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Planning

Webinar: HyDUS Project; Seeking A Wonder Material For Hydrogen Storage

United Kingdom Atomic Energy Authority

F01: Prior information notice

Prior information only

Notice identifier: 2023/S 000-007590

Procurement identifier (OCID): ocds-h6vhtk-03b32b

Published 15 March 2023, 4:24pm

Section I: Contracting authority

I.1) Name and addresses

United Kingdom Atomic Energy Authority

Culham Science Centre

Abingdon

OX14 3DB

Contact

Ben Osborne

Email

ben.osborne@ukaea.uk

Telephone

+44 1235467082

Country

United Kingdom

Region code

UKJ1 - Berkshire, Buckinghamshire and 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/62409>

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

Webinar: HyDUS Project; Seeking A Wonder Material For Hydrogen Storage

Reference number

T/BO032/23

II.1.2) Main CPV code

- 42000000 - Industrial machinery

II.1.3) Type of contract

Supplies

II.1.4) Short description

The HyDUS (Hydrogen in Depleted Uranium Storage) project is a collaboration between UK Atomic Energy Authority, EDF UK, The University of Bristol and Urenco. The project is looking to develop a pilot-scale HyDUS (Hydrogen in Depleted Uranium Storage) demonstrator as part of the Longer Duration Energy Storage demonstrator programme at the UKAEA's Culham Campus.

UKAEA are seeking to engage with manufacturers/suppliers of an electrochemical fuel cell, electrolysis system (electrolyser) and a hydrogen compressor to understand the operating requirement and abilities of these units.

UKAEA will be holding a webinar on the 23rd March 2023. This will be an online event hosted via Zoom.

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
- 24111600 - Hydrogen
- 42123000 - Compressors

- 42123100 - Gas compressors
- 42123200 - Rotary compressors
- 42123500 - Turbo-compressors
- 42123600 - Reciprocating displacement compressors
- 42123700 - Centrifugal compressors
- 09310000 - Electricity
- 31000000 - Electrical machinery, apparatus, equipment and consumables; lighting
- 31600000 - Electrical equipment and apparatus
- 31730000 - Electrotechnical equipment
- 42980000 - Gas generators
- 31122100 - Fuel cells

II.2.3) Place of performance

NUTS codes

- UKJ1 - Berkshire, Buckinghamshire and Oxfordshire

II.2.4) Description of the procurement

The HyDUS (Hydrogen in Depleted Uranium Storage) project is a collaboration between UK Atomic Energy Authority, EDF UK, The University of Bristol and Urenco. The project is looking to develop a pilot-scale HyDUS (Hydrogen in Depleted Uranium Storage) demonstrator as part of the Longer Duration Energy Storage demonstrator programme at the UKAEA's Culham Campus.

UKAEA are seeking to engage with manufacturers/suppliers of an electrochemical fuel cell, electrolysis system (electrolyser) and a hydrogen compressor to understand the operating requirement and abilities of these units.

UKAEA is interested in receiving information about the following potential requirements, electrochemical fuel cell, electrolysis system (electrolyser) and a hydrogen compressor. Further details on each requirement can be within the attached document.

II.3) Estimated date of publication of contract notice

16 May 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: No