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Contract

Avalanche Photodiode Detectors (APD)

UK Atomic Energy Authority

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

Notice identifier: 2025/S 000-080299

Procurement identifier (OCID): ocds-h6vhtk-05f00e

Published 5 December 2025, 4:03pm

Scope

Reference

2113589

Description

The UK Atomic Energy Authority has a requirement for Quantity 125 Avalanche Photodiode Detector (APD) to detect Thomson scattered light in the visible-IR region (750-1100nm). The APD detector should have an on board diode for temperature sensitivity detection. These detectors will be built into spectrometers (Polychromators) for application on Thomson scattering systems.

Contract 1

Supplier

- SOLID STATE SUPPLIES LIMITED

Contract value

- 84785 USD excluding VAT
- 101742 USD including VAT

Below the relevant threshold

Date signed

5 December 2025

Contract dates

- 5 December 2025 to 18 May 2026
- 5 months, 14 days

Main procurement category

Goods

CPV classifications

- 31712340 - Diodes

Contract locations

- UKJ14 - Oxfordshire

Procedure

Procedure type

Below threshold - without competition

Supplier

SOLID STATE SUPPLIES LIMITED

- Companies House: 05386353
- Public Procurement Organisation Number: PBMM-8983-XVHY

2 Ravensbank Business Park

Redditch

B98 9EY

United Kingdom

Email: compliance@solsta.co.uk

Region: UKG12 - Worcestershire

Small or medium-sized enterprise (SME): No

Voluntary, community or social enterprise (VCSE): No

Contract 1

Contracting authority

UK Atomic Energy Authority

- Public Procurement Organisation Number: PLJV-1169-JTDD

Culham Science Centre

Oxfordshire

OX14 3DB

United Kingdom

Email: Robert.Franklin@ukaea.uk

Region: UKJ14 - Oxfordshire

Organisation type: Public authority - central government