

Sweden-Linköping: Laboratory, optical and precision equipments (excl. glasses)

OJ S 127/2023 05/07/2023

Contract notice

Supplies

**Legal Basis:**

Directive 2014/24/EU

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**Section I: Contracting authority**

**I.1. Name and addresses**

Official name: Linköpings universitet

National registration number: 202100-3096

Postal address: Upphandlingsenheten

Town: Linköping

NUTS code: SE123 Östergötlands län

Postal code: 58183

Country: Sweden

Contact person: Helen Edholm

E-mail: [helen.edholm@liu.se](mailto:helen.edholm@liu.se)

**Internet address(es):**

Main address: <http://www.liu.se>

**I.3. Communication**

The procurement documents are available for unrestricted and full direct access, free of charge, at: <https://tendsign.com/doc.aspx?Uniqueld=affpzsqsbg&GoTo=Docs>

Additional information can be obtained from the abovementioned address

Tenders or requests to participate must be submitted electronically via: <https://tendsign.com/doc.aspx?Uniqueld=affpzsqsbg&GoTo=Tender>

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

Ministry or any other national or federal authority, including their regional or local subdivisions

**I.5. Main activity**

Education

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**Section II: Object**

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

**II.1.1. Title**

Superconducting nanowire single-photon detector

Reference number: ISY-2023-00035

**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**

## Scope and objective

The Quantum Technologies Laboratory at LiU intends to purchase a superconducting (nanowire) single-photon detector system, SNSPD, for use in the project National Quantum Communication Infrastructure in Sweden (NQCIS), grant no 101113375, funded by the European Commission, Vinnova and the Wallenberg Center for Quantum Technologies. The SNSPD system should contain four individual single-photon detectors, with additional room for adding more detectors in the future. The system should be able to operate continuously started in a simple turnkey fashion for as many hours as possible. The system should include everything that is needed for operation, including the cryostat, air-cooled compressor, vacuum pump, software for remote operation and electronics for processing multiple simultaneous detection events (coincidences).

### **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)**

38430000 Detection and analysis apparatus, 38431000 Detection apparatus

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

NUTS code: SE123 Östergötlands län

Main site or place of performance: Linköping

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

#### Scope and objective

The Quantum Technologies Laboratory at LiU intends to purchase a superconducting (nanowire) single-photon detector system, SNSPD, for use in the project National Quantum Communication Infrastructure in Sweden (NQCIS), grant no 101113375, funded by the European Commission, Vinnova and the Wallenberg Center for Quantum Technologies. The SNSPD system should contain four individual single-photon detectors, with additional room for adding more detectors in the future. The system should be able to operate continuously started in a simple turnkey fashion for as many hours as possible. The system should include everything that is needed for operation, including the cryostat, air-cooled compressor, vacuum pump, software for remote operation and electronics for processing multiple simultaneous detection events (coincidences).

A more detailed description of the procurement object and the requirements is presented in chapter 2, Specification of requirements.

The SNSPD system together with necessary licenses to software will hereinafter be called the System.

Tenderers must submit a tender including all aspects of specified requirements.

A contract consisting of the purchase of the System and detailed specifications on preventive maintenance, corrective maintenance, delivery of consumables and spare parts (the Contract) will be signed with one (1) supplier.

### **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: 120

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: 21/08/2023 Local time: 23:59

**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**

Tender must be valid until: 21/11/2023

**IV.2.7. Conditions for opening of tenders**

Date: 22/08/2023 Local time: 00:00

**Section VI: Complementary information**

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**VI.1. Information about recurrence**

This is a recurrent procurement: no

**VI.3. Additional information**

Merzell notice: <https://opic.com/id/affpzsqsbg>

**VI.4. Procedures for review**

**VI.4.1.**

**Review body**

Official name: Förvaltningsrätten i Linköping

Town: Linköping

Country: Sweden

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

30/06/2023