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Contract

## **3242/JN - Hydrogen-Fuelled Combustor Retrofit and Fuel Handling System (2 Lots)**

UNIVERSITY OF SHEFFIELD

F20: Modification notice

Notice identifier: 2023/S 000-008201

Procurement identifier (OCID): ocds-h6vhtk-032e5d

Published 21 March 2023, 3:50pm

### **Section I: Contracting authority/entity**

#### **I.1) Name and addresses**

UNIVERSITY OF SHEFFIELD

THE UNIVERSITY OF SHEFFIELD, WESTERN BANK

SHEFFIELD

S102TN

#### **Contact**

James Noble

#### **Email**

[james.noble@sheffield.ac.uk](mailto:james.noble@sheffield.ac.uk)

#### **Country**

United Kingdom

#### **Region code**

UKE32 - Sheffield

**Companies House**

RC000667

**Internet address(es)**

Main address

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

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**Section II: Object**

**II.1) Scope of the procurement**

**II.1.1) Title**

3242/JN - Hydrogen-Fuelled Combustor Retrofit and Fuel Handling System (2 Lots)

Reference number

3242/JN

**II.1.2) Main CPV code**

- 42110000 - Turbines and motors

**II.1.3) Type of contract**

Supplies

**II.2) Description**

**II.2.2) Additional CPV code(s)**

- 38000000 - Laboratory, optical and precision equipments (excl. glasses)
- 42900000 - Miscellaneous general and special-purpose machinery

**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, Sheffield

#### **II.2.4) Description of the procurement at the time of conclusion of the contract:**

With co-funding from the European Regional Development Fund, the University of Sheffield has established a flagship Translational Energy Research Centre (TERC) - a national multitechnology, integrated platform for research, development and innovation at pilot-scale, to understand and demonstrate green energy solutions for a sustainable, affordable and secure energy system. It is one of the largest and best-equipped research and development facilities in Europe for zero-carbon energy, hydrogen, bioenergy, combustion and carbon capture with storage/utilisation.

TERC is looking to further expand its current capabilities and equipment portfolio in this area. We are therefore looking to procure two lots:

LOT 1: Retrofitting a hydrogen-fired combustor for conversion of a gas turbine

LOT 2: Fuel handling and mixing skid, with feeding system

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

Start date

22 March 2023

End date

31 May 2023

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## **Section IV. Procedure**

### **IV.2) Administrative information**

#### **IV.2.1) Contract award notice concerning this contract**

Notice number: [2022/S 000-023360](#)

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## **Section V. Award of contract/concession**

### **Contract No**

3242/JN

### **Title**

3242/JN - Hydrogen-Fuelled Combustor Retrofit and Fuel Handling System (2 Lots)

### **V.2) Award of contract/concession**

#### **V.2.1) Date of conclusion of the contract/concession award decision:**

28 July 2022

#### **V.2.2) Information about tenders**

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

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

Power Service Consulting GmbH

Opelstraße 14

St. Leon-Rot

68789

Country

Germany

NUTS code

- DE128 - Rhein-Neckar-Kreis

Companies House

HRB 731729

The contractor/concessionaire is an SME

Yes

**V.2.4) Information on value of the contract/lot/concession (at the time of conclusion of the contract;excluding VAT)**

Total value of the procurement: £235,195

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**Section VI. Complementary information**

**VI.4) Procedures for review**

**VI.4.1) Review body**

The University of Sheffield

Sheffield

S10 2TN

Email

[james.noble@sheffield.ac.uk](mailto:james.noble@sheffield.ac.uk)

Country

United Kingdom

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## **Section VII: Modifications to the contract/concession**

### **VII.1) Description of the procurement after the modifications**

#### **VII.1.1) Main CPV code**

- 42110000 - Turbines and motors

#### **VII.1.3) Place of performance**

NUTS code

- UKE32 - Sheffield

Main site or place of performance

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

#### **VII.1.4) Description of the procurement:**

With co-funding from the European Regional Development Fund, the University of Sheffield has established a flagship Translational Energy Research Centre (TERC) - a national multi-technology, integrated platform for research, development and innovation at pilot-scale, to understand and demonstrate green energy solutions for a sustainable, affordable and secure energy system. It is one of the largest and best-equipped research and development facilities in Europe for zero-carbon energy, hydrogen, bioenergy, combustion and carbon capture with storage/utilisation.

TERC is looking to further expand its current capabilities and equipment portfolio in this area. We are therefore looking to procure two lots:

LOT 1: Retrofitting a hydrogen-fired combustor for conversion of a gas turbine

LOT 2: Fuel handling and mixing skid, with feeding system

#### **VII.1.5) Duration of the contract, framework agreement, dynamic purchasing system or concession**

Start date

22 March 2023

End date

31 May 2023

### **VII.1.6) Information on value of the contract/lot/concession (excluding VAT)**

Total value of the contract/lot/concession:

£301,884.28

### **VII.1.7) Name and address of the contractor/concessionaire**

Power Service Consulting GmbH

Opelstraße 14

St. Leon-Rot

68789

Country

Germany

NUTS code

- DE128 - Rhein-Neckar-Kreis

Companies House

HRB 731729

The contractor/concessionaire is an SME

Yes

## **VII.2) Information about modifications**

### **VII.2.1) Description of the modifications**

Nature and extent of the modifications (with indication of possible earlier changes to the contract):

Design package, associated electrical and mechanical installation package.

### **VII.2.2) Reasons for modification**

Need for additional works, services or supplies by the original contractor/concessionaire.

Description of the economic or technical reasons and the inconvenience or duplication of

cost preventing a change of contractor:

At the time of undertaking the procurement exercise we were unable to define the connection works as we were unable to pre-empt the technical solution put forward by the market. Equally, suppliers would be unable to specify without site specific information. We then planned to arrange the connection ourselves. Due to the requirement for complete (end to end) connection of services for warranty purposes we had to use the original supplier.

### **VII.2.3) Increase in price**

Updated total contract value before the modifications (taking into account possible earlier contract modifications, price adaptations and average inflation)

Value excluding VAT: £235,195

Total contract value after the modifications

Value excluding VAT: £301,884.28