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Tender

## **KU284 Smart Room Heating Controls - Decarbonisation Scheme**

UNIVERSITY OF KEELE

F02: Contract notice

Notice identifier: 2021/S 000-002385

Procurement identifier (OCID): ocids-h6vhtk-0290b8

Published 5 February 2021, 3:58pm

### **Section I: Contracting authority**

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

UNIVERSITY OF KEELE

Keele Campus

NEWCASTLE

ST55BG

#### **Contact**

Theresa Bill

#### **Email**

[t.bill@keele.ac.uk](mailto:t.bill@keele.ac.uk)

#### **Telephone**

+44 1782734047

#### **Country**

United Kingdom

**NUTS code**

UKG2 - Shropshire and Staffordshire

**Internet address(es)**

Main address

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

**I.3) Communication**

The procurement documents are available for unrestricted and full direct access, free of charge, at

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

Additional information can be obtained from the above-mentioned address

Tenders or requests to participate must be submitted electronically via

<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

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**Section II: Object**

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

**II.1.1) Title**

KU284 Smart Room Heating Controls - Decarbonisation Scheme

Reference number

KU/284/TB/EJ/2020

### **II.1.2) Main CPV code**

- 44115000 - Building fittings

### **II.1.3) Type of contract**

Supplies

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

Tenders are invited from interested parties for the supply and installation of Smart Room Controls (SRC) within a number of campus buildings at Keele University to increase energy efficiency and decrease costs. One of the core issues that the University needs to overcome to reach its zero-carbon target by 2030 is the heating of rooms that are only used occasionally and often overheated.

Following a successful trial of the technology in an Academic building in 2018 and a pilot in a Halls of Residence in 2020, we intend to install the system in the following University :

buildings:

Locations

Academic Buildings

- William Smith
- Mackay
- Huxley
- Hornbeam
- Dorothy Hodgkin
- Darwin
- Chancellors A
- Chancellors B
- Chancellors C

## Halls of Residence

- Barnes W

The system will typically comprise a wall-mounted controller with PIR allowing the user to select the desired temperature when the room is occupied. This will connect to a self-powered radiator actuator and may also connect to ventilation & air conditioning systems where present.

It is expected that the installation should be completed in all buildings no later than 31st July 2021.

### **II.1.5) Estimated total value**

Value excluding VAT: £839,000

### **II.1.6) Information about lots**

This contract is divided into lots: No

## **II.2) Description**

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

- 44115200 - Plumbing and heating materials
- 45315000 - Electrical installation work of heating and other electrical building-equipment
- 48100000 - Industry specific software package
- 72212421 - Facilities management software development services

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

NUTS codes

- UKG2 - Shropshire and Staffordshire

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

Tenders are invited from interested parties for the supply and installation of Smart Room Controls (SRC) within a number of campus buildings at Keele University to increase energy efficiency and decrease costs. One of the core issues that the University needs to overcome to reach its zero-carbon target by 2030 is the heating of rooms that are only used occasionally and often overheated.

Following a successful trial of the technology in an Academic building in 2018 and a pilot in a Halls of Residence in 2020, we intend to install the system in the following University buildings:

#### Locations

##### Academic Buildings

- William Smith
- Mackay
- Huxley
- Hornbeam
- Dorothy Hodgkin
- Darwin
- Chancellors A
- Chancellors B
- Chancellors C

##### Halls of Residence

- Barnes W

The system will typically comprise a wall-mounted controller with PIR allowing the user to select the desired temperature when the room is occupied. This will connect to a self-powered radiator actuator and may also connect to ventilation & air conditioning systems where present. The system will integrate into our existing Building Energy Management System (BeMS) to allow remote operation and monitoring. The system should utilise the campus WiFi as its network access point and an app should be available to allow control for users within the Halls of Residence (wall mounted controllers will not typically be used in these locations). A system with the capability to react to windows being opened is desired although this can be either from direct window contactors or through dynamic air temperature monitoring. A detailed specification can be found in Section 2 of the ITT.

