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Planning

## **THAILA GLOVEBOXES**

United Kingdom Atomic Energy Authority

F01: Prior information notice

Prior information only

Notice identifier: 2024/S 000-037004

Procurement identifier (OCID): ocids-h6vhtk-04b6cd

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

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

United Kingdom Atomic Energy Authority

Culham Campus

Abingdon

OX14 3DB

#### **Contact**

Nneka Forrester

#### **Email**

[nneka.forrester@ukaea.uk](mailto:nneka.forrester@ukaea.uk)

#### **Country**

United Kingdom

**Region 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/rwlentrance\\_s.asp?PID=87665&B=UKAEA](https://uk.eu-supply.com/app/rfq/rwlentrance_s.asp?PID=87665&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**

THAILA GLOVEBOXES

Reference number

T/NF184/24

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

- 71323000 - Engineering-design services for industrial process and production

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

Services

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

UKAEA would like to procure the design, analysis, manufacture, assembly, Factory Acceptance Testing, delivery, Site Acceptance Testing plus support during installation and commissioning of a glovebox experiment designed to prove out tritium analytics in breeder materials. The glovebox will be installed at the Culham Campus. The experiment will need to accurately meter a tritium gas stream, to understand the retained tritium in the breeder. The experiment will also need to design a sampling system to allow the breeder materials to be tested in off-line techniques, such as Liquid Scintillation Counters.

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

- 45120000 - Test drilling and boring work
- 45255400 - Fabrication work
- 45262670 - Metalworking
- 45262680 - Welding
- 51500000 - Installation services of machinery and equipment
- 71300000 - Engineering services
- 71500000 - Construction-related services
- 71900000 - Laboratory services

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

NUTS codes

- UKJ14 - Oxfordshire

Main site or place of performance

Culham Campus, Abingdon

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

The scope of work for the THALIA Design & Build contract will include:

Complete design of the THALIA Glovebox experiments, including reviews with UKAEA Engineering team to ensure compliance with the tritium safety processes

Procurement of all the equipment required for THALIA

Construction of the completed Glovebox

This could be onsite at Culham if there are concerns over transporting the Glovebox in its completed state.

Transportation of the Glovebox to Culham Campus

It is expected that the supplier provides design documentation, maintenance schedules and conformity certificates with all equipment.

Where applicable it is expected that equipment supplied to UKAEA is conformity assessed against all relevant legislative requirements and marked accordingly (UKCA marked).

Any relevant analysis work under-taken to prove the conformity of the design will be shared with UKAEA.

A Factory Acceptance Test will be witnessed by UKAEA staff prior to acceptance of the completed Glovebox experiment.

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

18 November 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