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Award

## **G2401 Gas Concentration Analyzer**

National Physical Laboratory

F15: Voluntary ex ante transparency notice

Notice identifier: 2023/S 000-002207

Procurement identifier (OCID): ocds-h6vhtk-039a4a

Published 24 January 2023, 4:39pm

### **Section I: Contracting authority/entity**

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

National Physical Laboratory

Hampton Road

Teddington

TW11 0LW

#### **Contact**

Gary Phillips

#### **Email**

[gary.phillips@npl.co.uk](mailto:gary.phillips@npl.co.uk)

#### **Telephone**

+44 2089773222

**Country**

United Kingdom

**Region code**

UK - United Kingdom

**Internet address(es)**

Main address

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

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

Body governed by public law

**I.5) Main activity**

Other activity

Research

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## **Section II: Object**

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

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

G2401 Gas Concentration Analyzer

Reference number

127701

#### **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**

The Picarro G2401 gas concentration analyzer provides simultaneous, precise measurement of carbon monoxide (CO), carbon dioxide (CO<sub>2</sub>), methane (CH<sub>4</sub>) at parts-per-billion (ppb), and water (H<sub>2</sub>O).

#### **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: £130,000

### **II.2) Description**

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

NUTS codes

- UK - United Kingdom

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

The Picarro G2401 gas concentration analyzer provides simultaneous, precise measurement of carbon monoxide (CO), carbon dioxide (CO<sub>2</sub>), methane (CH<sub>4</sub>) at parts-per-billion (ppb), and water (H<sub>2</sub>O) vapor at parts-per-million (ppm) sensitivity with negligible drift for atmospheric science, air quality, and emissions quantification. It meets the World Meteorological Organization (WMO) and Integrated Carbon Observation System (ICOS) performance requirements for CO, CO<sub>2</sub>, and CH<sub>4</sub> atmospheric monitoring.

Simultaneous and continuous measurement of four atmospheric trace gases

Parts-per-billion sensitivity, precision, and accuracy with exceptionally low drift

Compliant with WMO and ICOS international ambient atmospheric monitoring requirements

Water correction automatically reports dry gas mole fractions

Precision at 5 seconds, 5 minutes, and 60 minutes is 15, 1.5, and 1 ppb for CO; 50, 20, and 10 ppb for CO<sub>2</sub>; and 1, 0.5, and 0.3 ppb for CH<sub>4</sub>. Maximum drift at standard temperature and pressure (STP) over 24 hours is 10 ppb for CO; 100 ppb for CO<sub>2</sub>; and 1 ppb for CH<sub>4</sub>. Water correction software automatically reports dry gas mole fractions to help reduce research complexity and consumable costs.

## **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

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## **Section IV. Procedure**

### **IV.1) Description**

#### **IV.1.1) Type of procedure**

Award of a contract without prior publication of a call for competition in the cases listed below

- The procurement falls outside the scope of application of the regulations

Explanation:

Competition is absent for technical reasons: Picarro is the only vendor that can provide this equipment to the required specification.

#### **IV.1.8) Information about the Government Procurement Agreement (GPA)**

The procurement is covered by the Government Procurement Agreement: Yes

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## **Section V. Award of contract/concession**

### **Contract No**

127701

### **Title**

G2401 Gas Concentration Analyzer

A contract/lot is awarded: Yes

### **V.2) Award of contract/concession**

#### **V.2.1) Date of conclusion of the contract**

24 January 2023

#### **V.2.2) Information about tenders**

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

### **V.2.3) Name and address of the contractor/concessionaire**

Amiston Limited

11 Weston Park

Bath

BA1 4AS

Country

United Kingdom

NUTS code

- UK - United Kingdom

The contractor/concessionaire is an SME

No

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

Initial estimated total value of the contract/lot/concession: £130,000

Total value of the contract/lot/concession: £130,000

### **V.2.5) Information about subcontracting**

The contract/lot/concession is likely to be subcontracted

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## **Section VI. Complementary information**

### **VI.4) Procedures for review**

#### **VI.4.1) Review body**

NPL Management Limited

Hampton Road

Teddington

TW11 0LW

Country

United Kingdom