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Planning

## **UKAEA - HyDUS - RFI for Hydrogen Compressor**

United Kingdom Atomic Energy Authority

F01: Prior information notice

Prior information only

Notice identifier: 2022/S 000-036529

Procurement identifier (OCID): ocds-h6vhtk-03941e

Published 23 December 2022, 12:24pm

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

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

United Kingdom Atomic Energy Authority

Culham Science Centre

Abingdon

OX14 3DB

#### **Contact**

Phil Perkins

#### **Email**

[phil.perkins@ukaea.uk](mailto:phil.perkins@ukaea.uk)

#### **Telephone**

+44 1235467147

#### **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/ctm/Supplier/Documents/Folder/55666>

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**

UKAEA - HyDUS - RFI for Hydrogen Compressor

Reference number

T-PJP234-22

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

- 42123100 - Gas compressors

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

Supplies

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

The HyDUS initiative is an energy-storage demonstration project in which UKAEA is a key collaborator alongside other organisations. The technical process requires a hydrogen compressor to recover high-purity hydrogen from initial pressures down to ~0.1bara and compress it for storage at 10-20 bara. UKAEA are seeking to engage with

manufacturers/suppliers of hydrogen compressors to understand the operating requirements

and abilities of these units. Expressions of interest are sought via this Prior Information

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

This contract is divided into lots: No

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

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

- 42120000 - Pumps and compressors
- 42123000 - Compressors
- 42123100 - Gas compressors
- 42123200 - Rotary compressors
- 42123500 - Turbo-compressors
- 42123600 - Reciprocating displacement compressors
- 42123700 - Centrifugal compressors
- 24111600 - Hydrogen

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

NUTS codes

- UKJ14 - Oxfordshire

Main site or place of performance

Culham Science Centre

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

The HyDUS initiative is an energy-storage demonstration project in which UKAEA is a key collaborator alongside other organisations. The technical process requires a hydrogen compressor to recover high-purity hydrogen from initial pressures down to ~0.1bara and compress it for storage at 10-20 bara. UKAEA are seeking to engage with

manufacturers/suppliers of hydrogen compressors to understand the operating requirements

and abilities of these units. Expressions of interest are sought via this Prior Information

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

24 February 2023

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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