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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): ocds-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](mailto:STFCprocurement@ukri.org)

#### **Telephone**

+44 1793298902

**Country**

United Kingdom

**Region code**

UKJ14 - Oxfordshire

**Internet address(es)**

Main address

[www.ukri.org](http://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

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## **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>

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## **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

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## **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](mailto: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

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## **Section VI. Complementary information**

### **VI.3) Additional information**

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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

Polaris House, North Star Avenue

Swindon

SN2 1FL

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