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Tender

Fuel Poverty Modelling

Department for Energy Security & Net Zero

F02: Contract notice

Notice identifier: 2024/S 000-000279

Procurement identifier (OCID): ocds-h6vhtk-042ad2

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Section I: Contracting authority

I.1) Name and addresses

Department for Energy Security & Net Zero

London

Email

mercedes.ekanem@energysecurity.gov.uk

Country

United Kingdom

Region code

UK - United Kingdom

Internet address(es)

Main address

<https://www.gov.uk/government/organisations/department-for-energy-security-and-net-zero>

I.3) Communication

The procurement documents are available for unrestricted and full direct access, free of charge, at

<https://beisgroup.ukp.app.jaggaer.com/go/37219272018CD4EB504C>

Additional information can be obtained from the above-mentioned address

Tenders or requests to participate must be submitted electronically via

<https://beisgroup.ukp.app.jaggaer.com/go/37219272018CD4EB504C>

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

I.4) Type of the contracting authority

Body governed by public law

I.5) Main activity

General public services

Section II: Object

II.1) Scope of the procurement

II.1.1) Title

Fuel Poverty Modelling

II.1.2) Main CPV code

- 71314000 - Energy and related services

II.1.3) Type of contract

Services

II.1.4) Short description

The Department for Energy Security and Net Zero is legally bound to monitor and publish estimates of fuel poverty by the Warm Homes and Conservation Act 2001, as amended by the Energy Act 2013.

Fuel poverty is measured based on a combination of energy efficiency, energy costs and household income. All the fuel poverty indicators used in England and the other UK nations

use these core three measurements to calculate the individual metrics used by each nation to determine whether a household is fuel poor, how deep into fuel poverty it is and what changes in energy efficiency or income/costs would be needed to remove the household from fuel

poverty.

The objective of this modelling project is to model those three estimates for households taking part in the English Housing Survey physical survey. While the current metric for fuel poverty in England will be reviewed in the fuel poverty strategy update next year the vast majority of the proposed contracted work is to derive these core measurements that will underpin any likely metric choice. The project will involve developing a detailed

understanding of the data sources, energy demand modelling and the fuel poverty metric(s). The modelling needs to continually evolve over time as building technologies, household behaviour and

changes in energy demand, energy pricing and impacts of Government policy all have impact on the number and type of fuel poor households that need to be understood.

The modelling will be used to deliver the annual Fuel Poverty National Statistics consistent with the latest English Housing Survey. The modelling will be used for subsequent in-house projections by DESNZ:

<https://www.gov.uk/government/collections/fuel-poverty-statistics>

II.1.6) Information about lots

This contract is divided into lots: No

II.2) Description

II.2.3) Place of performance

NUTS codes

- UK - United Kingdom

II.2.4) Description of the procurement

The Department for Energy Security & Net Zero (DESNZ) are looking for the provision of annual modelling of the fuel poverty status of households using the secondary modelling of income, energy efficiency and energy costs for households taking part in the English Housing Survey

(EHS) survey.

The work will be used to identify households in fuel poverty under the Low Income Low Energy Efficiency and 10% affordability metrics, together with calculation of the fuel poverty gap. The model needs to capture the impact of established and temporary policy effects.

Three key outputs required for the fuel poverty modelling:

- A fuel poverty dataset: with raw EHS and fuel poverty inputs data, as well as new modelled variables.
- Documentation of quality assurance processes and assumptions logs used in the

modelling. • A methodology report outlining the key steps and processes used to model fuel poverty,

including key assumptions and models used.

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

Start date

11 March 2024

This contract is subject to renewal

No

II.2.10) Information about variants

Variants will be accepted: No

II.2.11) Information about options

Options: No

II.2.13) Information about European Union Funds

The procurement is related to a project and/or programme financed by European Union funds: 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: Yes

IV.2) Administrative information

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

Date

7 February 2024

Local time

12:00pm

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

English

IV.2.7) Conditions for opening of tenders

Date

7 February 2024

Local time

12:00pm

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

Department for Energy Security & Net Zero

London

Country

United Kingdom