Contract

Tender for the Supply and Installation of Magnetic Alignment Presses (1 Axial and 1 Transverse) to the University of Birmingham

UNIVERSITY OF BIRMINGHAM

F03: Contract award notice
Notice identifier: 2022/S 000-015370
Procurement identifier (OCID): ocds-h6vhtk-032688
Published 1 June 2022, 2:55pm

Section I: Contracting authority

I.1) Name and addresses

UNIVERSITY OF BIRMINGHAM

Chancellors Close

BIRMINGHAM

B152TT

Contact

Susanna Ting

Email

s.y.ting@bham.ac.uk

Country

United Kingdom

NUTS code

UKG31 - Birmingham

Internet address(es)

Main address

www.birmingham.ac.uk/index.aspx

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

Tender for the Supply and Installation of Magnetic Alignment Presses (1 Axial and 1 Transverse) to the University of Birmingham

Reference number

SC10515/22

II.1.2) Main CPV code

- 42636000 - Presses

II.1.3) Type of contract

Supplies

II.1.4) Short description

This project is funded by the UK Research and Innovation (UKRI) Industrial Strategy Challenge Fund; Driving the Electric Revolution.

The University of Birmingham invites tenders for supplying production-scale magnetic powder alignment presses (both axial and transverse modes) for research purposes in the field of permanent magnet processing. The proposed units will allow magnetic powders to be aligned and compacted in an nitrogen atmosphere before a sintering stage.

Note, due to space requirements of the system, the proposed alignment presses will be installed at Tyesley Energy Park in Birmingham.

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: £361,600

II.2) Description

II.2.2) Additional CPV code(s)

- 31630000 - Magnets

II.2.3) Place of performance

NUTS codes

- UKG31 - Birmingham

II.2.4) Description of the procurement

The University of Birmingham invites tenders for the supply of powder pressing equipment capable of consolidating fine NdFeB powder under both transverse and axial magnetic aligning fields. It is important that the powder is not exposed to air, oxygen or

moisture during the loading, compaction and unloading steps. Electric presses are preferred but hydraulic ones will be considered. Automatic feeding control is preferred.

The equipment must comply with all the relevant UK law, regulations, and British Standards; see Appendix 6, Guidance Notes.

Specification

i. Transverse Alignment Press

An All-electric Transverse Magnetic Field Forming press capable of a maximum pressing force of 450 kN (~45 tons), with a filling depth of up to 120 mm and filling weight of up to

500 grams

of NdFeB per pressing event. This action should produce green compacts with densities of up to 4.3 g/cm^3. A magnetising field of up to 1.8 T will operate during the pressing action.

The equipment should comprise of:

• An unloading glove box, containing nitrogen gas and

II.2.5) Award criteria

Quality criterion - Name: Compliance to the Specifications / Weighting: 55

Quality criterion - Name: After Sales and Technical Back up / Weighting: 10

Quality criterion - Name: Delivery and Training / Weighting: 10

Quality criterion - Name: Sustainability and Environmental / Weighting: 5

Quality criterion - Name: Standard Supplier Questionnaire / Weighting: 10

Price - Weighting: 10

II.2.11) Information about options

Options: 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: 2022/S 000-008174

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

30 May 2022

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

BaiQiDa Intelligent Technology (NingBo) Co., LTD

ZheJiang

Country

China

NUTS code

- CN - China

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: £361,600

Total value of the contract/lot: £361,600

Section VI. Complementary information

VI.4) Procedures for review

VI.4.1) Review body

University of Birmingham

Birmingham

B15 2TT

Country

United Kingdom