

This is a published notice on the Find a Tender service: <https://www.find-tender.service.gov.uk/Notice/031315-2021>

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](mailto:procure@cefas.co.uk)

#### **Telephone**

+44 1502527766

#### **Country**

United Kingdom

#### **NUTS code**

UKH1 - East Anglia

**Internet address(es)**

Main address

[www.cefas.co.uk](http://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/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