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Contract

University of St Andrews - Design, Installation and Demonstration of Hydrogen Train

University of St Andrews

F03: Contract award notice

Notice identifier: 2021/S 000-003601

Procurement identifier (OCID): ocds-h6vhtk-029579

Published 23 February 2021, 4:08pm

Section I: Contracting authority

I.1) Name and addresses

University of St Andrews

Old Burgh School, Abbey Walk

St Andrews

KY16 9LB

Contact

Adrian Wood

Email

procurement@st-andrews.ac.uk

Telephone

+44 1334462523

Country

United Kingdom

NUTS code

UKM72 - Clackmannanshire and Fife

Internet address(es)

Main address

<http://www.st-andrews.ac.uk/procurement/>

Buyer's address

https://www.publiccontractsscotland.gov.uk/search/Search_AuthProfile.aspx?ID=AA00111

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

Section II: Object

II.1) Scope of the procurement

II.1.1) Title

University of St Andrews - Design, Installation and Demonstration of Hydrogen Train

Reference number

CHM/080920/JI/SL

II.1.2) Main CPV code

- 71311230 - Railway engineering services

II.1.3) Type of contract

Services

II.1.4) Short description

Over the course of 12 months – completion of full integrated design, first generation drivetrain installed and demonstration of the train in Scotland off Network Rail infrastructure in rail yard and on Bo'Ness and Kinneil heritage railway line, or moved elsewhere. This will allow an assessment to be undertaken that any modifications do not present risks to the operational railway. During this time, if the requirements are that it will eventually run on Network Rail infrastructure, this can be stage 3 of the project as this will be a project in its own right.

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: £2,848,758

II.2) Description

II.2.2) Additional CPV code(s)

- 34940000 - Railway equipment
- 24111600 - Hydrogen

II.2.3) Place of performance

NUTS codes

- UKM72 - Clackmannanshire and Fife

Main site or place of performance

UK - Scotland

II.2.4) Description of the procurement

Over the course of 12 months – completion of full integrated design, first generation drivetrain installed and demonstration of the train in Scotland off Network Rail infrastructure in rail yard and on Bo'Ness and Kinneil heritage railway line. This will allow an assessment to be undertaken that any modifications do not present risks to the operational railway. During this time, if the requirements are that it will eventually run on Network Rail infrastructure, this can be stage 3 of the project as this will be a project in its own right.

There are six key project objectives, detailed below:

1. Prove that in Scotland we can have the capability of modifying an existing item of rolling stock to install hydrogen fuel cell (FC), batteries, control equipment etc
2. Working with the regulatory bodies, develop the necessary standards and controls for the use of hydrogen FC power on passenger rolling stock
3. Inform the passenger rail policy for Independently Powered Multiple Unit use on the Scottish passenger rail network in advance of the zero emission requirement for 2035 on Scotland's passenger railway
4. Demonstrate to the Team Scotland rail community through practical application the operation of hydrogen FC passenger rolling stock
5. Provide the supply chain with the opportunity to develop their skills and advance their knowledge of the application of hydrogen FC technology on passenger rolling stock including hydrogen supply and refuelling infrastructure
6. Provide educational institutions with the opportunity to develop their skills and advance their knowledge of the application of hydrogen FC technology in the rail industry

Please also see tender documents for additional information.

II.2.5) Award criteria

Quality criterion - Name: Quality / Weighting: 80

Cost criterion - Name: Cost / Weighting: 20

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

II.2.14) Additional information

All tenders for the University of St Andrews are administered through our eTendering System (InTend). To Express an Interest please go to our tender website at <https://intendhost.co.uk/universityofstandrews>

Please note that 'Notes of Interest' placed via PCS (Public Contracts Scotland) are not automatically accepted

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: No

IV.2) Administrative information

IV.2.1) Previous publication concerning this procedure

Notice number: [2020/S 190-460132](#)

Section V. Award of contract

Contract No

CHM/080920/JI/SL

A contract/lot is awarded: Yes

V.2) Award of contract

V.2.1) Date of conclusion of the contract

21 December 2020

V.2.2) Information about tenders

Number of tenders received: 3

Number of tenders received from SMEs: 2

Number of tenders received from tenderers from other EU Member States: 3

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

Number of tenders received by electronic means: 3

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

V.2.3) Name and address of the contractor

Arcola Energy

24 Ashwin Street

London

E8 3DL

Telephone

+44 7979151373

Country

United Kingdom

NUTS code

- UK - UNITED KINGDOM

The contractor is an SME

Yes

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

Total value of the contract/lot: £2,848,758

Section VI. Complementary information

VI.3) Additional information

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(SC Ref:645313)

VI.4) Procedures for review

VI.4.1) Review body

Dundee Sheriff Court

6 West Bell Street

Dundee

DD1 9AD

Telephone

+44 1382229961

Country

United Kingdom

VI.4.3) Review procedure

Precise information on deadline(s) for review procedures

Anyone bringing court proceedings against the University of St Andrews must inform the University of St Andrews in advance of the alleged breach and its intention to bring proceedings. Any such action must be brought within 15 days of the date on which a decision is sent to them or published to challenge that decision.

Proceedings seeking an ineffectiveness order must be brought within 30 days of the publication of the contract award notice in the OJEU, or 30 days from the date of a decision letter to all tenderers concerned, and any candidates concerned, containing a summary of the reason for the recipient being unsuccessful, otherwise 6 months from the date of entering into the contract or concluding the framework agreement.

Where a contract has not been entered into the Court may, by interim order, suspend the procurement procedure. The court may also set aside a decision or actions taken by the University or order it to amend and document; and/or award damages. However, by express requirement the court may decide not to grant an interim order when the negative consequences of such an order are likely to outweigh the benefits, having regard to a number of considerations.

If the contract has been entered into the Court may, depending on the nature of the breach: make an ineffectiveness order; impose a financial penalty; shorten the duration of the contract; make any other order considered appropriate to address the consequences of ineffectiveness or shortening the duration of the contract; award damages.