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Contract

Design and build of three Axis motion control system

NPL Management Limited

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

Notice identifier: 2026/S 000-001388

Procurement identifier (OCID): ocds-h6vhtk-0601b7

Published 8 January 2026, 11:26am

Scope

Reference

PO00015217

Description

The requirement is for the design, build, and commissioning of a new three-axis motion control system for a 420kV filter wheel at NPL, Teddington. The system will replace the existing aging control system and must comply with current regulations and standards.

Goods and Services to be Supplied:

Design, build, and test of the motion control system.

Electrical installation, commissioning, and operator training at NPL.

Safety integration with LaserMET ICS-6 system.

User interfaces: PC-based Ethernet control (PC/software not included) and EXOR ON5

handheld HMI pendant.

Compliance and documentation: CE and UKCA marking, EMC testing by UCAS accredited facility, technical file, operation manual, and schematics.

Contract 1

Supplier

- Micromech Systems limited

Contract value

- £34,457 excluding VAT
- £41,348.40 including VAT

Below the relevant threshold

Date signed

11 December 2025

Contract dates

- 11 December 2025 to 1 October 2026
- 9 months, 22 days

Main procurement category

Goods

CPV classifications

- 38000000 - Laboratory, optical and precision equipments (excl. glasses)
- 42000000 - Industrial machinery

Contract locations

- UK - United Kingdom

Procedure

Procedure type

Below threshold - unknown

Supplier

Micromech Systems limited

Chilford Court

BRAINTREE

CM7 2QS

United Kingdom

Email: sales@micromech.co.uk

Region: UKH34 - Essex Haven Gateway

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)