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Planning

Hydrogen-3 Advanced Technology (H3AT) – Liquid Nitrogen Storage and Distribution System

UK Atomic Energy Authority

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

Notice identifier: 2025/S 000-010177

Procurement identifier (OCID): ocds-h6vhtk-04ef21 ([view related notices](#))

Published 19 March 2025, 2:41pm

Scope

Reference

T/CE034/25

Description

UKAEA wishes to engage with cryogenic contractors, Small to Medium Enterprises (SME), designers and manufacturers for the supply of a liquid nitrogen (LN2) storage and delivery system for the Tritium Plant located in the new Hydrogen 3 Advanced Technology (H3AT) Facility at the Culham Campus.

Total value (estimated)

- £420,000 excluding VAT

- £504,000 including VAT

Below the relevant threshold

Contract dates (estimated)

- 1 September 2025 to 1 July 2027
- 1 year, 10 months, 1 day

Main procurement category

Works

Additional procurement category

Services

CPV classifications

- 45262670 - Metalworking
- 45255400 - Fabrication work
- 45262680 - Welding
- 71300000 - Engineering services
- 71320000 - Engineering design services
- 71323000 - Engineering-design services for industrial process and production
- 71330000 - Miscellaneous engineering services
- 71333000 - Mechanical engineering services
- 71335000 - Engineering studies

- 71336000 - Engineering support services
- 71340000 - Integrated engineering services
- 71350000 - Engineering-related scientific and technical services
- 71631430 - Leak-testing services
- 71632000 - Technical testing services
- 71632200 - Non-destructive testing services
- 72242000 - Design-modelling services

Contract locations

- UKJ14 - Oxfordshire

Engagement

Engagement deadline

5 April 2025

Engagement process description

RFI to be undertaken. The procurement documents are available for unrestricted and full direct access, free of charge, at: <https://uk.eu-supply.com/ctm/Supplier/PublicTenders>
Please search using the unique tender ID: 97203

Participation

Particular suitability

- Small and medium-sized enterprises (SME)
 - Voluntary, community and social enterprises (VCSE)
-

Submission

Publication date of tender notice (estimated)

15 May 2025

Contracting authority

UK Atomic Energy Authority

- Public Procurement Organisation Number: PLJV-1169-JTDD

Culham Centre for Fusion Energy

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

Region: UKJ14 - Oxfordshire

Organisation type: Public authority - central government