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Contract

UKRI-4570 Measurement Setup Upgrade for Novera

UK Research & Innovation

F03: Contract award notice

Notice identifier: 2024/S 000-041170

Procurement identifier (OCID): ocids-h6vhtk-04ca11

Published 20 December 2024, 12:05pm

Section I: Contracting authority

I.1) Name and addresses

UK Research & Innovation

UK Research and Innovation, Polaris House, North Star Avenue

Swindon

SN2 1FL

Contact

STFC Procurement

Email

STFCprocurement@ukri.org

Telephone

+44 1793298902

Country

United Kingdom

Region code

UKJ14 - Oxfordshire

Internet address(es)

Main address

www.ukri.org

I.2) Information about joint procurement

The contract is awarded by a central purchasing body

I.4) Type of the contracting authority

Body governed by public law

I.5) Main activity

Other activity

Research

Section II: Object

II.1) Scope of the procurement

II.1.1) Title

UKRI-4570 Measurement Setup Upgrade for Novera

Reference number

UKRI-4570

II.1.2) Main CPV code

- 30211100 - Super computer

II.1.3) Type of contract

Supplies

II.1.4) Short description

A Measurement Setup Upgrade for Novera, for NQCC Superconducting control system to control a 9+5 qubit Novera Quantum Chip.

II.1.6) Information about lots

This contract is divided into lots: No

II.1.7) Total value of the procurement (excluding VAT)

Value excluding VAT: 406,911.6 EUR

II.2) Description

II.2.3) Place of performance

NUTS codes

- UKJ14 - Oxfordshire

Main site or place of performance

Oxfordshire

II.2.4) Description of the procurement

NQCC are upgrading its superconducting control system to control a 9+5 qubit Novera Quantum chip which NQCC have previously procured under UKRI-4500.

This involves upgrading our current setups with the following purchases:

- Upgrading current setups to unlock the required number of channels and improve noise floor of instruments.
- High-Density Arbitrary Waveform Generators (HDAWGs) for control of the flux lines
- Parametric Pump Controllers (SHFPPC) to provide the required “pump” signals for the Traveling Wave Parametric Amplifiers (TWPA) which are included in the Novera Package.
- Super High Frequency Qubit Controller for control of the qubits.

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

The term and conditions relating to this purchase are provided in the Contract, which matches the Contract number cited in the narrative to this Purchase Order and are specific to this Contract. Where the Contract number is not so cited, then our standard terms and conditions will apply which are available at :- <https://www.ukri.org/wp-content/uploads/2023/01/UKRI-090123-ProcurementContractData-2658-December2022.pdf>

Section IV. Procedure

IV.1) Description

IV.1.1) Type of procedure

Award of a contract without prior publication of a call for competition in the cases listed below

- The services can be provided only by a particular economic operator for the following reason:
 - absence of competition for technical reasons

Explanation:

In accordance to regulation 32, UKRI have awarded the contract under an SSA due to integration and compatibility capabilities, which this is the only Supplier who is capable to achieve.

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

The procurement is covered by the Government Procurement Agreement: No

Section V. Award of contract

Contract No

UKRI-4570

Title

UKRI-4570 Measurement Setup Upgrade for Novera

A contract/lot is awarded: Yes

V.2) Award of contract

V.2.1) Date of conclusion of the contract

19 December 2024

V.2.2) Information about tenders

Number of tenders received: 1

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

V.2.3) Name and address of the contractor

Zurich Instruments AG

Technoparkstrasse 1

Zurich

8005 Zurich

Email

info@zhinst.com

Telephone

+41 445150410

Country

Switzerland

NUTS code

- CH - Switzerland

National registration number

N/A

Internet address

<https://www.zhinst.com/europe/en>

The contractor is an SME

No

V.2.4) Information on value of contract/lot (excluding VAT)

Initial estimated total value of the contract/lot: 406,911.6 EUR

Total value of the contract/lot: 406,911.6 EUR

Section VI. Complementary information

VI.3) Additional information

The term and conditions relating to this purchase are provided in the Contract, which matches the Contract number cited in the narrative to this Purchase Order and are specific to this Contract. Where the Contract number is not so cited, then our standard terms and conditions will apply which are available at :- <https://www.ukri.org/wp-content/uploads/2023/01/UKRI-090123-ProcurementContractData-2658-December2022.pdf>

To view this notice, please click here:

<https://ukri.delta-esourcing.com/delta/viewNotice.html?noticeId=909516162>

GO Reference: GO-20241220-PRO-28966160

VI.4) Procedures for review

VI.4.1) Review body

UK Research & Innovation

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