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Tender

Small Scale Experiments for Tritium Breeding (SSETB)

United Kingdom Atomic Energy Authority

F02: Contract notice

Notice identifier: 2024/S 000-035382

Procurement identifier (OCID): ocds-h6vhtk-04b30f

Published 31 October 2024, 4:19pm

Section I: Contracting authority

I.1) Name and addresses

United Kingdom Atomic Energy Authority

Culham Campus

Abingdon

OX14 3DB

Contact

Carl Evans

Email

Carl.Evans@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=87218&B=UKAEA

Additional information can be obtained from the above-mentioned address

Tenders or requests to participate must be submitted electronically via

https://uk.eu-supply.com/app/rfq/rwlenrance_s.asp?PID=87218&B=UKAEA

Tenders or requests to participate must be submitted to 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

Small Scale Experiments for Tritium Breeding (SSETB)

Reference number

T/LB161/24

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

A programme of four scientific experiments in the field of Tritium Breeding.

II.1.5) Estimated total value

Value excluding VAT: £3,200,000

II.1.6) Information about lots

This contract is divided into lots: Yes

Tenders may be submitted for one lot only

II.2) Description

II.2.1) Title

Lot 1 Solid lithium ceramics

Lot No

1

II.2.2) Additional CPV code(s)

- 73110000 - Research services
- 73200000 - Research and development consultancy services
- 73210000 - Research consultancy services

II.2.3) Place of performance

NUTS codes

- UKJ14 - Oxfordshire

II.2.4) Description of the procurement

A research programme to address a critical aspect of the tritium breeding technology based on solid lithium ceramics. Delivery of a small-scale experiment or other project, preferably based on an existing experimental or other capability.

II.2.5) Award criteria

Quality criterion - Name: Quality Questionnaire / Weighting: 100

Price - Weighting: 0

II.2.6) Estimated value

Value excluding VAT: £800,000

II.2.7) Duration of the contract, framework agreement or dynamic purchasing system

Start date

9 January 2025

End date

31 March 2026

This contract is subject to renewal

No

II.2.10) Information about variants

Variants will be accepted: No

II.2.11) Information about options

Options: No

II.2.13) Information about European Union Funds

The procurement is related to a project and/or programme financed by European Union funds: No

II.2.14) Additional information

Refer to the ITT.

II.2) Description

II.2.1) Title

Lot 2 Lithium in liquid phase

Lot No

2

II.2.2) Additional CPV code(s)

- 73110000 - Research services
- 73200000 - Research and development consultancy services
- 73210000 - Research consultancy services

II.2.3) Place of performance

NUTS codes

- UKK - South West (England)
- UKJ14 - Oxfordshire

II.2.4) Description of the procurement

Aa research programme to address a critical aspect of the tritium breeding technology based on the use of lithium in liquid phase (either as a pure metal or as part of mixture/eutectic) as the breeding material (and potential the tritium carrier medium). Delivery of a small-scale experiment or other project, preferably based on an existing experimental or other capability within your organisation, that could support the fusion community to develop in future larger breeder experiments.

II.2.5) Award criteria

Quality criterion - Name: Quality Questionnaire / Weighting: 100

Price - Weighting: 0

II.2.6) Estimated value

Value excluding VAT: £800,000

II.2.7) Duration of the contract, framework agreement or dynamic purchasing system

Start date

9 January 2025

End date

31 March 2026

This contract is subject to renewal

No

II.2.10) Information about variants

Variants will be accepted: No

II.2.11) Information about options

Options: No

II.2.13) Information about European Union Funds

The procurement is related to a project and/or programme financed by European Union funds: No

II.2.14) Additional information

Refer to the ITT.

II.2) Description

II.2.1) Title

Lot 3 Molten salt of lithium

Lot No

3

II.2.2) Additional CPV code(s)

- 73110000 - Research services
- 73200000 - Research and development consultancy services
- 73210000 - Research consultancy services

II.2.3) Place of performance

NUTS codes

- UKJ14 - Oxfordshire

II.2.4) Description of the procurement

A research programme to address a critical aspect of the tritium breeding technology based on the use of a molten salt of lithium for the breeding and neutron-moderating material. Delivery of a small-scale experiment or other project, preferably based on an existing experimental or other capability within your organisation.

II.2.5) Award criteria

Quality criterion - Name: Quality Questionnaire / Weighting: 100

Price - Weighting: 0

II.2.6) Estimated value

Value excluding VAT: £800,000

II.2.7) Duration of the contract, framework agreement or dynamic purchasing system

Start date

9 January 2025

End date

31 March 2026

This contract is subject to renewal

No

II.2.10) Information about variants

Variants will be accepted: No

II.2.11) Information about options

Options: No

II.2.13) Information about European Union Funds

The procurement is related to a project and/or programme financed by European Union funds: No

II.2.14) Additional information

Refer to the ITT.

