Award

G5310 Gas Concentration Analyzer

National Physical Laboratory

F15: Voluntary ex ante transparency notice
Notice identifier: 2023/S 000-002463
Procurement identifier (OCID): ocds-h6vhtk-039af5
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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

Telephone

+44 2089773222

Country

United Kingdom

Region code

UK - United Kingdom

Internet address(es)

Main address

www.npl.co.uk

I.4) Type of the contracting authority

Body governed by public law

I.5) Main activity

Other activity

Research

Section II: Object

II.1) Scope of the procurement

II.1.1) Title

G5310 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 G5310 gas concentration analyzer provides simultaneous, precise measurement of nitrous oxide (N2O), carbon monoxide (CO) at parts-per-trillion (ppt), and water (H2O) vapor at parts-per-million (ppm) sensitivity with negligible drift for atmospheric science, air quality, and emissions quantification.

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 G5310 gas concentration analyzer provides simultaneous, precise measurement of nitrous oxide (N2O), carbon monoxide (CO) at parts-per-trillion (ppt), and water (H2O) 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 N2O and CO atmospheric monitoring.

Simultaneous and continuous measurement of N2O and CO

Mid-IR CRDS for high precision and low drift analysis

Compliant with WMO and ICOS international ambient atmospheric monitoring requirements

Water correction automatically reports dry gas mole fractions

Precision at 5 seconds and 5 minutes is