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Planning

Lithium Breeding Tritium Innovation (LIBRTI) Programme

United Kingdom Atomic Energy Authority

F01: Prior information notice
Prior information only
Notice identifier: 2024/S 000-002141
Procurement identifier (OCID): ocds-h6vhtk-042f05
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Section I: Contracting authority

I.1) Name and addresses

United Kingdom Atomic Energy Authority

Culham Campus

Abingdon

OX14 3DB

Contact

LIBRTI Procurement Team

Email

procurement@librti.ukaea.uk

Telephone

+12 35528822

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=77314&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

Lithium Breeding Tritium Innovation (LIBRTI) Programme

Reference number

T/CE010/24

II.1.2) Main CPV code

- 42000000 - Industrial machinery

II.1.3) Type of contract

Supplies

II.1.4) Short description

LIBRTI aims to pave the way for fusion powerplant-scale tritium breeding. It will demonstrate that for a given neutron flux and lithium substrate, the amount of bred tritium can be quantitatively predicted and accurately, and reproducibly, achieved.

The LIBERTI project is a new, major scientific and technical undertaking that will require a close working relationship with industry partners. The UKAEA are at the very earliest stages of planning the project and are seeking the views of organisations to help evolve and develop our overall procurement strategy. As such, this and other associated PINs are seeking the level of interest, capability, and capacity from potential suppliers for both the technical and commercial aspects.

II.1.6) Information about lots

This contract is divided into lots: No

II.2) Description

II.2.2) Additional CPV code(s)

- 30211100 - Super computer
- 30211300 - Computer platforms
- 31154000 - Uninterruptible power supplies
- 31200000 - Electricity distribution and control apparatus
- 31224000 - Connections and contact elements
- 33111620 - Gamma cameras
- 33124000 - Diagnostics and radiodiagnostic devices and supplies
- 35113200 - Nuclear, biological, chemical and radiological protection equipment
- 35113300 - Safety installations
- 38400000 - Instruments for checking physical characteristics
- 38420000 - Instruments for measuring flow, level and pressure of liquids and gases
- 38430000 - Detection and analysis apparatus
- 38431100 - Gas-detection apparatus
- 38432100 - Gas-analysis apparatus
- 38543000 - Gas-detection equipment
- 38545000 - Gas-testing kits
- 38547000 - Dosimetry system
- 38550000 - Meters
- 38570000 - Regulating and controlling instruments and apparatus
- 38651000 - Cameras
- 38800000 - Industrial process control equipment and remote-control equipment
- 38900000 - Miscellaneous evaluation or testing instruments

- 38940000 - Nuclear evaluation instruments
- 38945000 - Gamma counters
- 42000000 - Industrial machinery
- 42122160 - Cooling pumps
- 42152100 - Reactor-cooling systems
- 42152200 - Parts of nuclear-reactor vessels
- 42500000 - Cooling and ventilation equipment
- 42510000 - Heat-exchange units, air-conditioning and refrigerating equipment, and filtering machinery
- 42961100 - Access control system
- 42990000 - Miscellaneous special-purpose machinery
- 42993000 - Chemical industry machinery
- 45214620 - Research and testing facilities construction work
- 45214630 - Scientific installations
- 45251000 - Construction works for power plants and heating plants
- 48150000 - Industrial control software package
- 51112000 - Installation services of electricity distribution and control equipment
- 71317000 - Hazard protection and control consultancy services
- 71323000 - Engineering-design services for industrial process and production
- 71340000 - Integrated engineering services
- 71350000 - Engineering-related scientific and technical services
- 73400000 - Research and Development services on security and defence materials
- 90700000 - Environmental services

- 98113100 - Nuclear safety services

II.2.3) Place of performance

NUTS codes

- UKJ14 - Oxfordshire

Main site or place of performance

Culham Campus

II.2.4) Description of the procurement

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II.2.14) Additional information

Please see attached documents.

II.3) Estimated date of publication of contract notice

30 September 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