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Planning

The support for the scoping of a research and development programme for the concept development of a suitable utility scaled supercritical carbon dioxide power generation plant.

United Kingdom Atomic Energy Authority

F01: Prior information notice

Prior information only

Notice identifier: 2023/S 000-037754

Procurement identifier (OCID): ocids-h6vhtk-04295c

Published 21 December 2023, 4:50pm

Section I: Contracting authority

I.1) Name and addresses

United Kingdom Atomic Energy Authority

Culham Science Centre

Abingdon

OX14 3DB

Contact

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Country

United Kingdom

Region code

UK - United Kingdom

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=76473&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

Section II: Object

II.1) Scope of the procurement

II.1.1) Title

The support for the scoping of a research and development programme for the concept development of a suitable utility scaled supercritical carbon dioxide power generation plant.

Reference number

T/CS147/23

II.1.2) Main CPV code

- 73000000 - Research and development services and related consultancy services

II.1.3) Type of contract

Services

II.1.4) Short description

The objective of this RFI is to better understand the trade space around utility scaled power generating equipment with the emphasis on supercritical CO2 turbines. This information will be used to inform the broader SPP design which includes minimum operating conditions required to meet the necessary cycle efficiency.

II.1.6) Information about lots

This contract is divided into lots: No

II.2) Description

II.2.2) Additional CPV code(s)

- 73000000 - Research and development services and related consultancy services

II.2.3) Place of performance

NUTS codes

- UK - United Kingdom

II.2.4) Description of the procurement

The objective of this RFI is to better understand the trade space around utility scaled power generating equipment with the emphasis on supercritical CO2 turbines. This information will be used to inform the broader SPP design which includes minimum operating conditions required to meet the necessary cycle efficiency.

II.3) Estimated date of publication of contract notice

1 January 2025

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