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Planning

Fusion Futures: Microwave Test Facility

United Kingdom Atomic Energy Authority

F01: Prior information notice

Prior information only

Notice identifier: 2024/S 000-021113

Procurement identifier (OCID): ocds-h6vhtk-047c54

Published 10 July 2024, 3:19pm

Section I: Contracting authority

I.1) Name and addresses

United Kingdom Atomic Energy Authority

Culham Campus

Abingdon

OX14 3DB

Contact

Charlotte Byrne

Email

charlotte.byrne@ukaea.uk

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=83574&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

Fusion Futures: Microwave Test Facility

Reference number

T/CB/110/24

II.1.2) Main CPV code

- 73210000 - Research consultancy services

II.1.3) Type of contract

Services

II.1.4) Short description

The objective of the wider project is to develop a requirements set and associated pre-conceptual design, for a microwave test facility.

This test facility may include the ability to test any of the following:

- Component level testing e.g. gyrotron cavity
- High-powered gyrotrons
- Novel source testing
- Waveguide testing
- Low power microwave testing
- Launcher mechanical testing
- Quasi-optical propagation testing

The areas of primary interest for this opportunity are:

- Microwave source testing
- High-powered microwave component testing
- Gyrotron cavity thermal test rig

It is anticipated, subject to market engagement, that a maximum of 5 contracts will be awarded to parties with an interest in future use of such a facility.

The estimated budget for each contract is between £10,000 and £20,000.

This piece of work is required to be completed by the end of February 2025.

II.1.5) Estimated total value

Value excluding VAT: £100,000

II.1.6) Information about lots

This contract is divided into lots: No

II.2) Description

II.2.2) Additional CPV code(s)

- 71621000 - Technical analysis or consultancy services
- 73000000 - Research and development services and related consultancy services
- 73200000 - Research and development consultancy services
- 73220000 - Development consultancy services

II.2.3) Place of performance

NUTS codes

- UKJ14 - Oxfordshire

Main site or place of performance

OX14 3DB

II.2.4) Description of the procurement

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- Component level testing e.g. gyrotron cavity
- High-powered gyrotrons
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The areas of primary interest for this opportunity are:

- Microwave source testing
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- Gyrotron cavity thermal test rig

It is anticipated, subject to market engagement, that a maximum of 5 contracts will be awarded to parties with an interest in future use of such a facility.

The estimated budget for each contract is between £10,000 and £20,000.

This piece of work is required to be completed by the end of February 2025, it is anticipated that this contract will be 4 months long.

The contract scope is proposed to include the following deliverables:

- Definition of scope for an overall test facility
- Definition of technical requirements for an overall test facility
- Report of anticipated use of test facility
- Definition of technical requirements for a gyrotron cavity test rig (additional scope)

II.2.14) Additional information

A webinar will be held to further discuss the requirement, joining details can be found in supporting information on EU Supply.

II.3) Estimated date of publication of contract notice

26 August 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