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Planning

High Voltage DC Tri-axial Cable

UK Atomic Energy Authority

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

Notice identifier: 2025/S 000-045156

Procurement identifier (OCID): ocds-h6vhtk-056b2e

Published 1 August 2025, 12:00pm

Scope

Reference

T/AS082/25

Description

Goods Required: 600 metres of High Voltage DC Tri-axial Cable Purpose: To connect two 80kV/70A high-voltage DC power supplies to Positive Ion Neutral Injectors (PINIs) used for plasma heating in fusion experiments. UKAEA would like to find potential suppliers to manufacture this cable to the specification and within the required time (received by the end of 2026) and interested in tendering for such a requirement. Further information available by following link in this notice

Total value (estimated)

- £500,000 excluding VAT

- £600,000 including VAT

Above the relevant threshold

Contract dates (estimated)

- 2 January 2026 to 31 December 2026
- 11 months, 30 days

Main procurement category

Goods

CPV classifications

- 31300000 - Insulated wire and cable
- 31000000 - Electrical machinery, apparatus, equipment and consumables; lighting

Contract locations

- UKJ14 - Oxfordshire

Engagement

Engagement deadline

16 August 2025

Engagement process description

https://uk.eu-supply.com/app/rfq/rwlenrance_s.asp?PID=96632&B=

Participation

Particular suitability

Small and medium-sized enterprises (SME)

Submission

Publication date of tender notice (estimated)

16 September 2025

Contracting authority

UK Atomic Energy Authority

- Public Procurement Organisation Number: PLJV-1169-JTDD

Culham Science Centre

Oxfordshire

OX14 3DB

United Kingdom

Contact name: Anthony Stratton

Telephone: +44 1235466252

Email: Anthony.stratton@ukaea.uk

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

Region: UKJ14 - Oxfordshire

Organisation type: Public authority - central government