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Tender

CEFAS21-144 ITT HR-GC-MS

Cefas

F02: Contract notice

Notice identifier: 2021/S 000-031315

Procurement identifier (OCID): ocds-h6vhtk-0301ca

Published 15 December 2021, 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

UKH1 - East Anglia

Internet address(es)

Main address

www.cefascos.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/73180336017DBF089026>

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/73180336017DBF089026>

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

CEFAS21-144 ITT HR-GC-MS

II.1.2) Main CPV code

- 38433100 - Mass spectrometer

II.1.3) Type of contract

Supplies

II.1.4) Short description

Requirement for a gas chromatograph - high resolution accurate mass spectrometric system (GC-HRMS) to maintain and enhance Cefas' capability for specialist environmental contaminants determination at trace and ultra-trace level in the marine environment. Critically, this enhanced capability will principally enable the targeted analysis of known hazardous substances (such as PCBs, PAHs, PBDE flame retardants, pesticides, etc...), and enable the screening of suspect and non-target chemicals of emerging concern (CECs), including characterisation of unknown substances with maximum confidence. Typical sample matrices analysed include sediments, biota (such as fish, shellfish or aquatic mammals), passive samplers or oils.

In addition, the system proposed should include an integrated option for fully comprehensive GC x GC capability to enable enhanced separation of complex mixtures originating from challenging applications and matrices. These might include sample extracts from biotic materials (e.g. livers) or fingerprinting of oil hydrocarbons (from ca C8-C10 and above) including high molecular weight biomarkers for new marker discovery and forensic application in oil spill incidents. For some applications, it is expected that quantification of substances separated by GC x GC might be required.

II.1.5) Estimated total value

Value excluding VAT: £250,000

II.1.6) Information about lots

This contract is divided into lots: No

II.2) Description

II.2.3) Place of performance

NUTS codes

- UKH1 - East Anglia

II.2.4) Description of the procurement

There is a requirement for a gas chromatograph - high resolution accurate mass spectrometric system (GC-HRMS) to maintain and enhance Cefas' capability for specialist environmental contaminants determination at trace and ultra-trace level in the marine environment. Critically, this enhanced capability will principally enable the targeted analysis of known hazardous substances (such as PCBs, PAHs, PBDE flame retardants,

pesticides, etc...), and enable the screening of suspect and non-target chemicals of emerging concern (CECs), including characterisation of unknown substances with maximum confidence. Typical sample matrices analysed include sediments, biota (such as fish, shellfish or aquatic mammals), passive samplers or oils.

In addition, the system proposed should include an integrated option for fully comprehensive GC x GC capability to enable enhanced separation of complex mixtures originating from challenging applications and matrices. These might include sample extracts from biotic materials (e.g. livers) or fingerprinting of oil hydrocarbons (from ca C8-C10 and above) including high molecular weight biomarkers for new marker discovery and forensic application in oil spill incidents. For some applications, it is expected that quantification of substances separated by GC x GC might be required.

II.2.5) Award criteria

Price is not the only award criterion and all criteria are stated only in the procurement documents

II.2.6) Estimated value

Value excluding VAT: £250,000

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

Date

14 January 2022

Local time

12:00pm

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

English

IV.2.7) Conditions for opening of tenders

Date

14 January 2022

Local time

12:00pm

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

London

Country

United Kingdom