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Tender

## **Upgrade to existing High Temperature Intermittent Kiln to fire on 100% Hydrogen**

LUCIDEON LIMITED

F02: Contract notice

Notice identifier: 2023/S 000-022107

Procurement identifier (OCID): ocds-h6vhtk-03eb93

Published 31 July 2023, 10:08am

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

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

LUCIDEON LIMITED

Queens Road, Penkull

STOKE-ON-TRENT

ST47LQ

#### **Contact**

James Till

#### **Email**

[james.till@uk.lucideon.com](mailto:james.till@uk.lucideon.com)

#### **Country**

United Kingdom

**Region code**

UKG23 - Stoke-on-Trent

**Companies House**

Lucideon Limited

**Internet address(es)**

Main address

[www.lucideon.com](http://www.lucideon.com)

**I.3) Communication**

Access to the procurement documents is restricted. Further information can be obtained at

[www.lucideon.com](http://www.lucideon.com)

Additional information can be obtained from the above-mentioned address

Tenders or requests to participate must be submitted electronically via

[www.lucideon.com](http://www.lucideon.com)

Tenders or requests to participate must be submitted to the above-mentioned address

**I.4) Type of the contracting authority**

Other type

Private Limited Company

**I.5) Main activity**

Other activity

Research and Development

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## **Section II: Object**

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

#### **II.1.1) Title**

Upgrade to existing High Temperature Intermittent Kiln to fire on 100% Hydrogen

Reference number

LUC0011

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

- 42300000 - Industrial or laboratory furnaces, incinerators and ovens

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

Supplies

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

The design, supply, and installation of modifications to our existing Intermittent blended Natural Gas / Hydrogen Kiln. Our organisation intends to transition the kiln to fire on 100% hydrogen and a range of hydrogen and natural gas mixes while ensuring its safe and efficient operation.

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

Value excluding VAT: £260,000

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

This contract is divided into lots: No

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

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

NUTS codes

- UKG23 - Stoke-on-Trent

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

We are pleased to submit this formal invitation to tender on behalf of Lucideon Limited for the design, supply, and installation of modifications to our existing Intermittent blended Natural Gas / Hydrogen Kiln. Our organisation intends to transition the kiln to fire on 100% hydrogen and a range of hydrogen and natural gas mixes while ensuring its safe and efficient operation.

The existing asset is used as a laboratory/research platform to undertake a wide range of client driven firing profiles, from heavy clay to advanced ceramics and as such the final design should not compromise the asset's current capabilities, which are; 1750°C max operating temperature, reduction capability, product setting volume to be unchanged, heating ramp rate (c300 °C/hr), natural gas/hydrogen blend controlled on a % volume basis.

Tender Process and Documentation:

This procurement is an EU open procedure carried out in accordance with the Regulations ( Public Contracts Regulations 2015).

Interested parties are to contact James Till at [james.till@uk.lucideon.com](mailto:james.till@uk.lucideon.com) to register their interest and will be provided a copy of the ITT and a PPQ for completion.

If you have any questions or comments in relation to this tender, they must be submitted to [james.till@uk.lucideon.com](mailto:james.till@uk.lucideon.com)

Completed tenders must be submitted to [james.till@uk.lucideon.com](mailto:james.till@uk.lucideon.com) or in writing to our head office.

Closing date for receipt of tenders: 13th October 2023 at 12 noon (UK time).

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

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

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

Duration in months

4

This contract is subject to renewal

No

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

Variants will be accepted: Yes

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

Options: 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: No

#### **IV.2) Administrative information**

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

Date

4 September 2023

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: 6 (from the date stated for receipt of tender)

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

Date

7 September 2023

Local time

9:00am

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### **Section VI. Complementary information**

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

This is a recurrent procurement: No

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

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

Lucideon Limited

Stoke-on-Trent

ST150SH

Email

[james.till@uk.lucideon.com](mailto:james.till@uk.lucideon.com)

Country

United Kingdom