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Planning

## **Research on life cycle assessments of steel, cement and concrete**

Department for Energy Security and Net Zero

F01: Prior information notice

Prior information only

Notice identifier: 2023/S 000-032476

Procurement identifier (OCID): ocds-h6vhtk-04115a

Published 2 November 2023, 3:53pm

### **Section I: Contracting authority**

#### **I.1) Name and addresses**

Department for Energy Security and Net Zero

London

#### **Contact**

Melanie Jans-Singh

#### **Email**

[energyresearch@energysecurity.gov.uk](mailto:energyresearch@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.2) Information about joint procurement**

The contract is awarded by a central purchasing body

**I.3) Communication**

Additional information can be obtained from the above-mentioned address

**I.4) Type of the contracting authority**

Ministry or any other national or federal authority

**I.5) Main activity**

General public services

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## **Section II: Object**

### **II.1) Scope of the procurement**

#### **II.1.1) Title**

Research on life cycle assessments of steel, cement and concrete

#### **II.1.2) Main CPV code**

- 73000000 - Research and development services and related consultancy services

#### **II.1.3) Type of contract**

Services

#### **II.1.4) Short description**

This project will compare the methodology, outputs and data quality of different Life Cycle Assessment methodologies and standards widely used for construction products, particularly steel, cement and concrete. The methodologies compared will include widely used international standards for Environmental Product Declarations (EPDs), the newly developed EU CBAM (Carbon Border Adjustment Methodology), and the GHG Protocol.

Expected outputs include:

- Infographics with benchmarks and data quality
- A tool to develop life cycle assessments using different methodologies (including CBAM and EPDs)
- Comparison of life cycle emissions using different methodologies using site and modelled data
- Input and benchmark data for UK and imported products

The project is expected to run to March 2025, budget is a maximum of £175k.

#### **II.1.5) Estimated total value**

Value excluding VAT: £175,000

#### **II.1.6) Information about lots**

This contract is divided into lots: No

## **II.2) Description**

### **II.2.2) Additional CPV code(s)**

- 73000000 - Research and development services and related consultancy services

### **II.2.3) Place of performance**

NUTS codes

- UK - United Kingdom

### **II.2.4) Description of the procurement**

The research project will develop a tool to produce LCAs of concrete, steel and cement products purchased and/or produced in the UK. It will investigate variation and take-up of different reporting programmes.

The procurement will be an open competition, and consortia and partnerships are encouraged to ensure a diversity of products and methods are included.

### **II.2.14) Additional information**

Date: 16th November 2023, 3-5pm

Location: Hybrid: online and Great Minster House, Department For Transport, London, SW1P 4DR

Purpose of the supplier day:

- \* Early information of project plan and procurement timelines
- \* Opportunity for suppliers to meet and develop partnerships
- \* Engagement with market for feedback on proposal

Please register using this link: <https://forms.office.com/e/FLNbKW3drB>

## **II.3) Estimated date of publication of contract notice**

15 December 2023

## **Section IV. Procedure**

### **IV.1) Description**

#### **IV.1.8) Information about the Government Procurement Agreement (GPA)**

The procurement is covered by the Government Procurement Agreement: Yes