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Contract

Fiducial Reference measurement for Vegetation

NPL Management Limited

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

Notice identifier: 2025/S 000-071971

Procurement identifier (OCID): ocds-h6vhtk-05dca1

Published 7 November 2025, 11:43am

Scope

Reference

PO00012189

Description

Material Selection & Optical Characterisation

Identify and test materials for the THEMIS calibration target.

Measure bidirectional reflectance distribution function (BRDF) properties.

Simulation of Target Reflectance & Uncertainty

Use Eradiate software to simulate BRDF and HCRF (Hemispherical-Conical Reflectance Factor).

Quantify uncertainties based on material and manufacturing tolerances.

Experimental Field Campaigns

Conduct UAV-based measurements of the artificial target.

Validate protocols for UAV-based HCRF acquisition.

Data Processing & BRF Retrieval

Process UAV data to derive BRF values.

Compare retrieved BRF with simulated values and assess accuracy.

Contract 1

Supplier

- Rayference SRL

Contract value

- 202000.00 EUR excluding VAT
- 202000.00 EUR including VAT

Below the relevant threshold

Date signed

9 October 2025

Contract dates

- 9 October 2025 to 9 October 2027
- 2 years, 1 day

Main procurement category

Services

CPV classifications

- 38000000 - Laboratory, optical and precision equipments (excl. glasses)
- 73000000 - Research and development services and related consultancy services

Contract locations

- UK - United Kingdom

Procedure

Procedure type

Below threshold - unknown

Supplier

Rayference SRL

Rue d'Alost, 7

Brussels Belgium

1000

Belgium

Email: accounting@rayference.eu

Small or medium-sized enterprise (SME): Yes

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)