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Planning

# Digital Upgrade of the UK Greenhouse Gas Inventory System

Department for Business, Energy & Industrial Strategy

F01: Prior information notice

Prior information only

Notice identifier: 2023/S 000-001799

Procurement identifier (OCID): ocids-h6vhtk-03992c

Published 20 January 2023, 10:42am

## Section I: Contracting authority

### I.1) Name and addresses

Department for Business, Energy & Industrial Strategy

1 Victoria Street

London

SW1H 0ET

#### Email

[greenhousegas.statistics@beis.gov.uk](mailto:greenhousegas.statistics@beis.gov.uk)

#### Country

United Kingdom

#### Region code

UK - United Kingdom

### **Internet address(es)**

Main address

<https://beisgroup.ukp.app.iaggaer.com/>

### **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**

Digital Upgrade of the UK Greenhouse Gas Inventory System

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

- 72222300 - Information technology services

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

Services

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

BEIS wish to procure services to substantially upgrade & improve the software system used to generate annual estimates of Greenhouse Gas & pollutant emissions across the UK. Currently a set of XLS files, Access databases & SQL, with other software linking these, are used to store, process & report data. Outputs from this system are used by UK Gov to report against our emissions targets (inc. Carbon Budgets, Paris Agreement).

Based on a requirement that will be provided you will develop a new software approach which streamlines the system, using standard architecture across all inventory sectors to store, analyse, and report emissions. The system will be:

- Modular: such that individual inventory categories can be migrated over time.
- Extendible & Flexible: such that the system can readily accommodate new methods.
- Secure.

The supplier must be familiar Intergovernmental Panel on Climate Change inventory guidelines and must align the work with these.

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

Value excluding VAT: £2,000,000

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

This contract is divided into lots: No

## **II.2) Description**

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

- 48461000 - Analytical or scientific software package
- 48463000 - Statistical software package
- 48610000 - Database systems
- 72212990 - Spreadsheets and enhancement software development services
- 72225000 - System quality assurance assessment and review services
- 72226000 - System software acceptance testing consultancy services
- 73110000 - Research services

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

NUTS codes

- UK - United Kingdom

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

Procurement of technical and scientific services to

- take an existing detailed specification of requirement
- turn this into a plan for software system development
- construct the new system to estimate GHG and air quality pollutant emissions, ensuring that the outputs of the new system reproduce the outputs of the existing system, or where differences exist these are understood, documented, and accepted
- ensure that an arm's length Digital Assurance function is provided within the Contract to enable independent scrutiny and sign-off of each finalized element of the solution
- liaise with key users throughout development, to ensure product meets user needs, and align system development with existing IPCC Inventory Guidelines and United Nations

Framework Convention on Climate Change (UNFCCC) emissions reporting requirements

- Project Manage this work and provide regular updates to BEIS on risks, progress, timelines, and costs

See <https://naei.beis.gov.uk/about/national-inventory-system> for more information on the current UK National Inventory System

As well as digital project management, the supplier will need to be able to demonstrate an understanding of GHG and air quality inventory methods, and the application of these methods through software. Consortium bids that provide the required scientific and software skills and experience are welcomed.

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

We will be hosting a supplier engagement session on the morning of Friday 17th March for this requirement. We will be detailing our requirements, as well as opening up for questions. Please register your interest directly via Jaggaer to confirm your attendance.

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

1 June 2023

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## **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

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## **Section VI. Complementary information**

### **VI.3) Additional information**

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