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Planning

## **Supply and Install of 415V AC Distribution, Metering and Inter-Trip Panels**

UK Atomic Energy Authority

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

Notice identifier: 2025/S 000-069137

Procurement identifier (OCID): ocds-h6vhtk-05d5ac

Published 28 October 2025, 4:52pm

### **Scope**

### **Reference**

T/RAF119/25

### **Description**

The UK Atomic Energy Authority's main HV Pulsed Power supply to the Culham site is via a dedicated overhead line fed directly from the National Grid at 400kV, transformed down to 33kV. The main distribution substation for this supply is J5 substation, located at the north end of Culham Campus. The substation is undergoing a significant upgrade in 2026. The scope is for part of that upgrade. It covers the design, manufacture, delivery, installation, and commissioning of:

- A replacement 415V AC Distribution Board,
- 3 replacement auxiliary supply cubicles including isolation transformers,
- A new 400/33 kV inter-trip panel to transfer trip signals between the 400 kV and 33 kV substations, and
- A new 400 kV revenue metering panel capable of metering the 400 kV supply for each of the three Super-Grid Transformers (SGTs). All of the above must be capable of integration with a new IEC 61850 SCADA system.

### **Total value (estimated)**

- £450,000 excluding VAT
- £540,000 including VAT

Above the relevant threshold

### **Contract dates (estimated)**

- 1 February 2026 to 27 March 2026
- Possible extension to 26 March 2027
- 1 year, 1 month, 26 days

### **Main procurement category**

Goods

### **Additional procurement category**

Works

### **CPV classifications**

- 31210000 - Electrical apparatus for switching or protecting electrical circuits
- 31000000 - Electrical machinery, apparatus, equipment and consumables; lighting
- 45311200 - Electrical fitting work
- 45317300 - Electrical installation work of electrical distribution apparatus

## **Contract locations**

- UKJ14 - Oxfordshire
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## **Engagement**

### **Engagement deadline**

11 November 2025

### **Engagement process description**

[https://uk.eu-supply.com/app/rfq/rwlenrance\\_s.asp?PID=99488&B=](https://uk.eu-supply.com/app/rfq/rwlenrance_s.asp?PID=99488&B=)

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## **Participation**

### **Particular suitability**

Small and medium-sized enterprises (SME)

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## **Submission**

### **Publication date of tender notice (estimated)**

21 November 2025

## **Contracting authority**

### **UK Atomic Energy Authority**

- Public Procurement Organisation Number: PLJV-1169-JTDD

Culham Science Centre

Oxfordshire

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United Kingdom

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Region: UKJ14 - Oxfordshire

Organisation type: Public authority - central government