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Planning

Fluoride Salt Loop

UK Atomic Energy Authority

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

Notice identifier: 2025/S 000-084173

Procurement identifier (OCID): ocids-h6vhtk-05f89e

Published 18 December 2025, 10:00am

Scope

Reference

T/MN148/25

Description

UKAEA aims to procure a molten salt flow loop with the ability to heat, pump and remove samples of test material and molten fluoride salt. The purchase of commercially developed equipment for this application is intended for rapid development of in-house operational skills and experience, as well as generation of scientific data on materials compatibility and salt chemistry.

Total value (estimated)

- £416,670 excluding VAT
- £500,000 including VAT

Above the relevant threshold

Contract dates (estimated)

- 9 February 2026 to 25 August 2026
- 6 months, 17 days

Main procurement category

Goods

CPV classifications

- 38420000 - Instruments for measuring flow, level and pressure of liquids and gases
- 24950000 - Specialised chemical products
- 71337000 - Corrosion engineering services
- 73111000 - Research laboratory services

Contract locations

- UK - United Kingdom

Engagement

Engagement deadline

7 January 2026

Engagement process description

https://uk.eu-supply.com/app/rfq/rwlenrance_s.asp?PID=101063&TID=100106308&B=

Participation

Particular suitability

Small and medium-sized enterprises (SME)

Submission

Publication date of tender notice (estimated)

2 February 2026

Contracting authority

UK Atomic Energy Authority

- Public Procurement Organisation Number: PLJV-1169-JTDD

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United Kingdom

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Region: UKJ14 - Oxfordshire

Organisation type: Public authority - central government