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Tender

UKAEA JET Decommissioning & Repurposing Waste Data System

UK Atomic Energy Authority

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

Notice identifier: 2025/S 000-034530

Procurement identifier (OCID): ocids-h6vhtk-055213

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Scope

Reference

T/JA193/24

Description

The United Kingdom Atomic Energy Authority (UKAEA) are undertaking the JET Decommissioning and Repurposing (JDR) programme, a multi-year programme in which the Joint European Torus (JET) fusion system will be decommissioned and key infrastructure is repurposed for further use. The JET tokamak, and the associated supporting systems, power supplies, diagnostic systems, and buildings represent a significant infrastructure for the JDR programme to handle. Due to the operation of a fusion system some materials require specialist management as either radioactive or chemically hazardous material. A key criteria for managing these materials is the storage of relevant information and the tracking of material. UKAEA are seeking a digital solution to aid with this information storage and tracking in the form of a material inventory system. Since the materials concerned will mostly be wastes, this is hence referred to as a 'Waste Data System' or 'Waste Inventory System' as is commonplace within the nuclear sector. UKAEA is a public body tasked with progressing fusion research and is hence free from

excessive security considerations which often accompany sensitive nuclear materials associated with nuclear fission. UKAEA is seeking a design, build, host, and support contract for this system. It is expected that the design / build phase of the project is expected to consist of an initial period (~12 months), followed by a prolonged hosting and support functionality for an extended period. It is expected that this will be a combined period of up to 5 years. Please note the submission deadline for Stage 1 is 18/07/2025.

Total value (estimated)

- £250,000 excluding VAT
- £300,000 including VAT

Above the relevant threshold

Contract dates (estimated)

- 1 September 2025 to 1 April 2026
- Possible extension to 1 September 2029
- 4 years, 1 day

Description of possible extension:

Please refer to Appendix 2 and 11 for Information on Extension

Main procurement category

Services

CPV classifications

- 72212600 - Database and operating software development services

- 48600000 - Database and operating software package
- 48612000 - Database-management system
- 72211000 - Programming services of systems and user software
- 72212100 - Industry specific software development services
- 72212610 - Database software development services

Contract locations

- UK - United Kingdom

Participation

Particular suitability

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

Submission

Enquiry deadline

11 July 2025, 5:00pm

Submission type

Tenders

Tender submission deadline

11 August 2025, 12:00pm

Submission address and any special instructions

https://uk.eu-supply.com/app/rfq/rwlenrance_s.asp?PID=95255&B=

Tenders may be submitted electronically

Yes

Languages that may be used for submission

English

Award decision date (estimated)

19 August 2025

Award criteria

Name	Description	Type	Weighting
Quality	Refer to Appendix 8	Quality	55%
Price	Refer to Appendix 8	Price	25%
Demonstration	Refer to Appendix 8	Quality	20%

Other information

Payment terms

Please refer to Appendix 11 of the tender pack.

Conflicts assessment prepared/revised

Yes

Procedure

Procedure type

Competitive flexible procedure

Competitive flexible procedure description

This procurement process is being undertaken using the Competitive Flexible Procedure under the Procurement Act 2023. This tender is being run as a two-stage process in order to down select to the preferred bidder. Bidders are required to submit their Procurement Specific Questionnaire (PSQ) and tender response by the deadline of 18th July 2025. UKAEA will first assess the PSQ that is submitted for this contract. A bidder must meet all the requirements set out in the PSQ (also known as the Conditions of Participation). Stage 1 - Bidders who meet the PSQ requirements will have their tender submission evaluated by the tender evaluation panel for this contract. UKAEA will shortlist the top three bidders to demonstrate their system. Stage 2 - This stage will include an invitation for shortlisted bidders to demonstrate their system and outline any plans to meet the full requirements of the contract. This stage will be scored, and the score will be added to the bidder's Stage 1 tender score. The combined score will contribute to the final tender evaluation for this contract. The Bidder with the highest score will be awarded the

contract.

Contracting authority

UK Atomic Energy Authority

- Public Procurement Organisation Number: PLJV-1169-JTDD

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Oxfordshire

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United Kingdom

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Region: UKJ14 - Oxfordshire

Organisation type: Public authority - central government