

Finland-Jyväskylä: Machinery for liquefying air or other gases
OJ S 30/2023 10/02/2023
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: Jyväskylä
NUTS code: FI193 Keski-Suomi
Postal code: 40100
Country: Finland
E-mail: hankinnat@jyu.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

Helium recovery system
Reference number: 724/02.03.00.00/2022

II.1.2. Main CPV code

42511200 Machinery for liquefying air or other gases

II.1.3. Type of contract

Supplies

II.1.4. Short description

University of Jyväskylä (JYU) seeks a helium recovery system consisting of a helium gas collection unit, a liquid nitrogen based helium purifying unit and a helium liquefier unit. The helium recovery system must be dimensioned for minimum 55 litres of liquefied helium per day and high degree of computer-aided automation in operations. The system needs to be fully metallic with storage tanks suitable for outdoor placement under wind shelter.

II.1.6. Information about lots

This contract is divided into lots: no

II.1.7. Total value of the procurement

Value excluding VAT: 439 630,00 EUR

II.2. Description

II.2.2. Additional CPV code(s)

42511200 Machinery for liquefying air or other gases

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 (JYU) seeks a helium recovery system consisting of a helium gas collection unit, a liquid nitrogen based helium purifying unit and a helium liquefier unit. The helium recovery system must be dimensioned for minimum 55 litres of liquefied helium per day and high degree of computer-aided automation in operations. The system needs to be fully metallic with storage tanks suitable for outdoor placement under wind shelter that is mostly protected from direct sunlight, temperature can vary between -40 C and +40 C.

The helium recovery system includes helium collection, purification and liquefaction units. Surrounding infrastructure such as helium collection lines, electricity and cooling water exist and are not part of this call for tenders. The system must have documented ability to provide helium recovery rates > 95%. All components of the recovery system must be new. Used or refurbished components are not accepted.

The system will be installed at the Nanoscience Center at the University.

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 tender should include options for helium gas collection meters suitable for monitoring the return from different measurement systems connected to the collection line.

The tender should include options for back-pressure regulation on the collection line for measurement setups that are sensitive to pressure fluctuations (e.g. NMR systems).

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: [2022/S 184-518308](#)

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: 724/02.03.00.00/2022

Title:

Helium recovery system

A contract/lot is awarded: yes

V.2. Award of contract**V.2.1. Date of conclusion of the contract**

12/01/2023

V.2.2. Information about tenders

Number of tenders received: 1

Number of tenders received from SMEs: 1

Number of tenders received from tenderers from non-EU Member States: 1

Number of tenders received by electronic means: 1

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

V.2.3. Name and address of the contractor

Official name: Quantum Technology Corp.

National registration number: 00000000

Postal address: Unit 4 - 38936 Queens Way

Town: Squamish, BC

NUTS code: CA Canada

Postal code: V8B 0V2

Country: Canada

The contractor is an SME: yes

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

Total value of the contract/lot: 439 630,00 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

06/02/2023