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Planning

SGT Cooler Units

UK Atomic Energy Authority

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

Notice identifier: 2025/S 000-023430

Procurement identifier (OCID): ocids-h6vhtk-051955 ([view related notices](#))

Published 20 May 2025, 4:14pm

Scope

Reference

T/ET052/25

Description

The main HV Pulsed Power supply to the Culham site is via a dedicated overhead line fed directly from the National Grid at 400kV and transformed down by three 90 MVA 400/36kV super grid transformers (SGT's) normally operated in parallel. Original installation of the Super-Grid Transformers was installed over 40 years ago and original spares are practically non-existent. They are an aging asset, with cooling becoming more critical with weather and with the potential of new increased loading due to new customers on site. Therefore, replacement of the 5 remaining Blast Air Coolers is important to extend the lifespan of the equipment. The Blast Air Coolers provide cooling to the oil inside the transformer tank. There are 4 Blast Air Coolers located on each SGT, for a total of 12 units. In 2016, the first phase of this replacement was carried out, replacing 7 of the original units. This project is to replace the remaining 5 original units.

Total value (estimated)

- £233,400 excluding VAT
- £280,080 including VAT

Above the relevant threshold

Contract dates (estimated)

- 6 August 2025 to 28 February 2026
- 6 months, 26 days

Main procurement category

Goods

Additional procurement category

Works

CPV classifications

- 42500000 - Cooling and ventilation equipment

Contract locations

- UKJ14 - Oxfordshire

Engagement

Engagement deadline

30 September 2024

The engagement was carried out before this notice was published.

Engagement process description

UKAEA has previously conducted pre-market engagement for the procurement of the SGT Cooler Units. A quote was received from a potential supplier; the value of this quote indicated that this procurement would be over threshold and therefore needed to be procured through a Procurement Act 2023 Compliant procedure. UKAEA has not done any further premarket engagement for this requirement.

Participation

Particular suitability

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

Submission

Publication date of tender notice (estimated)

24 May 2025

Contracting authority

UK Atomic Energy Authority

- Public Procurement Organisation Number: PLJV-1169-JTDD

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Region: UKJ14 - Oxfordshire

Organisation type: Public authority - central government