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Planning

## **Development and Testing of Magnet Insulators**

United Kingdom Atomic Energy Authority

F01: Prior information notice

Prior information only

Notice identifier: 2024/S 000-014561

Procurement identifier (OCID): ocds-h6vhtk-0457b2

Published 7 May 2024, 4:19pm

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

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

United Kingdom Atomic Energy Authority

Culham Campus

Abingdon

OX14 3DB

#### **Contact**

Catherine Sirotkin

#### **Email**

[catherine.sirotkin@ukaea.uk](mailto:catherine.sirotkin@ukaea.uk)

#### **Telephone**

+44 1235467082

#### **Country**

United Kingdom

**Region code**

UK - United Kingdom

**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=81445&B=UKAEA](https://uk.eu-supply.com/app/rfq/rwlenrance_s.asp?PID=81445&B=UKAEA)

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

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## **Section II: Object**

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

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

Development and Testing of Magnet Insulators

Reference number

T/CS051/24

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

- 71630000 - Technical inspection and testing services

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

Services

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

This project aims to identify and develop materials suitable for HTS magnet insulation systems on STEP. This includes materials for turn-to-turn insulation, fixed and re-mountable joints insulation systems, quench heaters insulation and ground insulation. STEP requires materials that are suitable for use in challenging fusion environments, therefore testing requirements are likely to revolve around rigorous mechanical, electrical and thermal properties, and resistance to ionising radiation.

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

This contract is divided into lots: No

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

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

- 71630000 - Technical inspection and testing services

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

NUTS codes

- UK - United Kingdom

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

This project aims to identify and develop materials suitable for HTS magnet insulation systems on STEP. This includes materials for turn-to-turn insulation, fixed and re-mountable joints insulation systems, quench heaters insulation and ground insulation. STEP requires materials that are suitable for use in challenging fusion environments, therefore testing requirements are likely to revolve around rigorous mechanical, electrical and thermal properties, and resistance to ionising radiation.

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

1 July 2024

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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