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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

Country

United Kingdom

Region code

UKG23 - Stoke-on-Trent

Companies House

Lucideon Limited

Internet address(es)

Main address

www.lucideon.com

I.3) Communication

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

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

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

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 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

Completed tenders must be submitted to 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

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

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

Country

United Kingdom