

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

OJ S 182/2022 21/09/2022

Contract notice

Supplies

Legal Basis:

Directive 2014/24/EU

Section I: Contracting authority

I.1. Name and addresses

Official name: University of Jyväskylä
National registration number: 0245894-7
Postal address: Seminaarinkatu 15
Town: Jyväskylän yliopisto
NUTS code: FI193 Keski-Suomi
Postal code: 40014
Country: Finland
E-mail: hankinnat@jyu.fi
Telephone: +358 142601211
Internet address(es):
Main address: <http://www.jyu.fi>

I.3. Communication

The procurement documents are available for unrestricted and full direct access, free of charge, at: <https://tarjouspalvelu.fi/jyu?id=408727&tpk=21b0098b-27c8-4bbc-9c06-1c7381a1f146>

Additional information can be obtained from the abovementioned address

Tenders or requests to participate must be submitted electronically via: <https://tarjouspalvelu.fi/jyu?id=408727&tpk=21b0098b-27c8-4bbc-9c06-1c7381a1f146>

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

Low-temperature scanning tunneling microscope (STM)
Reference number: 854/02.03.00.00/2022

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

University of Jyväskylä seeks a complete turn-key, stand-alone, low-temperature scanning tunneling microscope capable of operating at temperatures below 4.5 kelvin, including sample preparation facilities for research and scientific experiments at the University of Jyväskylä, Nanoscience center. The STM must contain optical access with high collection efficiency by mounting a lens (or mirror) with a piezo motor on the SPM stage under low temperature, and high vacuum. The STM may contain the capability of applying an external magnetic field without compromising the high collection efficiency as an option.

The system will be installed at the University of Jyväskylä, Nanoscience center.

Contracting authority (JYU) may suspend the procurement procedure if the tenders exceed the budget available for the procurement.

Prior references of supplying comparable systems are required.

II.1.5. Estimated total value

II.1.6. Information about lots

This contract is divided into lots: no

II.2. Description

II.2.2. Additional CPV code(s)

38514000 Darkfield and scanning probe microscopes

II.2.3. Place of performance

NUTS code: FI193 Keski-Suomi

Main site or place of performance: University of Jyväskylä, Nanoscience Center / Faculty of Mathematics and Science

II.2.4. Description of the procurement

University of Jyväskylä seeks a complete turn-key, stand-alone, low-temperature scanning tunneling microscope capable of operating at temperatures below 4.5 kelvin, including sample preparation facilities for research and scientific experiments at the University of Jyväskylä, Nanoscience center. The STM must contain optical access with high collection efficiency by mounting a lens (or mirror) with a piezo motor on the SPM stage under low temperature, and high vacuum. The STM may contain the capability of applying an external magnetic field without compromising the high collection efficiency as an option.

The system will be installed at the University of Jyväskylä, Nanoscience center.

Contracting authority (JYU) may suspend the procurement procedure if the tenders exceed the budget available for the procurement.

Prior references of supplying comparable systems are required.

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

Duration in months: 12

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:

The supplier may either provide a complete LT STM (supplying only stand-alone STM specified above is also possible) with all the external optical components and control electronics capable of performing Scanning Tunneling Luminescence (STML) and high stability tip-enhanced Raman scattering spectroscopy and imaging (TERS) or only LT STM without optical units.

Option I Optical unit: The external optical components (optical unit) and control electronics that are necessary for STML and TERS. Communication of the Raman/photoluminescence system with the STM system should be provided.

Option II Superconducting magnet (optional).

II.2.13. Information about European Union funds

The procurement is related to a project and/or programme financed by European Union funds: yes

Identification of the project: Call: ERC-2021-STG Proposal ID: 101039500 Title: Tailoring Quantum Matter on the Flatland Acronym: TITAN

II.2.14. Additional information

Section III: Legal, economic, financial and technical information

III.1. Conditions for participation

III.1.1. Suitability to pursue the professional activity, including requirements relating to enrolment on professional or trade registers

List and brief description of conditions:

According to tender documents.

III.1.2. Economic and financial standing

Selection criteria as stated in the procurement documents

III.1.3. Technical and professional ability

Selection criteria as stated in the procurement documents

III.2. Conditions related to the contract

III.2.2. Contract performance conditions

Contracting authority (JYU) may suspend the procurement procedure if the tenders exceed the budget available for the procurement.

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: 19/10/2022 Local time: 16:15

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: 6 (from the date stated for receipt of tender)

IV.2.7. Conditions for opening of tenders

Date: 20/10/2022 Local time: 09:30

Section VI: Complementary information

VI.1. Information about recurrence

This is a recurrent procurement: no

VI.2. Information about electronic workflows

Electronic invoicing will be accepted

VI.3. Additional information

This notice has links and/or attachments listed in <https://www.hankintailmoitukset.fi/en/public/procurement/75346/notice/108541>

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

16/09/2022