Award

VEAT Notice Intention to award a public services contract for the HyDEX Project for the provision of process-engineering consultancy to carry out a feasibility study with initial design, delivery requirements plan, safety assessment and operational support leading to the full execution phase of the project

The University of Keele

F15: Voluntary ex ante transparency notice
Notice identifier: 2023/S 000-014383
Procurement identifier (OCID): ocds-h6vhtk-03cdfd
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Section I: Contracting authority/entity

I.1) Name and addresses

The University of Keele

Procurement Office, Directorate of Finance, Innovation Centre 2, Keele University Science and Innovation Park,

Keele, Staffordshire

ST5 5NH

Contact

Darren Pearce

Email

d.pearce@keele.ac.uk

Telephone

+44 1782734124

Country

United Kingdom

Region code

UKG24 - Staffordshire CC

Companies House

Company number RC000655

Internet address(es)

Main address

https://www.keele.ac.uk

Buyer's address

https://in-tendhost.co.uk/universityofkeele/aspx/Home

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

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Reference number

KU/426/DP/SG/2023

II.1.2) Main CPV code

- 71241000 - Feasibility study, advisory service, analysis

II.1.3) Type of contract

Services

II.1.4) Short description

Intention to award a Public Services contract under Regulation 32 (2) (b) (iii) of the Public Contracts Regulations 2015 for the HyDEX Project for the provision of process-engineering consultancy to carry out a feasibility study with initial design, delivery requirements plan, safety assessment and operational support leading to the full execution phase of the project covering:

Option a: A hydrogen facility consisting of an on-site, 500kW ITM prototype electrolyser and a gas mixing facility to incorporate a vehicle fuelling capability for a range of vehicles, and a heating boiler supplying an adjacent building, and

Option b: A fully integrated vehicle fuelling station incorporating a new electrolyser based on campus and include for a full campus assessment to provide an options appraisal for alternative locations for any packaged fuelling systems for option b.

The Negotiated Procedure without Prior Publication is being followed and is justified under Regulation 32 (2) (b) (iii).

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: £303,660

II.2) Description

II.2.2) Additional CPV code(s)

- 24111600 - Hydrogen
- 63712600 - Vehicle refuelling services

II.2.3) Place of performance

NUTS codes

- UKG24 - Staffordshire CC

II.2.4) Description of the procurement

The service will deliver a full feasibility study including regulatory requirements, initial and ongoing safety assessment and compliance strategy, and cost assessment for conversion from grid injection for a previous trial (HyDEPLOY), to a system for pressurising and storing gas supplying a vehicle fuelling facility for hydrogen vehicles on Keele University Campus. This system will be run according to input from the campus-wide Smart Energy Network Demonstrator (SEND) system and will form a demonstrator as part of a prestigious regional hydrogen accelerator project led by Keele University (HyDEX).

II.2.11) Information about options

Options: No

Section IV. Procedure

IV.1) Description

IV.1.1) Type of procedure

Negotiated without a prior call for competition

- The works, supplies or services can be provided only by a particular economic operator for the following reason:
    - protection of exclusive rights, including intellectual property rights

Explanation:

Otto Simon Limited has unique experience with the HyDeploy project undertaken at Keele University, knowledge of the type of equipment used, the interfacing with the University's other systems, and established relationships with university personnel. They also have extensive knowledge and experience of hydrogen related projects delivered at the University. Otto Simon Limited therefore own the proprietary knowledge and experience required to deliver the feasibility study.

Specifically services will include:

• Provision of specialist knowledge, data and design details of the on-site prototype ITM electrolyser, developed during the Keele HyDEPLOY trial.

• A project user requirements assessment for a hydrogen production, storage and vehicle fuelling facility, repurposing the on-site ITM prototype hydrogen production system, and a standard commercially available end-to-end system.

• A project technical requirements review for the construction and build phase including a plan of tie-in points and schedule.

• Assessment of the prototype ITM electrolyser and site facilities to define any modifications needed for safe and compliant repurposing from the initial bespoke design for grid injection, to controlled production and storage for use in vehicles and heat production.

• A site selection assessment, facility delivery plan and delivery of a process flow design and diagrams to inform the overall design, subject to HAZOP review.

• Mass flow calculation to inform application parameters of plant technical and safety requirements for the repurposed facility to fuel on-site vehicles.

• A full survey and specification of required standards and planning applications to be used for the planning, construction and operation.

• Assistance to Keele Estates team to identify and apply for required planning permission, and necessary compliance procedures.

• A site evaluation and review of site safety to include but not limited to: consideration of redundant HyDEPLOY, and new HyDEX demonstrator infrastructure, the need for site segregation zones and reinforcement of current compound, access to services and proximity to connections to services and access for vehicles.

• CAD drawings of the system, site details, and connected services, for use in planning, regulatory processes, and the construction phase.

• A full capital cost estimate with options appraisal for Option a and Option b, with additional option for 350bar installation against a 700bar installation with specification detail for tendering of capital equipment and services.

• Development of a project risk assessment and risk register to be used during planning, construction and operation.

IV.1.8) Information about the Government Procurement Agreement (GPA)

The procurement is covered by the Government Procurement Agreement: Yes

Section V. Award of contract/concession

A contract/lot is awarded: Yes

V.2) Award of contract/concession

V.2.1) Date of conclusion of the contract

19 May 2023

V.2.2) Information about tenders

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

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

Otto Simon Limited

Churchfield House, 5 The Crescent,

Cheadle, Cheshire

SK8 1PS

Country

United Kingdom

NUTS code

- UKD6 - Cheshire

Companies House

Company Number 04656787

Internet address

www.ottosimon.co.uk

The contractor/concessionaire is an SME

Yes

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

Total value of the contract/lot/concession: £303,660

Section VI. Complementary information

VI.3) Additional information

This is a VEAT notice to show our intention to award a public services contract using the Negotiated Procedure without prior publication (Regulation 32 (2) (b) (iii)).

A subsequent award notice will be published in due course.

It is the intention of the University pursuant to its obligations under the Public Contracts Regulations 2015, that a contract for services will be awarded to the stated provider on the basis that:

- the University and Otto Simon Limited have both agreed the contract terms, and

- the successful completion of the 10 days Standstill period.

VI.4) Procedures for review

VI.4.1) Review body

High Court of England and Wales

Royal Courts of Justice, Strand

London

WCA2 2LL

Country

United Kingdom

Internet address

https://www.justice.gov.uk