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Planning

## **Webinar & RFI - Magnet Design Development, Magnet Validation Testing and Magnet Conductor & Insulator Specification Development Framework**

United Kingdom Atomic Energy Authority

F01: Prior information notice

Prior information only

Notice identifier: 2021/S 000-015445

Procurement identifier (OCID): ocds-h6vhtk-02c3c7

Published 5 July 2021, 6:08pm

### **Section I: Contracting authority**

#### **I.1) Name and addresses**

United Kingdom Atomic Energy Authority

Culham Science Centre

Abingdon

OX14 3DB

#### **Contact**

Sarah Palmer

#### **Email**

[sarah.palmer@ukaea.uk](mailto:sarah.palmer@ukaea.uk)

#### **Telephone**

+44 1235467082

**Country**

United Kingdom

**NUTS code**

UKJ - South East (England)

**National registration number**

N/A

**Internet address(es)**

Main address

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

Buyer's address

<https://uk.eu-supply.com/ctm/Company/CompanyInformation/Index/72814>

**I.3) Communication**

The procurement documents are available for unrestricted and full direct access, free of charge, at

[https://uk.eu-supply.com/app/rfq/rwlenrance\\_s.asp?PID=38645&B=UK](https://uk.eu-supply.com/app/rfq/rwlenrance_s.asp?PID=38645&B=UK)

Additional information can be obtained from the above-mentioned address

**I.4) Type of the contracting authority**

Body governed by public law

**I.5) Main activity**

Other activity

Fusion Research

## **Section II: Object**

### **II.1) Scope of the procurement**

#### **II.1.1) Title**

Webinar & RFI - Magnet Design Development, Magnet Validation Testing and Magnet Conductor & Insulator Specification Development Framework

Reference number

T/SP108/21

#### **II.1.2) Main CPV code**

- 73110000 - Research services

#### **II.1.3) Type of contract**

Services

#### **II.1.4) Short description**

The Spherical Tokamak for Energy Production Programme at UK Atomic Energy Authority is conducting an RFI and a webinar to support the development of the procurement strategy for a 3 lot framework for support services to the Confinement Systems team.

#### **II.1.5) Estimated total value**

Value excluding VAT: £4,000,000

#### **II.1.6) Information about lots**

This contract is divided into lots: No

### **II.2) Description**

#### **II.2.2) Additional CPV code(s)**

- 31000000 - Electrical machinery, apparatus, equipment and consumables; lighting
- 31210000 - Electrical apparatus for switching or protecting electrical circuits
- 31220000 - Electrical circuit components
- 31230000 - Parts of electricity distribution or control apparatus

- 31300000 - Insulated wire and cable
- 31600000 - Electrical equipment and apparatus
- 31651000 - Electrical tape
- 31682400 - Overhead electrical equipment
- 31700000 - Electronic, electromechanical and electrotechnical supplies
- 31720000 - Electromechanical equipment
- 44111511 - Electrical insulators
- 44111530 - Electrical insulating fittings
- 38970000 - Research, testing and scientific technical simulator
- 73200000 - Research and development consultancy services
- 73210000 - Research consultancy services
- 31630000 - Magnets

### **II.2.3) Place of performance**

NUTS codes

- UKJ - South East (England)
- UK - United Kingdom

Main site or place of performance

Culham Science Centre

### **II.2.4) Description of the procurement**

Lot 1 - Conceptual design and analysis work packages to address specific tasks or wider design challenges which involve major magnet subcomponent definition.

Detailed analyses and design of superconducting or cryogenically cooled resistive magnet concept designs including design and optimisation studies.

Lot 2 - Testing of materials or sub components - Physical validation of concept principles by manufacture and testing of prototype subcomponents or key critical materials including conductors and insulation.

Design and manufacture of physical validation test articles.

Insulation system and conductor specification development.

Lot 3 – Conductor and Insulator Specification Development - Conductor specification development, early procurement engagement.

Insulation system and specification development, early procurement engagement

#### **II.2.14) Additional information**

UKAEA will be hosting two Webinar events on 19th July. The first will be at 08.30 – 10.00GMT and the second at 16.00 – 17.30GMT. Please refer to the attached document "T-SP108-21 RFI & Webinar Registration - Magnet Design Development, Magnet Validation Testing and Magnet Conductor and Insulator Specification Development Framework".

#### **II.3) Estimated date of publication of contract notice**

31 August 2021

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### **Section IV. Procedure**

#### **IV.1) Description**

##### **IV.1.8) Information about the Government Procurement Agreement (GPA)**

The procurement is covered by the Government Procurement Agreement: Yes