

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

OJ S 183/2023 22/09/2023

Contract award notice

Supplies

Legal Basis:

Directive 2014/24/EU

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

Internet address(es):

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

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

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.1.6. Information about lots

This contract is divided into lots: no

II.1.7. Total value of the procurement

Value excluding VAT: 1 790 940,00 SEK

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

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

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: [2023/S 127-403941](#)

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

A contract/lot is awarded: yes

V.2. Award of contract

V.2.1. Date of conclusion of the contract

31/08/2023

V.2.2. Information about tenders

Number of tenders received: 3

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

V.2.3. Name and address of the contractor

Official name: ID Quantique SA

National registration number: 22

Postal address: Chemin de la Marbrerie 3

Town: Geneva

NUTS code: CH013 Genève

Postal code: 1227

Country: Switzerland

E-mail: info@idquantique.com

Internet address: <http://www.idquantique.com>

The contractor is an SME: yes

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

Total value of the contract/lot: 1 790 940,00 SEK

V.2.5. Information about subcontracting

Section VI: Complementary information

VI.3. Additional information

MerCell notice: <https://opic.com/id/afdcuavbd>

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

19/09/2023