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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): ocids-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

Country

United Kingdom

NUTS code

UK - United Kingdom

Internet address(es)

Main address

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

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 $\delta^{13}\text{C-CO}_2$, 0.05 ‰ for $\delta^{18}\text{O-CO}_2$, 0.02 ‰ for $\delta^{13}\text{C-CH}_4$ and 1 ‰ for $\delta^2\text{H-CH}_4$. 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 $\delta^{13}\text{C-CO}_2$, 0.05 ‰ for $\delta^{18}\text{O-CO}_2$, 0.02 ‰ for $\delta^{13}\text{C-CH}_4$ and 1 ‰ for $\delta^2\text{H-CH}_4$. 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

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