II.2) Description

II.2.1) Title

Lot 4 Digital Simulation and modelling

Lot No

4

II.2.2) Additional CPV code(s)

- 73110000 - Research services
- 73200000 - Research and development consultancy services
- 73210000 - Research consultancy services

II.2.3) Place of performance

NUTS codes

- UKJ14 - Oxfordshire
- UKJ - South East (England)

II.2.4) Description of the procurement

A research programme to address a critical aspect of the tritium breeding technology based on the use of Digital Simulation and Modelling of a Neutron Source, the breeding in a range of materials, neutron-moderating materials and geometries pertinent to the three technology families in the above lots. Delivery of a small-scale in-silico experimental project, preferably based on an existing computational science or other capability within your organisation, that could support the fusion community

II.2.5) Award criteria

Quality criterion - Name: Quality Questionnaire / Weighting: 100

Price - Weighting: 0

II.2.6) Estimated value

Value excluding VAT: £800,000

II.2.7) Duration of the contract, framework agreement or dynamic purchasing system

Start date

9 January 2025

End date

31 March 2026

This contract is subject to renewal

No

II.2.10) Information about variants

Variants will be accepted: No

II.2.11) Information about options

Options: No

II.2.13) Information about European Union Funds

The procurement is related to a project and/or programme financed by European Union funds: No

II.2.14) Additional information

Refer to the ITT.

Section III. Legal, economic, financial and technical information

III.1) Conditions for participation

III.1.1) Suitability to pursue the professional activity, including requirements relating to enrolment on professional or trade registers

List and brief description of conditions

Refer to Procurement Documents for information.

III.1.2) Economic and financial standing

Selection criteria as stated in the procurement documents

III.1.3) Technical and professional ability

Selection criteria as stated in the procurement documents

III.2) Conditions related to the contract

III.2.2) Contract performance conditions

Refer to Procurement Documents for information.

Section IV. Procedure

IV.1) Description

IV.1.1) Type of procedure

Open procedure

IV.1.8) Information about the Government Procurement Agreement (GPA)

The procurement is covered by the Government Procurement Agreement: Yes

IV.2) Administrative information

IV.2.2) Time limit for receipt of tenders or requests to participate

Date

3 December 2024

Local time

5:00pm

IV.2.4) Languages in which tenders or requests to participate may be submitted

English

IV.2.6) Minimum time frame during which the tenderer must maintain the tender

Duration in months: 2 (from the date stated for receipt of tender)

IV.2.7) Conditions for opening of tenders

Date

3 December 2024

Local time

5:00pm

Section VI. Complementary information

VI.1) Information about recurrence

This is a recurrent procurement: No

VI.2) Information about electronic workflows

Electronic ordering will be used

Electronic invoicing will be accepted

Electronic payment will be used

VI.4) Procedures for review

VI.4.1) Review body

UK Atomic Energy Authority

Culham Campus

Abingdon

OX14 3DB

Country

United Kingdom

Internet address

<https://www.gov.uk/government/organisations/uk-atomic-energy-authority>

VI.4.2) Body responsible for mediation procedures

UK Atomic Energy Authority

Culham Campus

Abingdon

OX14 3DB

Country

United Kingdom

Internet address

<https://www.gov.uk/government/organisations/uk-atomic-energy-authority>

VI.4.3) Review procedure

Precise information on deadline(s) for review procedures

VI.4.2) Body responsible for mediation procedures

VI.4.3) Review procedure

Precise information on deadline(s) for review procedures:

The authority will incorporate a minimum 10 calendar day standstill period at the point information on the award of the contract is communicated to tenderers.

This period allows unsuccessful tenderers to seek further debriefing from the authority before a contract is entered into applicants have 2 working days from the notification of the award decision to request. Additional debriefing and that information have to be provided within a minimum of 3 working days before the expiry of the standstill period. Such additional information should be sought from the contact named in this notice.

If an appeal regarding the award of a contract has not been successfully resolved, the Public Contracts Regulations 2015 (SI 2015 No. 102) provide for aggrieved parties who have been harmed or are at risk of harm by a breach of the rules to take action in the High Court (England, Wales and Northern Ireland).

Any such action must be brought promptly.

(generally within 3 months).

VI.4.4) Service from which information about the review procedure may be obtained

UK Atomic Energy Authority

Culham Campus

Abingdon

OX14 3DB

Country

United Kingdom

Internet address

<https://www.gov.uk/government/organisations/uk-atomic-energy-authority>