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Contract

Supply of Microchip 53100A IR Phase Noise Analyser

NPL Management Limited

UK7: Contract details notice - Procurement Act 2023 - [view information about notice types](#)

Notice identifier: 2026/S 000-000561

Procurement identifier (OCID): ocds-h6vhtk-05ffd7

Published 6 January 2026, 10:44am

Scope

Reference

PO00014941

Description

The requirement is for the supply of one Microchip 53100A IR Phase Noise Analyser. This analyser must include the following capabilities:

Independent input and reference frequencies from 1 to 200 MHz

No phase-locking or measurement calibration required

Real-time strip charts of phase and frequency differences at subpicosecond precision.

Absolute frequency counts at 13+ digits per second, 17 digits maximum.

Allan deviation (ADEV), Modified Allan deviation (MDEV), Hadamard deviation (HDEV), and time deviation (TDEV)

Phase noise and AM noise at offsets from 0.001 Hz to 1 MHz, typically below -175 dBc/Hz (10 MHz floor)

RMS-integrated time jitter, residual FM, and SSB carrier/noise ratio

Contract 1

Supplier

- Milexia UK

Contract value

- £36,275.86 excluding VAT
- £43,531.03 including VAT

Below the relevant threshold

Date signed

8 December 2025

Contract dates

- 8 December 2025 to 30 March 2026
- 3 months, 23 days

Main procurement category

Goods

CPV classifications

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

Contract locations

- UK - United Kingdom

Procedure

Procedure type

Below threshold - unknown

Supplier

Milexia UK

Sandpiper House

BASINGSTOKE

RG24 8GX

United Kingdom

Email: orders-uk@milexia.com

Region: UKJ37 - North Hampshire

Small or medium-sized enterprise (SME): No

Voluntary, community or social enterprise (VCSE): No

Contract 1

Contracting authority

NPL Management Limited

- Companies House: 02937881
- Public Procurement Organisation Number: PYDB-8862-JBYM

National Physical Laboratory

Teddington

TW11 0LW

United Kingdom

Email: etenders@npl.co.uk

Website: <http://www.npl.co.uk>

Region: UKI75 - Hounslow and Richmond upon Thames

Organisation type: Public undertaking (commercial organisation subject to public authority oversight)