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Tender

Upgrade to existing Natural Gas Roller Hearth Tile Kiln to fire on 100% Hydrogen

LUCIDEON LIMITED

F02: Contract notice

Notice identifier: 2023/S 000-024797

Procurement identifier (OCID): ocds-h6vhtk-03f64f

Published 23 August 2023, 12:53pm

The closing date and time has been changed to:

6 October 2023, 12:00pm

See the [change notice](#).

Section I: Contracting authority

I.1) Name and addresses

LUCIDEON LIMITED

Queens Road

STOKE-ON-TRENT

ST47LQ

Contact

James Till

Email

james.till@uk.lucideon.com

Telephone

+44 1785331900

Country

United Kingdom

Region code

UKG23 - Stoke-on-Trent

Companies House

LUC0012

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 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 Natural Gas Roller Hearth Tile Kiln to fire on 100% Hydrogen

Reference number

LUC0012

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 Natural Gas Roller Hearth Tile Kiln. Our organisation intends to transition the kiln to operate on 100% hydrogen, whilst retaining the existing natural gas combustion system and ensuring its safe and efficient operation. The kiln therefore requires the parallel installation of 100% hydrogen rated burners.

II.1.5) Estimated total value

Value excluding VAT: £200,000

II.1.6) Information about lots

This contract is divided into lots: No

II.2) Description

II.2.3) Place of performance

NUTS codes

- UKG2 - Shropshire and Staffordshire

Main site or place of performance

Lucideon Limited, Lucideon Limited, Queens Road, Penkhull Stoke-on-Trent,
Staffordshire ST4 7LQ, UK

II.2.4) Description of the procurement

The design, supply, and installation of modifications to our existing Natural Gas Roller Hearth Tile Kiln. Our organisation intends to transition the kiln to operate on 100% hydrogen, whilst retaining the existing natural gas combustion system and ensuring its safe and efficient operation. The kiln therefore requires the parallel installation of 100% hydrogen rated burners.

The existing asset has been used in the past to investigate the use of Flash Sintering of ceramic tiles is used as a laboratory/research platform for the ceramic tile sector and as such the final design should not compromise the asset's current capabilities, which are; 1170°C peak operating temperature, product setting volume to be unchanged

The existing asset was recommissioned in January 2023 after several years of being offline. It has a fully integrated SCADA control system that manages the kiln automation and combustion control current operation.

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 PQQ 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: 27th September 2023 at 15:00 (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

6

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

Originally published as:

Date

27 September 2023

Local time

3:00pm

Changed to:

Date

6 October 2023

Local time

12:00pm

See the [change notice](#).

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

English

IV.2.7) Conditions for opening of tenders

Date

28 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

Telephone

+44 1785331900

Country

United Kingdom