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Planning

## **Supply of Isotope Ratio Mass Spectrometer (IRMS)**

National Physical Laboratory

F01: Prior information notice

Prior information only

Notice identifier: 2021/S 000-009355

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

Published 29 April 2021, 10:55pm

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

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

National Physical Laboratory

Hampton Road

Teddington

TW11 0LW

#### **Email**

[nina.heath@npl.co.uk](mailto:nina.heath@npl.co.uk)

#### **Country**

United Kingdom

#### **NUTS code**

UK - United Kingdom

## **Internet address(es)**

Main address

[www.npl.co.uk](http://www.npl.co.uk)

## **I.3) Communication**

Additional information can be obtained from the above-mentioned address

## **I.4) Type of the contracting authority**

Body governed by public law

## **I.5) Main activity**

General public services

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## **Section II: Object**

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

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

Supply of Isotope Ratio Mass Spectrometer (IRMS)

#### **II.1.2) Main CPV code**

- 38000000 - Laboratory, optical and precision equipments (excl. glasses)

#### **II.1.3) Type of contract**

Supplies

#### **II.1.4) Short description**

NPL plans to procure an Isotope Ratio Mass Spectrometer (IRMS) for the measurement of isotope ratio in greenhouse gases for gaseous samples. The precision required for measurements are 0.01 for  $^{13}\text{C}$ -CO<sub>2</sub>, 0.05 for  $^{18}\text{O}$ -CO<sub>2</sub>, 0.02 for  $^{13}\text{C}$ -CH<sub>4</sub> and 1 for  $^2\text{H}$ -CH<sub>4</sub>. Additionally the instrument should be able to remove scattered ions for high precision measurements of minor isotopes.

Please note that this is a Prior Information Notice, and the ITT is yet to be issued. NPL plans to issue the ITT in the next 12 months.

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

Value excluding VAT: £438,299

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

This contract is divided into lots: No

## **II.2) Description**

### **II.2.2) Additional CPV code(s)**

- 38000000 - Laboratory, optical and precision equipments (excl. glasses)

### **II.2.3) Place of performance**

NUTS codes

- UK - United Kingdom

### **II.2.4) Description of the procurement**

NPL plans to procure an Isotope Ratio Mass Spectrometer (IRMS) for the measurement of isotope ratio in greenhouse gases for gaseous samples. The precision required for measurements are 0.01 for  $^{13}\text{C}$ -CO<sub>2</sub>, 0.05 for  $^{18}\text{O}$ -CO<sub>2</sub>, 0.02 for  $^{13}\text{C}$ -CH<sub>4</sub> and 1 for  $^2\text{H}$ -CH<sub>4</sub>. Additionally the instrument should be able to remove scattered ions for high precision measurements of minor isotopes.

Please note that this is a Prior Information Notice, and the ITT is yet to be issued. NPL plans to issue the ITT in the next 12 months.

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

19 July 2021

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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: Yes