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Award

## **4855/AMRC/GM/2025 Kiln Modification for Hydrogen / Natural Gas Mix R2**

UNIVERSITY OF SHEFFIELD

UK6: Contract award notice - Procurement Act 2023 - [view information about notice types](#)

Notice identifier: 2025/S 000-083001

Procurement identifier (OCID): ocds-h6vhtk-05ab86 ([view related notices](#))

Published 15 December 2025, 3:27pm

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### **Scope**

### **Reference**

4855/AMRC/GM/2025

### **Description**

4855/AMRC/GM/2025 Kiln Modification for Hydrogen / Natural Gas Mix

The University of Sheffield wishes to invite tenders for a Kiln Modification for Hydrogen / Natural Gas Mix on behalf of the Advanced Manufacturing Research Centre, Castings Group at Catcliffe, South Yorkshire.

#### **Scope of Requirement**

The University of Sheffield Advanced Manufacturing Research Centre (AMRC) wishes to convert its existing kiln from natural gas to a natural gas and hydrogen blend.

Sustainable Manufacturing is a core theme within the AMRC's Technology Strategy and part of that theme is to decarbonise our own operations and to act as a demonstrator and experimental test bed for UK manufacturers looking to decarbonise their own operations.

AMRC Castings are investing in pyrolysis equipment to supply our mould firing kiln with decarbonised natural gas (i.e. hydrogen / natural gas blend). This is being tendered in parallel with this tender process.

The furnace is a 656kW kiln used for firing the ceramic shells used for investment casting. This will need modification/upgrading to be capable of operating with different blends of hydrogen and natural gas.

It is imperative that the conversion of our furnace includes interaction with the control system of the decarburisation equipment to comply with H&S requirements for emergency situations.

Tender Process and Documentation:

This procurement is an EU open procedure conducted in accordance with the Procurement ACT 2023.

The ITT can be downloaded by registering and expressing your interest on the University's e-tendering system <https://in-tendhost.co.uk/Sheffield>

If you have any questions or comments in relation to this tender they must be submitted via the In-tend System, this can be accessed at <https://in-tendhost.co.uk/Sheffield>

Closing date for the tender return is on November 11, 2025 at 12 noon (UK time).

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## **Contract 1. 4585/AMRC/CK/25 Gas Decarbonisation Equipment & Carbon Removal Services R2**

**Supplier**

- [Therser \(UK\) Limited](#)

### **Contract value**

- £399,613 excluding VAT
- £479,535 including VAT

Above the relevant threshold

### **Award decision date**

15 December 2025

### **Date assessment summaries were sent to tenderers**

15 December 2025

### **Standstill period**

- End: 24 December 2025
- 8 working days

### **Earliest date the contract will be signed**

5 January 2026

### **Contract dates (estimated)**

- 6 January 2026 to 13 July 2027
- 1 year, 6 months, 8 days

## **Main procurement category**

Goods

## **Options**

The right to additional purchases while the contract is valid.

Few additional items.

## **CPV classifications**

- 09123000 - Natural gas
- 24311800 - Carbon
- 39300000 - Miscellaneous equipment
- 42900000 - Miscellaneous general and special-purpose machinery
- 42990000 - Miscellaneous special-purpose machinery
- 51514000 - Installation services of miscellaneous general-purpose machinery

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## **Information about tenders**

- 1 tender received
- 1 tender assessed in the final stage:
  - 1 submitted by small and medium-sized enterprises (SME)
  - 0 submitted by voluntary, community and social enterprises (VCSE)

- 1 supplier awarded contracts
- 0 suppliers unsuccessful (details included for contracts over £5 million)

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## Procedure

### Procedure type

Open procedure

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## Supplier

### Therser (UK) Limited

- Companies House: 06843333

Walley Street, Burslem, Stoke On Trent,

Staffordshire

ST6 2AH

United Kingdom

Email: [matthewpound@therseruk.com](mailto:matthewpound@therseruk.com)

Website: <https://www.therseruk.com/>

Region: UKG23 - Stoke-on-Trent

Small or medium-sized enterprise (SME): Yes

Voluntary, community or social enterprise (VCSE): No

Supported employment provider: No

Public service mutual: No

Contract 1. 4585/AMRC/CK/25 Gas Decarbonisation Equipment & Carbon Removal Services R2

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## Contracting authority

### UNIVERSITY OF SHEFFIELD

- Companies House: RC000667

Firth Court, Western Bank

Sheffield

S10 2TN

United Kingdom

Contact name: Ghulam Mujtaba

Email: [procurement@sheffield.ac.uk](mailto:procurement@sheffield.ac.uk)

Website: <https://www.sheffield.ac.uk/>

Region: UKE32 - Sheffield

Organisation type: Public authority - sub-central government