

This is a published notice on the Find a Tender service: <https://www.find-tender.service.gov.uk/Notice/003491-2022>

Contract

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

Cefas

F03: Contract award notice

Notice identifier: 2022/S 000-003491

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

Published 7 February 2022, 10:45pm

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

UK - United Kingdom

Internet address(es)

Main address

www.cefas.co.uk

I.4) Type of the contracting authority

Body governed by public law

I.5) Main activity

Environment

Section II: Object

II.1) Scope of the procurement

II.1.1) Title

CEFAS21-138 ITT (OCPP) 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.

II.1.6) Information about lots

This contract is divided into lots: No

II.1.7) Total value of the procurement (excluding VAT)

Value excluding VAT: £186,000

II.2) Description

II.2.3) Place of performance

NUTS codes

- UK - United Kingdom

II.2.4) Description of the procurement

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.

II.2.5) Award criteria

Price

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: Yes

IV.2) Administrative information

IV.2.1) Previous publication concerning this procedure

Notice number: [2021/S 000-030748](#)

Section V. Award of contract

A contract/lot is awarded: Yes

V.2) Award of contract

V.2.1) Date of conclusion of the contract

7 February 2022

V.2.2) Information about tenders

Number of tenders received: 2

The contract has been awarded to a group of economic operators: No

V.2.3) Name and address of the contractor

Bruker UK Ltd

Coventry

Country

United Kingdom

NUTS code

- UKG - West Midlands (England)

The contractor is an SME

No

V.2.4) Information on value of contract/lot (excluding VAT)

Total value of the contract/lot: £186,000

Section VI. Complementary information

VI.4) Procedures for review

VI.4.1) Review body

The High Court

London

Country

United Kingdom