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Planning

## **Tritium Compatible Compressor For Materials Research Facility**

United Kingdom Atomic Energy Authority

F01: Prior information notice

Prior information only

Notice identifier: 2021/S 000-026781

Procurement identifier (OCID): ocds-h6vhtk-02f00a

Published 26 October 2021, 2:10pm

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

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

United Kingdom Atomic Energy Authority

Culham Science Centre

Abingdon

OX14 3DB

#### **Contact**

Hugo Silva

#### **Email**

[hugo.silva@ukaea.uk](mailto:hugo.silva@ukaea.uk)

#### **Country**

United Kingdom

**NUTS code**

UKJ14 - Oxfordshire

**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=40264&B=UK](https://uk.eu-supply.com/app/rfq/rwlenrance_s.asp?PID=40264&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

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## **Section II: Object**

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

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

Tritium Compatible Compressor For Materials Research Facility

Reference number

T/HS241/21

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

- 31720000 - Electromechanical equipment

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

Supplies

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

A tritium compatible sieverts rig, known as the Materials Testing Rig (MTR) is required to investigate the ideal hydrogen isotope adsorption/absorption characteristics of materials before progressing to the design of an experimental pressure swing ad/absorption experiment.

The Materials Testing Rig (MTR) requires a small-scale tritium compatible compressor capable of supplying high-pressure tritium to the experiment.

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

This contract is divided into lots: No

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

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

- 42123000 - Compressors
- 71320000 - Engineering design services
- 71323200 - Plant engineering design services
- 71340000 - Integrated engineering services

- 71350000 - Engineering-related scientific and technical services
- 71356000 - Technical services
- 71900000 - Laboratory services
- 73300000 - Design and execution of research and development

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

NUTS codes

- UKJ14 - Oxfordshire

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

A tritium compatible sieverts rig, known as the Materials Testing Rig (MTR) is required to investigate the ideal hydrogen isotope adsorption/absorption characteristics of materials before progressing to the design of an experimental pressure swing ad/absorption experiment.

The Materials Testing Rig (MTR) requires a small-scale tritium compatible compressor capable of supplying high-pressure tritium to the experiment.

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

17 January 2022

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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