#### **Title:**

X-Ray Tomography Imaging System

A contract/lot is awarded: yes

#### **V.2. Award of contract**

##### **V.2.1. Date of conclusion of the contract**

01/02/2023

##### **V.2.2. Information about tenders**

Number of tenders received: 1

Number of tenders received from SMEs: 1

Number of tenders received by electronic means: 1

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

##### **V.2.3. Name and address of the contractor**

Official name: EP-TeQ

National registration number: DK27721214

Postal address: Niels Bohrs Vej 32, Stilling

Town: Skanderborg

NUTS code: DK Danmark

Postal code: 8660

Country: Denmark

The contractor is an SME: yes

##### **V.2.4. Information on value of the contract/lot**

Total value of the contract/lot: 296 250,00 EUR

##### **V.2.5. Information about subcontracting**

### **Section VI: Complementary information**

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#### **VI.3. Additional information**

## **VI.4. Procedures for review**

### **VI.4.1. Review body**

Official name: Markkinaoikeus

Postal address: Sörnäistenkatu 1

Town: Helsinki

Postal code: 00580

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**

14/02/2023