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Contract

School of Chemistry: Synthesis Gas/CO2 Hydrogenation Testing Rig and Scale Up Rig

University of St Andrews

F03: Contract award notice
Notice identifier: 2023/S 000-030303
Procurement identifier (OCID): ocds-h6vhtk-03b0a2
Published 13 October 2023, 2:13pm

Section I: Contracting authority

I.1) Name and addresses

University of St Andrews

Walter Bower House, Eden Campus

Guardbridge

KY16 0US

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.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

School of Chemistry: Synthesis Gas/CO2 Hydrogenation Testing Rig and Scale Up Rig

Reference number

CHM/080323/PW/SL

II.1.2) Main CPV code

- 38400000 - Instruments for checking physical characteristics

II.1.3) Type of contract

Supplies

II.1.4) Short description

The core objective of the project this equipment will facilitate is to establish the fundamental science component of a new Power-to-Liquids facility at the University of St Andrews' Eden campus.

To achieve this, we seek to procure via this Procurement exercise:

(i) a high-throughput catalyst screening unit for the accelerated development of Power-to-Liquids processes,

(ii) a scaled-up reactor unit that integrates electrolysis and synthesis steps to enable innovative Power-to-liquids research

II.1.6) Information about lots

This contract is divided into lots: Yes

II.1.7) Total value of the procurement (excluding VAT)

Value excluding VAT: 1,549,100 EUR

II.2) Description

II.2.1) Title

4 x Synthesis Gas/CO2 Hydrogenation Testing Rig

Lot No

1

II.2.2) Additional CPV code(s)

- 38400000 - Instruments for checking physical characteristics

II.2.3) Place of performance

NUTS codes

- UKM72 - Clackmannanshire and Fife

Main site or place of performance

UK-St Andrews

II.2.4) Description of the procurement

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To achieve this, we seek to procure via this Procurement exercise:

(i) a high-throughput catalyst screening unit for the accelerated development of Power-to-Liquids processes,

(ii) a scaled-up reactor unit that integrates electrolysis and synthesis steps to enable innovative Power-to-liquids research

Future exercises are anticipated to procure a 2D-Gas Chromatograph, for the characterisation of complex liquid products, and two refinery gas analysers to be integrated into the reactor units.

The facility will enable world-leading research into Power-to-Liquids concepts with the

following main objectives:

- To open new research avenues into the electrification of chemical processes via the integration of electrolysis with downstream chemical synthesis.

- To increase productivity and accelerate developments in the key areas of catalyst discovery for decarbonising the production of energy, fuels and chemicals.

- To leverage the latest manufacturing research to enable more efficient integrated configurations of Power-to-Liquids processes to be discovered and subsequently to optimise these so that decarbonisation can be brought to scale rapidly with minimal investment risk.

- To deliver a strong interdisciplinary facility available to internal and external users.

- To support researchers in St Andrews, regionally and across collaborations.

- To optimise both quality of service and usage of facilities.

- To allow St Andrews to continue to attract innovative, research-oriented industry partners who will be informed by and embed new science in product developments, while providing guidance on science gaps that industry needs addressed.

- To explore novel functional materials relevant to sustainability.

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) Description

II.2.1) Title

Synthesis Gas/Co2 Hydrogenation Scaleup Rig

Lot No

2

II.2.2) Additional CPV code(s)

- 38400000 - Instruments for checking physical characteristics

II.2.3) Place of performance

NUTS codes

- UKM72 - Clackmannanshire and Fife

Main site or place of performance

UK - St Andrews

II.2.4) Description of the procurement

The core objective of the project this equipment will facilitate is to establish the fundamental science component of a new Power-to-Liquids facility at the University of St Andrews' Eden campus.

To achieve this, we seek to procure via this Procurement exercise:

(i) a high-throughput catalyst screening unit for the accelerated development of Power-to-Liquids processes,

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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: 2023/S 000-006785

Section V. Award of contract

Lot No

1

Title

4 x Synthesis Gas/CO2 Hydrogenation Testing Rig

A contract/lot is awarded: Yes

V.2) Award of contract

V.2.1) Date of conclusion of the contract

27 July 2023

V.2.2) Information about tenders

Number of tenders received: 2

Number of tenders received from SMEs: 2

Number of tenders received from tenderers from other EU Member States: 2

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

Number of tenders received by electronic means: 2

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

V.2.3) Name and address of the contractor

PROREC GmbH

Kopenicker Str. 154

Berlin

10997

Telephone

+44 7799400585

Country

Germany

NUTS code

- DE - Germany

The contractor is an SME

Yes

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

Total value of the contract/lot: 1,549,100 EUR

Section V. Award of contract

Lot No

2

Title

Synthesis Gas/Co2 Hydrogenation Scaleup Rig

A contract/lot is awarded: Yes

V.2) Award of contract

V.2.1) Date of conclusion of the contract

27 July 2023

V.2.2) Information about tenders

Number of tenders received: 2

Number of tenders received from SMEs: 2

Number of tenders received from tenderers from other EU Member States: 2

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Section VI. Complementary information

VI.3) 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

(SC Ref:747120)

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

The University of St Andrews will incorporate a minimum of 10 calendar day standstill period at the point of information on the award of the contract being communicated to tenderers. This period allows unsuccessful tenderers to seek further debriefing from the contracting authority before the contract is entered into. Applicants have 2 working days from the notification of the award decision to request additional debriefing and that information has to be provided a minimum of 3 working days before the expiry of the standstill period. Such

additional information should be requested from The University of St Andrews.

If an appeal regarding the award of contract has not been successfully resolved The Public Contracts (Scotland) Regulations 2012 provide for aggrieved parties who have been harmed or are at risk of harm by a breach of the rule to take action in the Sheriff Court or Court of Session.

The anticipated review body in such cases would be:

Dundee Sheriff Court

6 West Bell Street

Dundee

DD1 9AD

Telephone: +44 1382 229 961

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 or the contract; award damages.