It is expected that the installation should be completed in all buildings no later than 31st July 2021.

Given the need for one Contractor to co-ordinate the delivery of all of the goods and services required, the contract has not been divided into lots.

Funding.

The University has obtained 100% grant funding for decarbonisation works as part of the UK Government COVID-19 response. The Public Sector Decarbonisation Scheme (PSDS) is a £1bn fund being delivered by Salix on behalf of the Department for Business, Energy and Industrial Strategy (BEIS). The scheme is designed to not only support the energy efficiency sector at this difficult time but also to encourage green investment, supporting the Government's net-zero and clean growth goals.

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

Price is not the only award criterion and all criteria are stated only in the procurement documents

#### **II.2.6) Estimated value**

Value excluding VAT: £839,000

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

Start date

31 March 2021

End date

31 July 2021

This contract is subject to renewal

No

#### **II.2.10) Information about variants**

Variants will be accepted: No

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

Options: No

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## **Section III. Legal, economic, financial and technical information**

### **III.1) Conditions for participation**

#### **III.1.2) Economic and financial standing**

Selection criteria as stated in the procurement documents

#### **III.1.3) Technical and professional ability**

Selection criteria as stated in the procurement documents

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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.2.2) Time limit for receipt of tenders or requests to participate**

Date

8 March 2021

Local time

12:00pm

#### **IV.2.4) Languages in which tenders or requests to participate may be submitted**

English

#### **IV.2.6) Minimum time frame during which the tenderer must maintain the tender**

Duration in months: 3 (from the date stated for receipt of tender)

#### **IV.2.7) Conditions for opening of tenders**

Date

8 March 2021

Local time

12:30pm



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## **Section VI. Complementary information**

### **VI.1) Information about recurrence**

This is a recurrent procurement: No

### **VI.2) Information about electronic workflows**

Electronic ordering will be used

Electronic invoicing will be accepted

Electronic payment will be used

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

Tenderers remain responsible for all costs and expenses incurred by them or by any third party acting under instructions from the Tenderer in connection with taking part in this procurement, regardless of whether such costs arise as a direct or indirect consequence of any amendments made to the procurement documents by the University at any time.

Funding:

The University has obtained 100% grant funding for decarbonisation works as part of the UK Government COVID-19 response. The Public Sector Decarbonisation Scheme (PSDS) is a £1bn fund being delivered by Salix on behalf of the Department for Business, Energy and Industrial Strategy (BEIS). The scheme is designed to not only support the energy efficiency sector at this difficult time but also to encourage green investment, supporting the Government's net-zero and clean growth goals.

### **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

**VI.4.2) Body responsible for mediation procedures**

University of Keele, Procurement Office,  
Finance Department, Innovation Centre 2,  
Keele, Staffordshire

ST5 5NH

Email

[t.bill@keele.ac.uk](mailto:t.bill@keele.ac.uk)

Country

United Kingdom

Internet address

<https://www.keele.ac.uk>

**VI.4.3) Review procedure**

Precise information on deadline(s) for review procedures

Any review proceedings should be promptly brought to the attention of the Director of Finance of the University at the address provided above, and will be dealt with in accordance with the requirements of the Public Contracts Regulations 2015 ('PCR 2015'). Any review proceedings must be brought within the time-scales specified by the applicable law, including without limitation, PCR 2015. In accordance with PCR 2015, the University will incorporate a minimum 10 calendar day standstill period from the date information on the award of the contract is communicated to tenderers.

**VI.4.4) Service from which information about the review procedure may be obtained**

University of Keele,  
Procurement Office, Finance Department, Innovation Centre 2,  
Keele, Staffordshire.

ST5 5NH

Email

[t.bill@keele.ac.uk](mailto:t.bill@keele.ac.uk)

Country

United Kingdom

Internet address

<https://www.keele.ac.uk>