Tender

The Manufacture, Supply, and Commissioning of a Neutron Source at Culham Campus for the LIBRTI Programme

United Kingdom Atomic Energy Authority

F02: Contract notice
Notice identifier: 2024/S 000-020321
Procurement identifier (OCID): ocds-h6vhtk-047a49
Published 3 July 2024, 3:19pm

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/rwlentrance_s.asp?PID=83129&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/rwlentrance_s.asp?PID=83129&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

The Manufacture, Supply, and Commissioning of a Neutron Source at Culham Campus for the LIBRTI Programme

Reference number

T/CE093/24

II.1.2) Main CPV code

- 38800000 - Industrial process control equipment and remote-control equipment

II.1.3) Type of contract

Supplies

II.1.4) Short description

The manufacture, supply, and commissioning of a neutron source that is capable of allowing tritium breeding mock-ups to be exposed to 14.1 MeV neutrons. The Equipment supplied to the Client shall be based upon existing products capable of being delivered within 24 months from point of contract award. In parallel the Contractor shall commit to support the Client in a collaborative endeavour to develop an upgrade solution of the baseline system to increase its output and thereby target exposure fluxes of 1013 n/cm2/s. The development of the upgrade shall be centred around the assumption of it being deployable as an on-site modification of the existing Client baseline installation. The R&D programme described above shall be completed within 36 months from contract award. Finally, the Contractor shall enable successful operational use of the neutron source by the Client through the provision of both training and maintenance of the delivered systems.

II.1.5) Estimated total value

Value excluding VAT: £25,000,000

II.1.6) Information about lots

This contract is divided into lots: No

II.2) Description

II.2.2) Additional CPV code(s)

- 38940000 - Nuclear evaluation instruments

II.2.3) Place of performance

NUTS codes

- UKJ14 - Oxfordshire

II.2.4) Description of the procurement

The manufacture, supply, and commissioning of a neutron source and supply of ancillary systems including, but not limited to cooling systems, power supplies, tritium handling (if required) and other control systems with the best available output (source strength and operational availability) that is capable of allowing tritium breeding mock-ups to be exposed to 14.1 MeV neutrons. The Neutron Source shall have proven operational availability (creating 14MeV neutrons) of at least 500 hours per annum to facilitate the LIBRTI experimental programme. The Equipment supplied to the Client shall be based upon existing products capable of being delivered within 24 months from point of contract award.

In parallel with the development of a baseline system stated above the Contractor shall commit to support the Client in a collaborative endeavour to develop an upgrade solution of the baseline system to increase its output and thereby target exposure fluxes of 1013 n/cm2/s. The contractor may wish to take on the full development programme but as a minimum, shall ensure that the baseline system can be updated with a retrofit and that the Contractor will supply drawings and technical information adequate to supporting an upgrade. The development of the upgrade shall be centred around the assumption of it being deployable as an on-site modification of the existing Client baseline installation. The R&D programme described above shall be completed within 36 months from contract award.

Finally, the Contractor shall enable successful operational use of the neutron source by the Client through the provision of both training and maintenance of the delivered systems. The contractor shall provide a maintenance service provision from point of delivery to the Client and will include the provision for both planned and unplanned maintenance tasks supported by a Service Level Agreement

II.2.5) Award criteria

Price is not the only award criterion and all criteria are stated only in the procurement documents

II.2.6) Estimated value

Value excluding VAT: £25,000,000

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

Duration in months

36

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

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

List and brief description of selection criteria

Refer to Procurement Documents for information.

Minimum level(s) of standards possibly required

Refer to Procurement Documents for information.

III.1.3) Technical and professional ability

List and brief description of selection criteria

Refer to Procurement Documents for information.

Minimum level(s) of standards possibly required

Refer to Procurement Documents for information.

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

12 August 2024

Local time

12:00pm

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: 3 (from the date stated for receipt of tender)

IV.2.7) Conditions for opening of tenders

Date

12 August 2024

Local time

12:00pm

Section VI. Complementary information

VI.1) Information about recurrence

This is a recurrent procurement: No

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