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Planning

Radiation Tolerant Automation Technology

UK Atomic Energy Authority

UK2: Preliminary market engagement notice - Procurement Act 2023 - [view information about notice types](#)

Notice identifier: 2025/S 000-036659

Procurement identifier (OCID): ocds-h6vhtk-05574b

Published 2 July 2025, 10:23am

Scope

Reference

T/SB075/25

Description

UKAEA wishes to engage with potential suppliers for the provision of the design of prototype/mock up production and irradiation testing of a radiation tolerant vision system for dynamic obstacle avoidance, with an application targeting commercially available robotic platforms. The aim is to support the development of a radiation tolerant/hardened vision system to solve fusion and parallel market remote handling challenges in a radiation environment.

Total value (estimated)

- £0 excluding VAT

- £0 including VAT

Below the relevant threshold

Contract dates (estimated)

- 31 October 2025 to 23 March 2026
- Possible extension to 1 July 2026
- 8 months, 2 days

Main procurement category

Services

Additional procurement category

Goods

CPV classifications

- 73100000 - Research and experimental development services
- 31710000 - Electronic equipment
- 31712300 - Printed circuits
- 71356300 - Technical support services
- 71630000 - Technical inspection and testing services
- 73120000 - Experimental development services
- 73420000 - Pre-feasibility study and technological demonstration
- 73430000 - Test and evaluation

Contract locations

- UK - United Kingdom

Engagement

Engagement deadline

1 August 2025

Engagement process description

https://uk.eu-supply.com/app/rfq/rwentrance_s.asp?PID=95489&B= Webinar 22nd July 13.00 Link to registration below: <https://forms.office.com/e/CqMfLCkSFV>

Participation

Particular suitability

Small and medium-sized enterprises (SME)

Submission

Publication date of tender notice (estimated)

1 October 2025

Procedure

Special regime

Concession

Contracting authority

UK Atomic Energy Authority

- Public Procurement Organisation Number: PLJV-1169-JTDD

Culham Science Centre

Oxfordshire

OX14 3DB

United Kingdom

Contact name: Sandie Brown

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Website: <https://www.gov.uk/government/organisations/uk-atomic-energy-authority>

Region: UKJ14 - Oxfordshire

Organisation type: Public authority - sub-central government