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Tender

3-axis & 5-axis CNC Mill

Cardiff University

F02: Contract notice

Notice identifier: 2023/S 000-017166

Procurement identifier (OCID): ocds-h6vhtk-03d6f9

Published 16 June 2023, 11:43am

Section I: Contracting authority

I.1) Name and addresses

Cardiff University

Procurement Services, McKenzie House, 30-36 Newport Road

Cardiff

CF24 0DE

Email

JonesJ156@cardiff.ac.uk

Telephone

+44 2920879255

Country

United Kingdom

NUTS code

UKL - Wales

Internet address(es)

Main address

<http://www.cardiff.ac.uk/business/why-work-with-us/for-suppliers>

Buyer's address

https://www.sell2wales.gov.wales/search/Search_AuthProfile.aspx?ID=AA0258

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://in-tendhost.co.uk/cardiffuniversity.aspx/Home>

Additional information can be obtained from the above-mentioned address

Tenders or requests to participate must be submitted electronically via

<https://in-tendhost.co.uk/cardiffuniversity.aspx/Home>

I.4) Type of the contracting authority

Other type

Higher Education - Cardiff University

I.5) Main activity

Education

Section II: Object

II.1) Scope of the procurement

II.1.1) Title

3-axis & 5-axis CNC Mill

Reference number

CU.1367.JJ

II.1.2) Main CPV code

- 42990000 - Miscellaneous special-purpose machinery

II.1.3) Type of contract

Supplies

II.1.4) Short description

The Astronomy Instrumentation Group (AIG) in the School of Physics and Astronomy at Cardiff University has been funded to provide two Small Aperture Telescope (SAT) receivers and one Large Aperture Telescope receiver (LATR) to the SO:UK programme, including the development of detector technology and associated horn blocks and housings. Two CNC mills are to be purchased for the in-house R&D and manufacture of components for the SAT and LATR receivers:

- 3-axis CNC for the manufacture of other SO:UK associated parts, and to relieve the workload through the AIG's existing machines.
- 5-axis CNC mill for the manufacture of the complex horn blocks and detector housings.

Parts made using these new CNC mills will typically be from aluminium, copper, plastics, and steels; and will be of varying sizes and complexity. They will need to be machined to tight mechanical tolerances and will need to be of high-quality surface finishes.

II.1.5) Estimated total value

Value excluding VAT: £220,000

II.1.6) Information about lots

This contract is divided into lots: Yes

Tenders may be submitted for all lots

II.2) Description

II.2.1) Title

3-axis CNC Mill

Lot No

1

II.2.2) Additional CPV code(s)

- 42990000 - Miscellaneous special-purpose machinery
- 42900000 - Miscellaneous general and special-purpose machinery
- 39230000 - Special-purpose product

II.2.3) Place of performance

NUTS codes

- UKL22 - Cardiff and Vale of Glamorgan

Main site or place of performance

School of Physics and Astronomy, 5 The Parade, Cardiff, CF24 3AA

II.2.4) Description of the procurement

Above threshold open procedure with pass/ fail technical requirements and scored desirable requirements.

Two CNC mills are to be purchased for the in-house R&D and manufacture of components for the SAT and LATR receivers:

- 3-axis CNC for the manufacture of other SO:UK associated parts, and to relieve the workload through the AIG's existing machines.

Parts made using these new CNC mills will typically be from aluminium, copper, plastics, and steels; and will be of varying sizes and complexity. They will need to be machined to tight mechanical tolerances and will need to be of high-quality surface finishes.

II.2.5) Award criteria

Quality criterion - Name: Desirable requirements x 16 / Weighting: 60

Price - Weighting: 40

II.2.6) Estimated value

Value excluding VAT: £75,000

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

Duration in months

19

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) Description

II.2.1) Title

5-axis CNC Mill

Lot No

2

II.2.2) Additional CPV code(s)

- 39230000 - Special-purpose product

- 42900000 - Miscellaneous general and special-purpose machinery
- 42990000 - Miscellaneous special-purpose machinery

II.2.3) Place of performance

NUTS codes

- UKL22 - Cardiff and Vale of Glamorgan

Main site or place of performance

School of Physics and Astronomy, 5 The Parade, Cardiff, CF24 3AA

II.2.4) Description of the procurement

Above threshold open procedure with pass/ fail technical requirements and scored desirable requirements.

Two CNC mills are to be purchased for the in-house R&D and manufacture of components for the SAT and LATR receivers:

- 5-axis CNC mill for the manufacture of the complex horn blocks and detector housings.

Parts made using these new CNC mills will typically be from aluminium, copper, plastics, and steels; and will be of varying sizes and complexity. They will need to be machined to tight mechanical tolerances and will need to be of high-quality surface finishes.

II.2.5) Award criteria

Quality criterion - Name: Desirable requirements x 20 / Weighting: 60

Price - Weighting: 40

II.2.6) Estimated value

Value excluding VAT: £145,000

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

Duration in months

19

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

17 July 2023

Local time

12:00pm

IV.2.4) Languages in which tenders or requests to participate may be submitted

English

IV.2.7) Conditions for opening of tenders

Date

17 July 2023

Local time

12:30pm

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

NOTE: To register your interest in this notice and obtain any additional information please visit the Sell2Wales Web Site at

https://www.sell2wales.gov.wales/Search/Search_Switch.aspx?ID=132444.

(WA Ref:132444)

VI.4) Procedures for review

VI.4.1) Review body

High Court

Royal Courts of Justice, The Strand

London

WC2A 2LL

Telephone

+44 2079477501

Country

United Kingdom