

This is a published notice on the Find a Tender service: <https://www.find-tender.service.gov.uk/Notice/000852-2024>

Tender

CSAC2304 Single Photon Detection System

CSA Catapult

F02: Contract notice

Notice identifier: 2024/S 000-000852

Procurement identifier (OCID): ocds-h6vhtk-042c1d

Published 10 January 2024, 4:06pm

Section I: Contracting authority

I.1) Name and addresses

CSA Catapult

Imperial Park, Celtic Way

NEWPORT

NP10 8BE

Contact

Joe Wightman

Email

joe.wightman@csa.catapult.org.uk

Telephone

+44 1633988499

Country

United Kingdom

Region code

UKL - Wales

Internet address(es)

Main address

www.csa.catapult.org.uk

Buyer's address

<https://csa.catapult.org.uk/>

I.3) Communication

Access to the procurement documents is restricted. Further information can be obtained at

www.Delta-esourcing.com

Additional information can be obtained from the above-mentioned address

Tenders or requests to participate must be submitted to the above-mentioned address

I.4) Type of the contracting authority

Body governed by public law

I.5) Main activity

Other activity

Research & Development

Section II: Object

II.1) Scope of the procurement

II.1.1) Title

CSAC2304 Single Photon Detection System

II.1.2) Main CPV code

- 71350000 - Engineering-related scientific and technical services

II.1.3) Type of contract

Services

II.1.4) Short description

CSA Catapult would like to explore the capabilities of identifying and measuring individual photons of light. The main detector to be used is the superconducting nanowire single-photon detector (SNSPD).

II.1.5) Estimated total value

Value excluding VAT: £160,000

II.1.6) Information about lots

This contract is divided into lots: No

II.2) Description

II.2.3) Place of performance

NUTS codes

- UKL - Wales

Main site or place of performance

WALES

II.2.4) Description of the procurement

CSA Catapult would like to explore the capabilities of identifying and measuring individual photons of light. The main detector to be used is the superconducting nanowire single-photon detector (SNSPD).

Single photon detection is crucial for various quantum applications due to the fundamental nature of quantum mechanics and the unique properties of individual photons. CSA Catapult would like to explore this capability to support the development of quantum photonics integrated chips (QPICs) and provide testing services to customers, speeding

up the development cycle for the entire quantum industry.

II.2.5) Award criteria

Price is not the only award criterion and all criteria are stated only in the procurement documents

II.2.6) Estimated value

Value excluding VAT: £160,000

II.2.7) Duration of the contract, framework agreement or dynamic purchasing system

Duration in months

3

This contract is subject to renewal

No

II.2.10) Information about variants

Variants will be accepted: No

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

To respond to this opportunity please click here: <https://www.delta-esourcing.com/respond/9822MVK362>

Section IV. Procedure

IV.1) Description

IV.1.1) Type of procedure

Open procedure

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

The procurement is covered by the Government Procurement Agreement: No

IV.2) Administrative information

IV.2.2) Time limit for receipt of tenders or requests to participate

Date

14 February 2024

Local time

2:00pm

IV.2.4) Languages in which tenders or requests to participate may be submitted

English

IV.2.7) Conditions for opening of tenders

Date

29 February 2024

Local time

2:00pm

Section VI. Complementary information

VI.1) Information about recurrence

This is a recurrent procurement: No

VI.3) Additional information

The contracting authority considers that this contract may be suitable for economic operators that are small or medium enterprises (SMEs). However, any selection of tenderers will be based solely on the criteria set out for the procurement.

For more information about this opportunity, please visit the Delta eSourcing portal at:

<https://www.delta-esourcing.com/tenders/UK-UK-NEWPORT:-Engineering-related-scientific-and-technical-services./9822MVK362>

To respond to this opportunity, please click here:

<https://www.delta-esourcing.com/respond/9822MVK362>

GO Reference: GO-2024110-PRO-24927979

VI.4) Procedures for review

VI.4.1) Review body

Unknown

Unknown

Country

United Kingdom