

Finland-Jyväskylän yliopisto: Laboratory, optical and precision equipments (excl. glasses)
OJ S 233/2022 02/12/2022
Contract award 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@ju.fi
Telephone: +358 142601211
Internet address(es):
Main address: <http://www.jyu.fi>

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.

II.1.6. Information about lots

This contract is divided into lots: no

II.1.7. Total value of the procurement

Value excluding VAT: 580 645,00 EUR

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.

II.2.5. Award criteria

Quality criterion - Name: Quality / Weighting: 10

Price - Weighting: 90

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 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.2.1. Previous publication concerning this procedure

Notice number in the OJ S: [2022/S 182-514514](#)

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

Contract No: 854/02.03.00.00/2022

Title:

Low-temperature scanning tunneling microscope (STM)

A contract/lot is awarded: yes

V.2. Award of contract

V.2.1. Date of conclusion of the contract

28/11/2022

V.2.2. Information about tenders

Number of tenders received: 3

Number of tenders received from SMEs: 3

Number of tenders received by electronic means: 3

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

V.2.3. Name and address of the contractor

Official name: nanoscore gmbh

National registration number: DE294531662

Postal address: Maisebachstr. 3

Town: GLASHUETTEN

NUTS code: DE718 Hochtaunuskreis

Postal code: 61479

Country: Germany

The contractor is an SME: yes

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

Initial estimated total value of the contract/lot: 580 645,00 EUR

Total value of the contract/lot: 580 645,00 EUR

V.2.5. Information about subcontracting

Section VI: Complementary information

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

29/11/2022