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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](mailto: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](http://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](http://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

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**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

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## **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