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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): ocids-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

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

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 Notice

II.3) Estimated date of publication of contract notice

24 February 2023

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