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Planning

Greenhouse Gas Emissions Monitoring and Verification Programme

Department for Energy Security and Net Zero

F01: Prior information notice

Prior information only

Notice identifier: 2023/S 000-014625

Procurement identifier (OCID): ocids-h6vhtk-02e41c

Published 23 May 2023, 12:38pm

Section I: Contracting authority

I.1) Name and addresses

Department for Energy Security and Net Zero

1 Victoria Street

London

SW1H 0ET

Email

greenhousegas.statistics@beis.gov.uk

Country

United Kingdom

Region code

UK - United Kingdom

Internet address(es)

Main address

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

Buyer's address

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

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

Section II: Object**II.1) Scope of the procurement****II.1.1) Title**

Greenhouse Gas Emissions Monitoring and Verification Programme

II.1.2) Main CPV code

- 73110000 - Research services

II.1.3) Type of contract

Services

II.1.4) Short description

DESNZ is seeking to procure a contractor to monitor atmospheric greenhouse gas concentrations for all the principal gases reported in the UK greenhouse gas emissions inventory. The data will provide independent verification of the inventory. The contractor

will monitor, at a minimum, the gases listed in the UNFCCC guidelines for reporting under the Paris Agreement, and in addition, CFCs and hydrogen. They will use the data to infer Northern Hemisphere background concentrations and UK emissions; geographical distributions; and where possible, disaggregation of emissions by source sector. The supplier will implement an iterative, continuous programme of improvements, and will work towards annual UK emissions estimates for hydrogen. The contractor will compare trends in the data to what is reported in the UK inventory and use the data to identify areas for improvement in the inventory. DESNZ is looking to widen engagement in this area and would encourage a broad consortium approach.

II.1.5) Estimated total value

Value excluding VAT: £5,700,000

II.1.6) Information about lots

This contract is divided into lots: No

II.2) Description

II.2.2) Additional CPV code(s)

- 71351611 - Climatology services
- 90730000 - Pollution tracking and monitoring and rehabilitation
- 90731700 - Carbon dioxide monitoring services

II.2.3) Place of performance

NUTS codes

- UK - United Kingdom

II.2.4) Description of the procurement

The outputs from the programme will be:

Atmospheric gas concentration data, covering (as a minimum) the gases covered in UNFCCC guidelines for reporting under the Paris Agreement (these are CO₂, CH₄, N₂O, PFCs, HFCs, NF₃, and SF₆), molecular hydrogen (H₂), and CFCs.

Modelling of the data to infer UK emissions and their geographical distribution, on

temporal scales that are comparable to, or better than, those reported in Annex 6 of the UK's National Inventory Report.

Analysis comparing absolute values and trends in this data to what is reported in the inventory, and analysis of the drivers behind discrepancies between verification and inventory data.

Implementation of an iterative, continuous programme of improvements, including working to incorporate new data sources for the sectoral apportionment of methane.

Scoping of, and work towards, producing an annual UK emissions estimate for hydrogen. Note the budget does not include funds earmarked for the purchase of measurement equipment.

II.2.14) Additional information

DESNZ is holding a supplier event on Thursday 15th June at 10am.

Please register your interest for the event by 5pm on Monday 12th June by sending your name, email, organisation and job title to greenhousegas.statistics@beis.gov.uk, indicating whether you would like to book a 15-minute 1:1 slot with a member of the DESNZ team; these are limited and allocated on a first-come first-served basis.

II.3) Estimated date of publication of contract notice

15 August 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

IV.2) Administrative information

IV.2.1) Previous publication concerning this procedure

Notice number: [2022/S 000-028554](#)

Section VI. Complementary information

VI.3) Additional information

DESNZ is holding a supplier event on Thursday 15th June at 10am.

Please register your interest for the event by 5pm on Monday 12th June by sending your name, email, organisation and job title to greenhousegas.statistics@beis.gov.uk, indicating whether you would like to book a 15-minute 1:1 slot with a member of the DESNZ team; these are limited and allocated on a first-come first-served basis.