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Contract

## **UKRI-3353 CdZnTe Detectors with Fine Pitch Pixel for High Flux X-Ray Applications**

UK Research & Innovation

F03: Contract award notice

Notice identifier: 2024/S 000-006057

Procurement identifier (OCID): ocids-h6vhtk-0401b3

Published 26 February 2024, 10:05am

### **Section I: Contracting authority**

#### **I.1) Name and addresses**

UK Research & Innovation

<https://www.ukri.org/>, North Star Avenue

Swindon

SN2 1FL

#### **Contact**

Elizabeth Gage

#### **Email**

[Elizabeth.Gage@ukri.org](mailto:Elizabeth.Gage@ukri.org)

#### **Telephone**

+44 7563420665

#### **Country**

United Kingdom

**Region code**

UK - United Kingdom

**Internet address(es)**

Main address

<https://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-3353 CdZnTe Detectors with Fine Pitch Pixel for High Flux X-Ray Applications

Reference number

UKRI-3353

#### **II.1.2) Main CPV code**

- 38430000 - Detection and analysis apparatus

#### **II.1.3) Type of contract**

Supplies

#### **II.1.4) Short description**

STFC require a X-ray detector materials with high stopping power at energies up to 100keV and can operate at very high X-ray fluxes of 108 ph/mm<sup>2</sup>/s and higher, without polarisation, to meet the needs to the next generation of X-ray science facilities. A selection of detectors are required over the next 3 years to support the development and of a new generation of readout electronics and to inform the a final detector system design.

#### **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: £500,000

### **II.2) Description**

#### **II.2.3) Place of performance**

NUTS codes

- UK - United Kingdom

Main site or place of performance

UNITED KINGDOM

#### **II.2.4) Description of the procurement**

STFC require a X-ray detector materials with high stopping power at energies up to 100keV and can operate at very high X-ray fluxes of 108 ph/mm<sup>2</sup>/s and higher, without polarisation, to meet the needs to the next generation of X-ray science facilities. A selection of detectors are required over the next 3 years to support the development and of a new generation of readout electronics and to inform the a final detector system design. STFC will initially require 20 HEXITEC detectors and plan to purchase up to 500 detectors of different pixel pitches and dimensions over the next 3 years

#### **II.2.5) Award criteria**

Quality criterion - Name: Technical/Quality / Weighting: 60

Cost criterion - Name: Price / Weighting: 40

#### **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

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## **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: Yes

### **IV.2) Administrative information**

#### **IV.2.1) Previous publication concerning this procedure**

Notice number: [2023/S 000-027523](#)

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## **Section V. Award of contract**

A contract/lot is awarded: Yes

### **V.2) Award of contract**

#### **V.2.1) Date of conclusion of the contract**

21 February 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**

Redlen Technologies Inc.

123-1763 Sean Heights

Saanichton BC

V8M 0A5

Country

Canada

NUTS code

- CA - Canada

National registration number

N/A

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: £500,000

Total value of the contract/lot: £500,000

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## Section VI. Complementary information

### 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. 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=825372572>

GO Reference: GO-2024226-PRO-25364423

### VI.4) Procedures for review

#### VI.4.1) Review body

UK Research and Innovation

Polaris House, North Star Avenue

Swindon

SN2 1FL

Country

United Kingdom