

PRIOR INFORMATION NOTICE

Supplies

Directive 2014/24/EU

This notice is for prior information only

SECTION I: CONTRACTING AUTHORITY

I.1) NAME AND ADDRESSES

Official name:

Technische Universiteit Delft

National ID:

27364265

Postal address:

Stevinweg 1 5e etage

Town:

Delft

NUTS code:

NL

Postal code:

2628CN

Country:

NL

Contact person:

Rick Veraar

Telephone:

+31 152788577

E-mail:

D.A.Veraar@tudelft.nl

Fax:

-

Internet address(es)

Main address:

<http://www.tudelft.nl>

Address of the buyer profile:

<https://s2c.mercell.com/buyer/7487>

I.2) JOINT PROCUREMENT

-

I.3) COMMUNICATION

Additional information can be obtained from

the abovementioned address

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

10998 - Cryogenic setup for novel hybrid qubits

Reference number: 10998

II.1.2) CPV code(s)

Main code:

38000000 - Laboratoriuminstrumenten, optische en precisie-instrumenten (uitgezonderd brillen)

Supplementary code:

-

II.1.3) Type of contract

Supplies

II.1.4) Short description

A measurement set-up is sought that allows for operating a range of novel hybrid superconducting/semiconductor qubits with the highest fidelities for a joint project between the labs of Srijit Goswami and Christian Kraglund Andersen. These qubit must be operated in magnetic fields with RF and DC control. Additionally, the fridge must have space for additional cryogenic component away from the primary sample. Good samples may be required to stay cold for up to a year for full characterization and exploration. The purchase is part of a 4 year project and must be delivered within the first year with full warrenty for at least 3 years to ensure successful completion of the project. This consultation aims to gain insight into the availability on the market for a reliable system.

II.1.5) Estimated total value

Value excluding VAT: 680 000,00 Currency: EUR

II.1.6) Information about lots

This contract is divided into lots: no

II.2) DESCRIPTION

II.2.1) Title

-

Lot No: -

II.2.2) Additional CPV code(s)

-

II.2.3) Place of performance

NUTS code:

NL NEDERLAND

Main site or place of performance:

-

II.2.4) Description of the procurement:

(nature and quantity of works, supplies or services or indication of needs and requirements)

A measurement set-up is sought that allows for operating a range of novel hybrid superconducting/semiconductor qubits with the highest fidelities for a joint project between the labs of Srijit Goswami and Christian Kraglund Andersen. These qubit must be operated in magnetic fields with RF and DC control. Additionally, the fridge must have space for additional cryogenic component away from the primary sample. Good samples may be required to stay cold for up to a year for full characterization and exploration. The purchase is part of a 4 year project and must be delivered within the first year with full warrenty for at least 3 years to ensure successful completion of the project. This consultation aims to gain insight into the availability on the market for a reliable system. When the contracting authority concludes to proceed with a purchasing procedure and this consultation shows that there is only 1 supplier that meets the requirements, the contracting authority reserves the right to start a negotiation procedure without prior notice, with this supplier.

II.2.14) Additional information:

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II.3) ESTIMATED DATE OF PUBLICATION OF CONTRACT NOTICE

01/10/2023

SECTION IV: PROCEDURE

IV.1) DESCRIPTION

IV.1.8) Information about the Government Procurement Agreement (GPA)

The procurement is covered by the Government Procurement Agreement: yes

05/07/2023

[I. II. IV. VI.](#)

SECTION VI: COMPLEMENTARY INFORMATION

VI.3) ADDITIONAL INFORMATION

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VI.5) DATE OF DISPATCH OF THIS NOTICE

03/07/2023