

Finland-Jyväskylän yliopisto: Laboratory, optical and precision equipments (excl. glasses)
OJ S 13/2020 20/01/2020
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: kirjaamo@jyu.fi
Telephone: +358 142601211
Internet address(es):
Main address: <http://www.jyu.fi>

I.4. Type of the contracting authority

Other type: University

I.5. Main activity

Education

Section II: Object

II.1. Scope of the procurement

II.1.1. Title

Cryogen-free Dilution Refrigerator
Reference number: 1011/02.08.00.00/2019

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

Fully operational dry (no liquid helium needed) dilution refrigerator (DR) with gas handling system and computer control. Turn-the-key delivery: all equipment needed to run the system as well as all needed supporting structures, floor mounts, etc. delivered with the system. Required helium-mixture should also be included. Base temperature must be below 10 mK with all factory installed wiring and the cooling power at 20 mK should be 14 μ W or higher.

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.1.6. Information about lots

This contract is divided into lots: no

II.1.7. Total value of the procurement

Value excluding VAT: 425 500,00 EUR

II.2. Description

II.2.3. Place of performance

NUTS code: FI193 Keski-Suomi

Main site or place of performance: University of Jyväskylä, Nanoscience Center/Department of Physics.

II.2.4. Description of the procurement

Fully operational dry (no liquid helium needed) dilution refrigerator with gas handling system and computer control. Turn-the-key delivery: all equipment needed to run the system as well as all needed supporting structures, floor mounts, etc. delivered with the system. Installation and testing of the system at installation location should be included. Required helium-mixture should also be included. There should be automated (computer controlled) cool down and warm up procedures with possibility to switch system to manual control. Temperature PID control below 100 mK must be able to maintain less than 1 mK accuracy of the temperature. Base temperature must be below 10 mK with all factory installed wiring and the cooling power at 20 mK should be 14 μ W or higher, at 100 mK 400 μ W or higher and at 4,2 K 1,8 W or higher. Cool down time should not exceed 24 hours.

II.2.5. Award criteria

Quality criterion - Name: Quality / Weighting: 30

Price - Weighting: 70

II.2.11. Information about options

Options: yes

Description of options:

Option to include an integrated superconducting, possibly vector, magnet at a later date.

Vibration isolation options.

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: Horizon 2020 Grant Agreement number: 852428

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: [2019/S 233-571013](#)

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

Title:

Cryogen-free Dilution Refrigerator

A contract/lot is awarded: yes

V.2. Award of contract

V.2.1. Date of conclusion of the contract

14/01/2020

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 other EU Member States: 0

Number of tenders received from tenderers from non-EU Member States: 0

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: Bluefors Oy

National registration number: FI21832199

Postal address: Arinatie 10

Town: Helsinki

NUTS code: FI1B1 Helsinki-Uusimaa

Postal code: 00370

Country: Finland

E-mail: sales@bluefors.com

Telephone: +358 956174800

Internet address: <https://bluefors.com/>

The contractor is an SME: no

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

Total value of the contract/lot: 425 500,00 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: Radanrakentajantie 5

Town: Helsinki

Postal code: 00520

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

17/01/2020