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Contract

## **UKRI-3102 Precision Tools for the Assembly of ATLAS Inner Tracker Modules**

UK Research & Innovation

F03: Contract award notice

Notice identifier: 2024/S 000-003746

Procurement identifier (OCID): ocds-h6vhtk-03f02d

Published 5 February 2024, 4:05pm

### **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-3102 Precision Tools for the Assembly of ATLAS Inner Tracker Modules

Reference number

UKRI-3102

#### II.1.2) Main CPV code

- 42611000 - Special-purpose machine tools

#### II.1.3) Type of contract

Supplies

#### II.1.4) Short description

ATLAS is a particle physics experiment at the Large Hadron Collider (LHC) at CERN ([www.atlas.ch](http://www.atlas.ch)). The ATLAS detector is due to be upgraded and the ATLAS group at the UKRI is part of the construction of a new silicon strip tracker at the heart of the upgraded detector. This project is part of a worldwide collaboration involving more than 3000 scientists from 174 institutions. The tracker is made up of silicon strip sensor modules which are arranged in a precise series of expanding shells around a central beamline. Each module is assembled in a series of manual assembly steps, which are homogenised throughout several production sites across the UK. A high level of precision is required to provide the alignment required for the intended precision tracking within the detector.

#### 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: £130,813.85

### II.2) Description

#### II.2.2) Additional CPV code(s)

- 44510000 - Tools

### **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**

ATLAS is a particle physics experiment at the Large Hadron Collider (LHC) at CERN ([www.atlas.ch](http://www.atlas.ch)). The ATLAS detector is due to be upgraded and the ATLAS group at the UKRI is part of the construction of a new silicon strip tracker at the heart of the upgraded detector. This project is part of a worldwide collaboration involving more than 3000 scientists from 174 institutions. The tracker is made up of silicon strip sensor modules which are arranged in a precise series of expanding shells around a central beamline. Each module is assembled in a series of manual assembly steps, which are homogenised throughout several production sites across the UK. A high level of precision is required to provide the alignment required for the intended precision tracking within the detector. UKRI provides the tools for module building to the collaboration partners. The scope of this tender includes: • precision manufacturing of tools from aluminium, • hard anodised (Type III sulphuric anodising) to 50µm thickness, • text on required pieces must be engraved or laser etched, and • dimensions of all tools need to be correct after hard anodisation.

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

Cost criterion - Name: Technical / Weighting: 40

Cost criterion - Name: Price / Weighting: 60

### **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 000-023979](#)

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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**

2 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**

Cavendish Technical Services

Cavendish Laboratory, University of Cambridge, JJ Thomson Avenue

Cambridge

CB3 0HE

Telephone

+44 1223337221

Country

United Kingdom

NUTS code

- UK - United Kingdom

National registration number

N/A

The contractor is an SME

Yes

**V.2.4) Information on value of contract/lot (excluding VAT)**

Initial estimated total value of the contract/lot: £150,000

Total value of the contract/lot: £130,813.85

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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.

To view this notice, please click here:

<https://ukri.delta-esourcing.com/delta/viewNotice.html?noticeId=839446398>

GO Reference: GO-202425-PRO-25112492

### **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

Internet address

<https://www.ukri.org/>