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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): ocds-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

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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

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/mm²/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/mm²/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

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](#)

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

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

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Country

United Kingdom