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Contract

3-axis & 5-axis CNC Mill

Cardiff University

F03: Contract award notice

Notice identifier: 2023/S 000-025764

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

Published 1 September 2023, 12:00pm

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.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.1.6) Information about lots

This contract is divided into lots: Yes

II.1.7) Total value of the procurement (excluding VAT)

Value excluding VAT: £220,500

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.2.11) 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.2.11) 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 000-017166](#)

Section V. Award of contract

Lot No

1

Title

3-axis CNC Mill

A contract/lot is awarded: Yes

V.2) Award of contract

V.2.1) Date of conclusion of the contract

21 August 2023

V.2.2) Information about tenders

Number of tenders received: 2

Number of tenders received from SMEs: 2

Number of tenders received from tenderers from other EU Member States: 0

Number of tenders received from tenderers from non-EU Member States: 2

Number of tenders received by electronic means: 2

The contract has been awarded to a group of economic operators: No

V.2.3) Name and address of the contractor

Hurco Europe Ltd

12 The Merlin Centre, Lancaster Road, Cressex Business Park

High Wycombe

HP123TB

Telephone

+44 01494442222

Country

United Kingdom

NUTS code

- UK - United Kingdom

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: £75,000

Total value of the contract/lot: £75,500

Section V. Award of contract

Lot No

2

Title

5-axis CNC Mill

A contract/lot is awarded: Yes

V.2) Award of contract

V.2.1) Date of conclusion of the contract

21 August 2023

V.2.2) Information about tenders

Number of tenders received: 3

Number of tenders received from SMEs: 2

Number of tenders received from tenderers from other EU Member States: 0

Number of tenders received from tenderers from non-EU Member States: 3

Number of tenders received by electronic means: 3

The contract has been awarded to a group of economic operators: No

V.2.3) Name and address of the contractor

Yamazaki Mazak Uk Limited

Badgeworth Drive

Worcester

WR49NF

Telephone

+44 7767230020

Country

United Kingdom

NUTS code

- UKG1 - Herefordshire, Worcestershire and Warwickshire

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: £145,000

Total value of the contract/lot: £145,000

Section VI. Complementary information

VI.3) Additional information

(WA Ref:134204)

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