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Tender

Purchase of Metal Binder Jetting Machine

Cardiff University

F02: Contract notice

Notice identifier: 2022/S 000-029297

Procurement identifier (OCID): ocds-h6vhtk-03769e

Published 18 October 2022, 12:34pm

Section I: Contracting authority

I.1) Name and addresses

Cardiff University

Procurement Services, McKenzie House, 30-36 Newport Road

Cardiff

CF24 0DE

Email

oliverj6@cardiff.ac.uk

Telephone

+44 2920879648

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>

Electronic communication requires the use of tools and devices that are not generally available. Unrestricted and full direct access to these tools and devices is possible, free of charge, at

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

I.4) Type of the contracting authority

Body governed by public law

I.5) Main activity

Education

Section II: Object

II.1) Scope of the procurement

II.1.1) Title

Purchase of Metal Binder Jetting Machine

Reference number

CU.1121.ZS

II.1.2) Main CPV code

- 42962000 - Printing and graphics equipment

II.1.3) Type of contract

Supplies

II.1.4) Short description

The aim of this procurement process is to purchase a metal binder jetting machine which will be focussed for research and development of new materials for additive manufacturing. The machine will be capable of building complex three-dimensional metal AM objects directly from CAD data.

II.1.5) Estimated total value

Value excluding VAT: £250,000

II.1.6) Information about lots

This contract is divided into lots: No

II.2) Description

II.2.2) Additional CPV code(s)

- 22000000 - Printed matter and related products
- 38000000 - Laboratory, optical and precision equipments (excl. glasses)
- 30232100 - Printers and plotters

II.2.3) Place of performance

NUTS codes

- UKL22 - Cardiff and Vale of Glamorgan

II.2.4) Description of the procurement

We are intending to purchase a metal binder jetting machine which will be focussed for research and development of new materials for additive manufacturing. The machine will be capable of building complex three dimensional metal AM objects directly from CAD data. The machine should be capable of manufacturing objects from a wide range of metal powders, including stainless steel, nickel-based superalloys, aluminium alloys and titanium alloys. As the machine will be R&D focussed, a small build volume is targeted (e.g. no larger than 200 x 100 x 100 mm³) to maintain the AM process cost-effective at laboratory scales.

II.2.5) Award criteria

Quality criterion - Name: Quality / Weighting: 70

Price - Weighting: 30

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

Duration in months

12

This contract is subject to renewal

Yes

Description of renewals

3 x 1 year options

II.2.10) Information about variants

Variants will be accepted: No

II.2.11) Information about options

Options: Yes

Description of options

3 x 1 year Maintenance & Support

Ancillaries and Spares

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 November 2022

Local time

12:00pm

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

English, Welsh

IV.2.6) Minimum time frame during which the tenderer must maintain the tender

Duration in months: 3 (from the date stated for receipt of tender)

IV.2.7) Conditions for opening of tenders

Date

17 November 2022

Local time

12:00pm

Place

Virtual

Information about authorised persons and opening procedure

Tender will be opened by 2 Category Managers supervised by a moderator.

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

(WA Ref:125722)

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