This is a published notice on the Find a Tender service: https://www.find-tender.service.gov.uk/Notice/003187-2022

Tender

Green Hydrogen Production and Storage Facility

UNIVERSITY OF SHEFFIELD

F02: Contract notice
Notice identifier: 2022/S 000-003187
Procurement identifier (OCID): ocds-h6vhtk-03130e
Published 3 February 2022, 5:46pm

The closing date and time has been changed to:

29 March 2022, 12:00pm

See the change notice.

Section I: Contracting authority

I.1) Name and addresses

UNIVERSITY OF SHEFFIELD

Western Bank

SHEFFIELD

S102TN

Contact

David Middle

Email

dave.middle@sheffield.ac.uk

Telephone

+44 1142221560

Country

United Kingdom

NUTS code

UKE32 - Sheffield

Internet address(es)

Main address

https://www.sheffield.ac.uk/

I.3) Communication

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

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

Tenders or requests to participate must be submitted to the above-mentioned address

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

Green Hydrogen Production and Storage Facility

Reference number

3210/DM

II.1.2) Main CPV code

- 09000000 - Petroleum products, fuel, electricity and other sources of energy

II.1.3) Type of contract

Supplies

II.1.4) Short description

The University of Sheffield (UoS) with funding from European Regional Development Fund (ERDF) is establishing a Sustainable Aviation Fuels Innovation Centre (SAF-IC) to support and promote the production and characterisation of decarbonised and sustainable aviation fuel.

To broaden and support our extensive research, development, and deployment activities at the centre, we are looking to procure a proton exchange membrane (PEM) or a solid oxide hydrogen electrolyser. The Green Hydrogen Production and Storage Facility project will enable green hydrogen to be produced on site, whilst the device will be mains powered the centre boasts considerable renewable electricity production capacity. Hence, it is intended that the consumption of the H2 production facility will net off, against said production capacity, thereby resulting in credible green hydrogen production.

One of the main purposes behind this procurement is the use of the generated hydrogen to produce renewable synthetic fuels. In general, the procurement of the hydrogen electrolyser system will support our research activity in innovating systems which eliminate/mitigate CO2 emissions. It will also open a number of R&D opportunities for the development, optimisation and integration of hydrogen economy and systems.

One of the main purposes behind this procurement is the use of the generated hydrogen to produce renewable

synthetic fuels.

For indicative purposes only, the budget allocated to the Green Hydrogen Production Facility is c.£1.2m while the budget allocated for the Storage Facility is c.£150,000 (both figures are excluding VAT). This explains the estimated total value figure shown below of £1,350,000.

II.1.5) Estimated total value

Value excluding VAT: £1,350,000

II.1.6) Information about lots

This contract is divided into lots: No

II.2) Description

II.2.2) Additional CPV code(s)

- 24111600 - Hydrogen
- 71314000 - Energy and related services
- 73000000 - Research and development services and related consultancy services

II.2.3) Place of performance

NUTS codes

- UKE32 - Sheffield

Main site or place of performance

The University of Sheffield, at a new research facility:

Sustainable Aviation Fuels - Innovation Centre,

Sheffield Business Park,

Europa Avenue,

Sheffield

S9 1ZA

II.2.4) Description of the procurement

The University of Sheffield (UoS) with funding from European Regional Development

Fund (ERDF) is establishing a Sustainable Aviation Fuels Innovation Centre (SAF-IC) to support and promote the production and characterisation of decarbonised and sustainable aviation fuel.

To broaden and support our extensive research, development, and deployment activities at the centre, we are looking to procure a proton exchange membrane (PEM) or a solid oxide hydrogen electrolyser. The Green Hydrogen Production and Storage Facility project will enable green hydrogen to be produced on site, whilst the device will be mains powered the centre boasts considerable renewable electricity production capacity. Hence, it is intended that the consumption of the H2 production facility will net off, against said production capacity, thereby resulting in credible green hydrogen production.

One of the main purposes behind this procurement is the use of the generated hydrogen to produce renewable synthetic fuels. In general, the procurement of the hydrogen electrolyser system will support our research activity in innovating systems which eliminate/mitigate CO2 emissions. It will also open a number of R&D opportunities for the development, optimisation and integration of hydrogen economy and systems.

II.2.5) Award criteria

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

II.2.6) Estimated value

Value excluding VAT: £1,350,000

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

Start date

1 November 2022

End date

28 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: Yes

Description of options

As described within the tender documents

II.2.14) Additional information

The purchase of this equipment is part funded by the European Regional Development Fund (ERDF)

Section III. Legal, economic, financial and technical information

III.1) Conditions for participation

III.1.1) Suitability to pursue the professional activity, including requirements relating to enrolment on professional or trade registers

List and brief description of conditions

As per the tender documents

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

7 March 2022

Local time

12:00pm

Changed to:

Date

29 March 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.2.7) Conditions for opening of tenders

Date

7 March 2022

Local time

12:05pm

Place

University of Sheffield, Finance Department

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

University of Sheffield

Sheffield

S10 2TN

Country

United Kingdom