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Contract

## Hydrogen Fuel Cell System for aviation application

Cardiff University

F03: Contract award notice

Notice identifier: 2023/S 000-008251

Procurement identifier (OCID): ocds-h6vhtk-037fd6

Published 22 March 2023, 9:27am

### Section I: Contracting authority

#### I.1) Name and addresses

Cardiff University

Procurement Services, McKenzie House, 30-36 Newport Road

Cardiff

CF24 0DE

#### Email

[procurement@cardiff.ac.uk](mailto:procurement@cardiff.ac.uk)

#### Telephone

+44 2920879648

#### Country

United Kingdom

#### NUTS code

UKL - Wales

**Internet address(es)**

Main address

<http://www.cardiff.ac.uk/business/why-work-with-us/for-suppliers>

Buyer's address

[https://www.sell2wales.gov.wales/search/Search\\_AuthProfile.aspx?ID=AA0258](https://www.sell2wales.gov.wales/search/Search_AuthProfile.aspx?ID=AA0258)

**I.2) Information about joint procurement**

The contract is awarded by a central purchasing body

**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**

Hydrogen Fuel Cell System for aviation application

Reference number

CU.1176.SF

**II.1.2) Main CPV code**

- 31122100 - Fuel cells

**II.1.3) Type of contract**

Supplies

#### **II.1.4) Short description**

A hydrogen fuel cell system is required to integrate to form the proposed hydrogen eTestbed configuration. The hydrogen fuel cell system will deliver the project outputs and final deliverables.

#### **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: £326,830

### **II.2) Description**

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

- 31122100 - Fuel cells

#### **II.2.3) Place of performance**

NUTS codes

- UKL22 - Cardiff and Vale of Glamorgan

#### **II.2.4) Description of the procurement**

A hydrogen fuel cell system is required to integrate to form the proposed hydrogen eTestbed configuration. The hydrogen fuel cell system will deliver the project outputs and final deliverables.

The university have a maximum budget of 360,000 GBP inc VAT. It is our understanding that a Fuel Cell can achieve a power output of at least 100KW. Preference will be to purchase two Fuel Cells to achieve a power output exceeding 200 KW. However, subject to budget we would like to consider the option of purchasing either 1 or 2 fuel cells.

The Fuel Cell system will be delivered to Cardiff University's newly developed Hydrogen and Electric Propulsion Innovation Centre (HEPIC) at St Athan, to perform the required research activities.

It is expected that we are procuring the most up to date Fuel Cell Technology to meet the objectives of the project. It's an expectation that suppliers provide the latest version of Fuel cells with the latest improvement of fuel cell technology.

#### **II.2.5) Award criteria**

Quality criterion - Name: Maximum Power / Weighting: 20

Quality criterion - Name: Start up Procedure / Weighting: 5

Quality criterion - Name: Energy Efficiency / Weighting: 10

Quality criterion - Name: Certification of performance / Weighting: 5

Quality criterion - Name: Performance and fuel consumption / Weighting: 4

Quality criterion - Name: Data logging / Weighting: 5

Quality criterion - Name: Safety devices / Weighting: 10

Quality criterion - Name: operating life / Weighting: 3

Quality criterion - Name: After sales / Weighting: 10

Quality criterion - Name: Warranty / Weighting: 10

Quality criterion - Name: Spare parts / Weighting: 8

Quality criterion - Name: Training / Weighting: 10

Price - Weighting: 40

#### **II.2.11) Information about options**

Options: No

#### **II.2.13) Information about European Union Funds**

The procurement is related to a project and/or programme financed by European Union funds: No

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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 000-031481](#)

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

### **Contract No**

CU.1176.SF

A contract/lot is awarded: Yes

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

#### **V.2.1) Date of conclusion of the contract**

3 February 2023

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

Number of tenders received: 1

Number of tenders received from SMEs: 0

Number of tenders received from tenderers from other EU Member States: 1

Number of tenders received from tenderers from non-EU Member States: 0

Number of tenders received by electronic means: 1

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

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

PowerCell Sweden AB

Ruskvädersgatan 12

Gothenburg

41834

Telephone

+46 730103737

Country

Sweden

NUTS code

- SE - Sweden

The contractor is an SME

No

**V.2.4) Information on value of contract/lot (excluding VAT)**

Total value of the contract/lot: £326,830

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## **Section VI. Complementary information**

### **VI.3) Additional information**

The budget for the system must be spent by the 31st of March 2023. This will require that the System is delivered, invoiced and paid for by this date.

(WA Ref:129834)

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

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

High Court

Royal Courts of Justice, The Strand

London

WC2A 2LL

Telephone

+44 2079477501

Country

United Kingdom