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Tender

CEFAS21-138 ITT (OCP) 2x micro-FTIRs for Belize

Cefas

F02: Contract notice

Notice identifier: 2021/S 000-030748

Procurement identifier (OCID): ocids-h6vhtk-02ff93

Published 9 December 2021, 10:45pm

The closing date and time has been changed to:

14 January 2022, 11:00am

See the [change notice](#).

Section I: Contracting authority

I.1) Name and addresses

Cefas

Pakefield Road

Lowestoft

NR33 0HT

Email

procure@cefas.co.uk

Telephone

+44 1502527766

Country

United Kingdom

NUTS code

UKH1 - East Anglia

Internet address(es)

Main address

www.cefas.co.uk

I.3) Communication

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

<https://defra.bravosolution.co.uk/go/69565301017D9E7C3628>

Additional information can be obtained from the above-mentioned address

Tenders or requests to participate must be submitted electronically via

<https://defra.bravosolution.co.uk/go/69565301017D9E7C3628>

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

I.4) Type of the contracting authority

Ministry or any other national or federal authority

I.5) Main activity

Environment

Section II: Object

II.1) Scope of the procurement

II.1.1) Title

CEFAS21-138 ITT (OCP) 2x micro-FTIRs for Belize

II.1.2) Main CPV code

- 38510000 - Microscopes

II.1.3) Type of contract

Supplies

II.1.4) Short description

There is a growing concern about the widespread occurrence and abundance of microplastics (particles below 5 mm in size) and their unknown environmental effects. To date, there is no widely accepted protocols for the extraction and detection of microplastics in environmental compartments (sediment, biota and water). Cefas has developed a fast screening method for microplastics in environmental compartments but is currently lacking the capability for particle characterisation for the smaller sized items (below 500 m in size). This capability is required for the accurate investigation in microplastic concentrations and composition that is essential to assess their behaviour in the environment and the risks for biota and human health related to exposure. Tight deadlines to deliver national and international projects is creating an urgent necessity to process samples quickly to cope with the high volume. However, gains in time-efficiency in the data acquisition have usually resulted in a reducing spatial resolution. Therefore, the ability to rapidly process whilst maintaining accuracy and spatial resolution is a critical requirement for this application.

As a result, the marine litter team at Cefas Lowestoft Laboratory requires a 2x fully motorised micro-FTIR's in order to carry out analysis on microplastics particles. The units will be housed at the University of Belize and Department for the Environment (addresses below) and therefore will required to be delivered and installed in Belize. The main objective is the quantification and characterisation of extracted particles onto filters from sediment, biota and water samples quickly, efficiently and accurately.

<https://defra.bravosolution.co.uk/go/69565301017D9E7C3628>

II.1.5) Estimated total value

Value excluding VAT: £180,000

II.1.6) Information about lots

This contract is divided into lots: No

II.2) Description

II.2.2) Additional CPV code(s)

- 51430000 - Installation services of laboratory equipment

II.2.3) Place of performance

NUTS codes

- BZ - Belize

II.2.4) Description of the procurement

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As a result, the marine litter team at Cefas Lowestoft Laboratory requires a 2x fully motorised micro-FTIR's in order to carry out analysis on microplastics particles. The units will be housed at the University of Belize and Department for the Environment (addresses below) and therefore will required to be delivered and installed in Belize. The main objective is the quantification and characterisation of extracted particles onto filters from sediment, biota and water samples quickly, efficiently and accurately.

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

Duration in months

12

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: No

IV.2) Administrative information

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

Originally published as:

Date

10 January 2022

Local time

4:00pm

Changed to:

Date

14 January 2022

Local time

11:00am

See the [change notice](#).

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

English

IV.2.7) Conditions for opening of tenders

Date

11 January 2022

Local time

8:00am

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

The High Court

The Strand

London

Country

United Kingdom