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Planning

## **AGHS Refactor – Concept Design for Research Space**

United Kingdom Atomic Energy Authority

F01: Prior information notice

Prior information only

Notice identifier: 2024/S 000-023100

Procurement identifier (OCID): ocids-h6vhtk-048453

Published 24 July 2024, 4:49pm

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

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

United Kingdom Atomic Energy Authority

Culham Campus

Abingdon

OX14 3DB

#### **Contact**

Ioanna Bampatsia

#### **Email**

[ioanna.bampatsia@ukaea.uk](mailto:ioanna.bampatsia@ukaea.uk)

#### **Telephone**

+44 0123546

#### **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/rwlenrance\\_s.asp?PID=84073&B=UKAEA](https://uk.eu-supply.com/app/rfq/rwlenrance_s.asp?PID=84073&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**

AGHS Refactor – Concept Design for Research Space

Reference number

T/IB121/24

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

- 71300000 - Engineering services

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

Services

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

“AGHS Refactor is a project with an overall aim to upskill UK industry to design, modify and operate tritium plants for fusion by leveraging full UK supply chain. UKAEA’s Active Gas Handling System (AGHS) is designed to supply, recover, process and recirculate the hydrogen isotopes including tritium used by the Joint European Torus (JET).

This Request For Information (RFI) scope concerns the safe re-purposing of space within the AGHS following de-commission of legacy AGHS equipment. Project outputs expected to be delivered by contractor include:

- Conceptual AGHS space re-purposing study
- Hazard identification – with a focus on safe construction while AGHS Plant is operational
- Estimation of cost and schedule
- Concept design review submitted to UKAEA for comment and review

Specified contractor deliverables will be outlined by UKAEA at ITT submission. “

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

Value excluding VAT: £170,000

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

This contract is divided into lots: No

## **II.2) Description**

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

- 09000000 - Petroleum products, fuel, electricity and other sources of energy
- 24000000 - Chemical products
- 51000000 - Installation services (except software)
- 71000000 - Architectural, construction, engineering and inspection services

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

NUTS codes

- UKJ14 - Oxfordshire

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

“AGHS Refactor is a project with an overall aim to upskill UK industry to design, modify and operate tritium plants for fusion by leveraging full UK supply chain. UKAEA’s Active Gas Handling System (AGHS) is designed to supply, recover, process and recirculate the hydrogen isotopes including tritium used by the Joint European Torus (JET).

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

29 November 2024

## **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