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Planning

## **Development of Electro-Magnetic Separation of Isotopes for Fusion Materials**

United Kingdom Atomic Energy Authority

F01: Prior information notice

Prior information only

Notice identifier: 2021/S 000-015348

Procurement identifier (OCID): ocids-h6vhtk-02c367

Published 5 July 2021, 12:08pm

### **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**

UKJ1 - Berkshire, Buckinghamshire and 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/rwlentrance\\_s.asp?PID=38633&B=UK](https://uk.eu-supply.com/app/rfq/rwlentrance_s.asp?PID=38633&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**

Development of Electro-Magnetic Separation of Isotopes for Fusion Materials

Reference number

T/HS110/21

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

- 71340000 - Integrated engineering services

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

Services

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

UKAEA requires a design solution that will largely involve the assembly and integration of commercial solutions for each of the required elements. Subsequently, we envisage creating a prototype technology demonstrator to test and validate the capabilities and prove that the system (suitably scaled) can provide the necessary quality and throughput of isotopically tailored material to satisfy the needs of SPR and future commercial fusion.

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

Value excluding VAT: £100,000

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

This contract is divided into lots: No

## **II.2) Description**

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

- 24315100 - Heavy water, other isotopes and their compounds
- 31640000 - Machines and apparatus with individual functions
- 31643000 - Particle accelerators

- 33158100 - Electromagnetic unit
- 71335000 - Engineering studies

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

NUTS codes

- UKJ1 - Berkshire, Buckinghamshire and Oxfordshire

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

UKAEA requires a design solution that will largely involve the assembly and integration of commercial solutions for each of the required elements. Subsequently, we envisage creating a prototype technology demonstrator to test and validate the capabilities and prove that the system (suitably scaled) can provide the necessary quality and throughput of isotopically tailored material to satisfy the needs of SPR and future commercial fusion.

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

17 September 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