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Planning

## **H3AT Glove Box Housing**

United Kingdom Atomic Energy Authority

F01: Prior information notice

Prior information only

Notice identifier: 2022/S 000-005464

Procurement identifier (OCID): ocds-h6vhtk-031bf4

Published 28 February 2022, 4:39pm

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

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

United Kingdom Atomic Energy Authority

Culham Science Centre

Abingdon

OX14 3DB

#### **Contact**

Abigail Woods

#### **Email**

[abigail.woods@ukaea.uk](mailto:abigail.woods@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=44208&B=UK](https://uk.eu-supply.com/app/rfq/rwlenrance_s.asp?PID=44208&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**

H3AT Glove Box Housing

Reference number

T/AW040/22

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

- 38000000 - Laboratory, optical and precision equipments (excl. glasses)

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

Supplies

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

UKAEA wishes to engage with potential glovebox manufacturers and suppliers for the provision of 20-off non-nuclear type gloveboxes and associated components to act as secondary containment for tritium process equipment. These gloveboxes will be utilised in a number of sub-systems that will make up the Tritium Plant located within the new H3AT Facility currently in construction on the UKAEA Culham site.

Through this process we are looking to open-up the engagement for suppliers with the aim of ensuring there is sufficient production capability and capacity to meet project timelines and design requirements.

After the engagement exercise, UKAEA intend to issue an Invitation to Tender through the EU Supply and Find a Tender portals (replacement to Tenders Electronic Daily) to procure services for design and provision of equipment through competitively tendered contracts.

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

Value excluding VAT: £1,050,000

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

This contract is divided into lots: No

## **II.2) Description**

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

- 09343000 - Radioactive materials
- 09344000 - Radio-isotopes
- 45255400 - Fabrication work
- 45262670 - Metalworking
- 45262680 - Welding
- 71300000 - Engineering services
- 71320000 - Engineering design services
- 71323000 - Engineering-design services for industrial process and production
- 71350000 - Engineering-related scientific and technical services

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

NUTS codes

- UKJ14 - Oxfordshire

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

UKAEA wishes to engage with potential glovebox manufacturers and suppliers for the provision of 20-off non-nuclear type gloveboxes and associated components to act as secondary containment for tritium process equipment. These gloveboxes will be utilised in a number of sub-systems that will make up the Tritium Plant located within the new H3AT Facility currently in construction on the UKAEA Culham site.

The H3AT Facility Tritium Plant consists of the following sub-systems:

- Storage and Delivery System [SDS]
- Tokamak Vacuum Simulation [TVS]
- Hydrogen Chemical Purification System [HPS]
- Hydrogen Isotope Separation System (deemed collaborative contract development) [ISS]
- Water Detritiation System (deemed collaborative contract development) [WDS]

- Atmosphere Detritiation System [ADS]
- Chemical and Isotope Analysis of Gaseous Mixtures System [ANS]
- Radiological and Hazardous Gas Monitoring System [RGM]

The Facility is a tool of the H3AT Project. The missions of this project are:

- Supporting Delivery of fusion as a commercial power source
- Promoting industry, academia and research companies for work related to handling tritium and other radioactive isotopes
- Providing capability for training of next generation of scientists and engineers for development of the new power sources

Through this process we are looking to open-up the engagement for suppliers with the aim of ensuring there is sufficient production capability and capacity to meet project timelines and design requirements.

After the engagement exercise, UKAEA intend to issue an Invitation to Tender through the EU Supply and Find a Tender portals (replacement to Tenders Electronic Daily) to procure services for design and provision of equipment through competitively tendered contracts.

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

1 July 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: No