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Tender

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

UK Research & Innovation

F02: Contract notice
Notice identifier: 2023/S 000-023979
Procurement identifier (OCID): ocds-h6vhtk-03f02d
Published 16 August 2023, 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

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.3) Communication

The procurement documents are available for unrestricted and full direct access, free of charge, at

https://ukri.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

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). 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.1.5) Estimated total value

Value excluding VAT: £150,000

II.1.6) Information about lots

This contract is divided into lots: No

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). 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

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: £150,000

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

Duration in months

5

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

Section III. Legal, economic, financial and technical information

III.1) Conditions for participation

III.1.2) Economic and financial standing

Selection criteria as stated in the procurement documents

III.1.3) Technical and professional ability

Selection criteria as stated in the procurement documents

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

Date

21 September 2023

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

21 September 2023

Local time

3:00pm

Section VI. Complementary information

VI.1) Information about recurrence

This is a recurrent procurement: No

VI.2) Information about electronic workflows

Electronic ordering will be used

Electronic invoicing will be accepted

Electronic payment will be used

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://ukri.delta-esourcing.com/tenders/UK-UK-Swindon:-Special-purpose-machine-tools./XSY47J7H58

To respond to this opportunity, please click here:

https://ukri.delta-esourcing.com/respond/XSY47J7H58

GO Reference: GO-2023816-PRO-23658490

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/