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Contract

## **Green Hydrogen Production and Storage Facility**

UNIVERSITY OF SHEFFIELD

F03: Contract award notice

Notice identifier: 2022/S 000-017549

Procurement identifier (OCID): ocds-h6vhtk-03130e

Published 27 June 2022, 4:44pm

### **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](mailto:dave.middle@sheffield.ac.uk)

#### **Telephone**

+44 1142221560

#### **Country**

United Kingdom

**NUTS code**

UKE32 - Sheffield

**Internet address(es)**

Main address

<https://sheffield.ac.uk/>

**I.4) Type of the contracting authority**

Body governed by public law

**I.5) Main activity**

Education

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## **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.

#### **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: £1,026,450

## **II.2) Description**

### **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 H<sub>2</sub> 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**

Quality criterion - Name: Technical / Weighting: 40

Quality criterion - Name: After Sales Support / Weighting: 5

Quality criterion - Name: Added Value / Innovation / Weighting: 10

Quality criterion - Name: Whole Life Costing / Weighting: 5

Quality criterion - Name: Delivery, Installation & Commissioning / Weighting: 15

Price - Weighting: 25

### **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)

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## **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 000-003187](#)

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## **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: 4

Number of tenders received from SMEs: 4

Number of tenders received by electronic means: 4

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

#### **V.2.3) Name and address of the contractor**

Remosa s.r.l

Viale Pula 37

Cagliari

09123

Country

Italy

NUTS code

- IT - Italy

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: £1,350,000

Total value of the contract/lot: £1,026,450

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## **Section VI. Complementary information**

### **VI.4) Procedures for review**

#### **VI.4.1) Review body**

University of Sheffield

Sheffield

S10 2TN

Country

United Kingdom