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Tender

Fusion concepts in future energy landscapes

UK Atomic Energy Authority

UK4: Tender notice - Procurement Act 2023 - [view information about notice types](#)

Notice identifier: 2025/S 000-035924

Procurement identifier (OCID): ocds-h6vhtk-050d6a ([view related notices](#))

Published 27 June 2025, 5:22pm

Scope

Reference

T/EA040/25

Description

Fusion offers potential future energy abundance yet is at the same time highly challenging. In the context of a fusion future full of opportunity, but also complexity, UKAEA wishes to learn more about potential future energy landscapes and ecosystems. In such energy ecosystems, fusion might enter in various ways, perhaps replacing technologies existing at the time (e.g. due to obsolescence/end of life), perhaps augmenting other technologies to address the increasing demand or aiming at affordable solutions for specific supply needs and characteristics not readily met by other technologies. In particular, uses of fusion might expand beyond grid electricity. UKAEA is interested to see what potential characteristics of fusion plants might help or hinder fusion deployment, as this can inform UKAEA's future strategy.

Total value (estimated)

- £500,000 excluding VAT
- £600,000 including VAT

Above the relevant threshold

Contract dates (estimated)

- 16 September 2025 to 27 March 2026
- Possible extension to 26 March 2027
- 1 year, 6 months, 11 days

Description of possible extension:

Option to be extended for 1 year

Main procurement category

Services

CPV classifications

- 71314000 - Energy and related services
- 09300000 - Electricity, heating, solar and nuclear energy
- 42664000 - Fusion equipment
- 65300000 - Electricity distribution and related services
- 65400000 - Other sources of energy supplies and distribution
- 71314300 - Energy-efficiency consultancy services

- 71323000 - Engineering-design services for industrial process and production
- 73110000 - Research services

Participation

Particular suitability

Small and medium-sized enterprises (SME)

Submission

Enquiry deadline

21 July 2025, 12:00pm

Tender submission deadline

28 July 2025, 12:00pm

Submission address and any special instructions

https://uk.eu-supply.com/app/rfq/rwlenrance_s.asp?PID=94776&B=

Tenders may be submitted electronically

Yes

Languages that may be used for submission

English

Award decision date (estimated)

29 August 2025

Award criteria

Name	Type
Technical contribution	Quality
Methodology	Quality
Organisational and Team capability	Quality
Project Plan	Quality
Mutual Benefit	Quality
Social value	Quality
Fixed Price	Cost

Weighting description

Tenders will be evaluated, based on Most Advantageous Tender 'MAT'. The criteria and weightings used for evaluation are specified in "T-EA040-25 Fusion concepts in future energy landscapes ITT Part 2" - Appendix B - Quality Award Questionnaire

Other information

Conflicts assessment prepared/revised

Yes

Procedure

Procedure type

Open procedure

Contracting authority

UK Atomic Energy Authority

- Public Procurement Organisation Number: PLJV-1169-JTDD

Culham Science Centre

Oxfordshire

OX14 3DB

United Kingdom

Contact name: Ioanna Bampatsia

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

Region: UKJ14 - Oxfordshire

Organisation type: Public authority - central government