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Planning

## **Measurement and Modelling of Waste Composition in England**

Defra Network eTendering Portal

F01: Prior information notice

Prior information only

Notice identifier: 2022/S 000-009073

Procurement identifier (OCID): ocids-h6vhtk-032a0c

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

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

Defra Network eTendering Portal

17 Nobel House

London

SW1P 3JR

#### **Contact**

Leonie Cormac

#### **Email**

[Leonie.cormac@defra.gov.uk](mailto:Leonie.cormac@defra.gov.uk)

#### **Telephone**

+44 2072385921

**Country**

United Kingdom

**NUTS code**

UK - United Kingdom

**Internet address(es)**

Main address

<https://defra.bravosolution.co.uk>

**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**

National or federal Agency/Office

**I.5) Main activity**

Environment

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## **Section II: Object**

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

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

Measurement and Modelling of Waste Composition in England

#### **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**

Defra wishes to update its data on the composition of mixed waste and use the updated information, as well as wider insights, to develop a predictive model. The waste composition fieldwork will cover mixed municipal and non-municipal wastes from up to 50 waste and recycling streams. Representative samples of waste from each stream will be sampled and sorted into materials/items using a category list supplied by Defra. Each material category sampled and sorted will be weighed. Data will be scaled up to tonnages using the EWC/LoW codes. A model will be developed using this data and a package of work investigating the drivers of waste composition.

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

Value excluding VAT: £2,000,000

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

This contract is divided into lots: Yes

Maximum number of lots that may be awarded to one tenderer: 1

The contracting authority reserves the right to award contracts combining the following lots or groups of lots:

Defra will procure the work in two Lots. The first Lot will cover fieldwork and development of the model. The second Lot is to appoint an independent fieldwork auditor who will assure the processes deployed minimise the risk of errors and inaccuracies in the data.

## **II.2) Description**

### **II.2.1) Title**

Develop a model to predict and forecast waste composition for all EWC/LoW codes, based on extensive new data gathering

Lot No

1

### **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**

Lot 1 is divided into four packages of work (WPs), with design and reporting included within each. Overall project management should be shown as a separate package of work (i.e. WP5).

o WP 1 covers the collection of new primary data using scientific measurement methods, often referred to as 'waste composition analysis.' It also includes gathering and collating secondary data.

o WP 2 involves desk-based and potentially primary research into the drivers of waste composition.

o WP 3 combines the outputs of WPs 1 and 2 to create a predictive model.

o WP 4 reviews the approaches used in the project, looks forward, to new methods of generating measurement-based data on the composition of waste, and makes recommendations for future programmes of work, including anything that may be needed for delivering our collection and packaging reforms (DRS, EPR and consistency).

o WP5 is for management activities.

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

Suppliers may bid for one or both Lots. Lot 1 will be evaluated first. Bids for Lot 2 from

suppliers unsuccessful in Lot 1 will be combined with those bidding only for Lot 2 and will go forwards for evaluation. We have taken this approach to enable the Lot 2 supplier to be in contract in time for the start of the fieldwork required in Lot 1.

## **II.2) Description**

### **II.2.1) Title**

Fieldwork quality assurance

Lot No

2

### **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**

Lot 2 is to appoint a fieldwork quality auditor. The successful supplier will be responsible for assuring that delivery of the fieldwork is in line with the quality assurance standards set out by the successful Lot 1 contractor.

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

6 May 2022

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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: No

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## Section VI. Complementary information

### VI.3) Additional information

Defra would like to invite interested suppliers to join an Early Market Engagement Event, in order to share a draft of the Specification and gather feedback on specific elements, which will help shape our requirement. If you are interested in participating in this event, please email [leonie.cormac@defra.gov.uk](mailto:leonie.cormac@defra.gov.uk) by Tuesday 12/04/2022 (12:00). A maximum of two participants from each organisation may join the event. The event will be held virtually through Microsoft Teams and is scheduled for 16:00 – 17:00 on Wednesday 13th April 2022. A copy of the draft Specification will be shared after the call. Please note, the call will be recorded and transcribed, with the intention that it is shared with interested parties who are unable to attend the event.