

Finland-Lappeenranta: X-ray inspection equipment

OJ S 211/2022 02/11/2022

Contract notice

Supplies

Legal Basis:

Directive 2014/24/EU

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

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/lut?id=419306&tpk=4461aebea-bea9-4fad-b002-b8de28f91086>

Additional information can be obtained from the abovementioned address

Tenders or requests to participate must be submitted electronically via: <https://tarjouspalvelu.fi/lut?id=419306&tpk=4461aebea-bea9-4fad-b002-b8de28f91086>**I.4. Type of the contracting authority**

Body governed by public law

I.5. Main activity

Other activity: Research

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.1.5. 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: 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.

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

Value excluding VAT: 340 000,00 EUR

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

Start: 09/01/2023

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: 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

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: 04/12/2022 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

Finnish, 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: 05/12/2022 Local time: 10:00

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: Sörnäistenkatu 1

Town: Helsinki
Postal code: 00580
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

28/10/2022