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Award

## **Conducting tests for HEM:FHS Model development**

Department for Energy Security & Net Zero

UK5: Transparency notice - Procurement Act 2023 - [view information about notice types](#)

Notice identifier: 2026/S 000-008121

Procurement identifier (OCID): ocds-h6vhtk-061232

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### **Scope**

### **Description**

To validate the performance of the home energy model future homes standard wrapper (HEM:FHS); by comparing the model predictions against actual results from tests run in controlled standardised conditions.

The requirement is for 6 separate tests, to cover a variety of key scenarios, featuring two weather conditions, two heating patterns, and two setups of heating (underfloor or radiators).

The results from the experiments will need to be supplied in a report containing the raw data from each of the six experiments to enable further analysis by the HEM quality assurance contractors and DESNZ HEM analyst team.

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## **Contract 1. Validation of HEM:FHS Model Development**

### **Supplier**

- The University of Salford

### **Contract value**

- £101,970 excluding VAT
- £122,364 including VAT

Below the relevant threshold

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

23 February 2026

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

- 2 March 2026 to 31 March 2026
- Possible extension to 30 June 2026
- 3 months, 30 days

Description of possible extension:

Time only extension to enable validation and testing requirement to be completed

### **Main procurement category**

Services

## **CPV classifications**

- 98113000 - Services furnished by specialist organisations
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## **Participation**

### **Particular suitability**

- Small and medium-sized enterprises (SME)
  - Voluntary, community and social enterprises (VCSE)
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## **Procedure**

### **Procedure type**

Direct award

### **Direct award justification**

Prototypes and development

This requirement outcome will provide DESNZ with assurance of accuracy and quality of the HEM:FHS model currently being built for DESNZ .

The facility owned by the University offers DESNZ with a unique opportunity to test its HEM:FHS wrapper model suitability in the development stages of this model.

The rationale for this direct award is under Direct award Justification under The Procurement Act Schedule 5

## Prototypes and development

2 - The public contract concerns the production of a prototype, or supply of other novel goods or services, for the purpose of—

(a) testing the suitability of the goods or services,

(b) researching the viability of producing or supplying the goods or services at scale and developing them for that purpose, or

(c) other research, experiment, study or development.

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## Supplier

### **The University of Salford**

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Manchester

M5 4WT

United Kingdom

Email: [energyhouselabs@salford.ac.uk](mailto:energyhouselabs@salford.ac.uk)

Region: UKD34 - Greater Manchester South West

Small or medium-sized enterprise (SME): No

Voluntary, community or social enterprise (VCSE): No

Contract 1. Validation of HEM:FHS Model Development

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## **Contracting authority**

### **Department for Energy Security & Net Zero**

- Public Procurement Organisation Number: PDHQ-2163-WYMH

55 Whitehall

London

SW1A 2HP

United Kingdom

Email: [NZBIcommercial@energusecurity.gov.uk](mailto:NZBIcommercial@energusecurity.gov.uk)

Region: UKI32 - Westminster

Organisation type: Public authority - central government