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Tender

3330/JN - Direct Air CO2 Capture (DAC) System

UNIVERSITY OF SHEFFIELD

F02: Contract notice

Notice identifier: 2022/S 000-012252
Procurement identifier (OCID): ocds-h6vhtk-033679
Published 11 May 2022, 12:42pm

The closing date and time has been changed to:

15 July 2022, 12:00pm

See the change notice.

Section I: Contracting authority

I.1) Name and addresses

UNIVERSITY OF SHEFFIELD

Western Bank

SHEFFIELD

S102TN

Contact

James Noble

Email

james.noble@sheffield.ac.uk

Country

United Kingdom

Region code

UKE32 - Sheffield

Internet address(es)

Main address

https://in-tendhost.co.uk/sheffield/

I.3) Communication

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

https://in-tendhost.co.uk/sheffield/

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/sheffield/

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

3330/JN - Direct Air CO2 Capture (DAC) System

Reference number

3330/JN

II.1.2) Main CPV code

- 42900000 - Miscellaneous general and special-purpose machinery

II.1.3) Type of contract

Supplies

II.1.4) Short description

With funding from the European Regional Development Fund the University of Sheffield is looking to procure a Direct Air CO2 Capture (DAC) capture system. This system represents the next generation technology which will complement our existing research capabilities in low carbon power generation and applications in energy/CO2 intensive industries, as well as opportunities for the development of carbon capture and utilisation technologies and applications. It is envisaged that the new DAC CO2 capture system will provide a platform to aid product development and innovation, and systems integration across a wide range of research activities.

II.1.5) Estimated total value

Value excluding VAT: £739,000

II.1.6) Information about lots

This contract is divided into lots: No

II.2) Description

II.2.2) Additional CPV code(s)

- 38000000 - Laboratory, optical and precision equipments (excl. glasses)

II.2.3) Place of performance

NUTS codes

- UKE32 - Sheffield

Main site or place of performance

Translational Energy Research Centre (TERC), Sheffield Business Park, Europa Avenue, S9 1ZA

II.2.4) Description of the procurement

With funding from the European Regional Development Fund the University of Sheffield is looking to procure a Direct Air CO2 Capture (DAC) capture system. This system represents the next generation technology which will complement our existing research capabilities in low carbon power generation and applications in energy/CO2 intensive industries, as well as opportunities for the development of carbon capture and utilisation technologies and applications. It is envisaged that the new DAC CO2 capture system will provide a platform to aid product development and innovation, and systems integration across a wide range of research activities.

At the University of Sheffield, we have set up a National Translational Energy Research Centre (TERC) focusing on bioenergy, renewable energy, carbon capture, utilisation and storage (CCUS) technologies. As part of the equipment portfolio to broaden and support our extensive research and development activities at the centre we are looking to procure a Direct Air Capture (DAC) plant to separate CO2 from air. For full-chain CCUS demonstration, the captured CO2, along with hydrogen generated on-site from renewable resources, will be utilised in an on-site Sustainable Aviation Fuel (SAF) production plant to produce green fuel for use in turbines/engines.

II.2.5) Award criteria

Price is not the only award criterion and all criteria are stated only in the procurement documents

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

Start date

2 February 2023

End date

3 February 2023

This contract is subject to renewal

No

II.2.10) Information about variants

Variants will be accepted: Yes

II.2.11) Information about options

Options: No

II.2.14) Additional information

This procurement is related to a project and/or programme financed by European Union funds.

Identification of the project: European Regional Development Fund (ERDF)

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

Originally published as:

Date

13 June 2022

Local time

12:00pm

Changed to:

Date

15 July 2022

Local time

12:00pm

See the change notice.

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

English

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

13 June 2022

Local time

12:01pm

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.4) Procedures for review

VI.4.1) Review body

The University of Sheffield

Sheffield

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Country

United Kingdom