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Tender

H3AT Process Services

United Kingdom Atomic Energy Authority

F02: Contract notice

Notice identifier: 2024/S 000-014856

Procurement identifier (OCID): ocds-h6vhtk-03ef94

Published 9 May 2024, 3:49pm

Section I: Contracting authority

I.1) Name and addresses

United Kingdom Atomic Energy Authority

Culham Campus

Abingdon

OX14 3DB

Contact

Viv Hichens

Email

viv.hichens@ukaea.uk

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=80932&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=80932&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

H3AT Process Services

Reference number

T/GR050/23

II.1.2) Main CPV code

- 65121000 - Water demineralisation services

II.1.3) Type of contract

Services

II.1.4) Short description

The United Kingdom Atomic Energy Authority (UKAEA) requirement is for the procurement of a process services system for the Hydrogen 3 Advanced Technology facility at Culham. Included is the supply of Demineralised Water, Breathable Air Supply, Plant Air Supply, Compressed Gas Supply, Specialist Gas Compound with Segregation. The contractor is responsible for the design, manufacture, assembly, Factory Acceptance Testing, delivery and installation, operational qualification, Site Acceptance Testing (SAT), handover, conformity assessment and support for all the installed equipment and pipework required. The scope of work is expected to be delivered by March 2026, with an estimated duration of 23 months. The proposed form of contract is the NEC4 Engineering Construction Contract (ECC) Option A, for a fixed price. There may also be the need for additional ad hoc work not defined within the Scope of Works, which will be reimbursed for which bidders are asked to provide a schedule of rates.

II.1.5) Estimated total value

Value excluding VAT: £2,000,000

II.1.6) Information about lots

This contract is divided into lots: No

II.2) Description

II.2.2) Additional CPV code(s)

- 24111000 - Hydrogen, argon, rare gases, nitrogen and oxygen
- 31161800 - Parts of gas generators
- 39721321 - Compressed-air dryers
- 42124330 - Parts of air compressors
- 42130000 - Taps, cocks, valves and similar appliances
- 42131100 - Valves defined by function
- 42131140 - Pressure-reducing, control, check or safety valves
- 42131141 - Pressure-reducing valves
- 42131142 - Control valves
- 42131144 - Process-control valves
- 42131145 - Check valves
- 42131250 - Needle valves
- 42131260 - Ball valves
- 42131290 - Diaphragm valves
- 42132130 - Pneumatic valve actuators
- 42514310 - Air filters
- 44611400 - Storage tanks
- 44612100 - Gas cylinders
- 44612200 - Gas tanks
- 45333100 - Gas regulation equipment installation work
- 42124340 - Parts of gas compressors
- 65121000 - Water demineralisation services

II.2.3) Place of performance

NUTS codes

- UK - United Kingdom

Main site or place of performance

Culham Science Centre, OX14 3DB

II.2.4) Description of the procurement

The United Kingdom Atomic Energy Authority (UKAEA) requirement is for the procurement of a process services system for the Hydrogen 3 Advanced Technology (H3AT) facility at Culham. Included is the supply of Demineralised Water, Breathable Air Supply, Plant Air Supply, Compressed Gas Supply, Specialist Gas Compound with Segregation.

Scope - The contractor will be responsible for the design, manufacture, assembly, Factory Acceptance Testing, delivery and installation, operational qualification, Site Acceptance Testing (SAT), handover, conformity assessment and support for all the installed equipment and pipework required.

Duration and Contract - The scope of work is expected to be delivered by March 2026, with an estimated duration of 23 months. The proposed form of contract is the NEC4 Engineering Construction Contract (ECC) Option A, for a fixed price. There may also be the need for additional ad hoc work not defined within the Scope of Works, which will be reimbursed for which bidders are asked to provide a schedule of rates.

Design - The Contractor is fully responsible for the design of the entire system. The Contractor will be responsible for the concept design, preliminary and detailed design of the system. The Contractor will be responsible for obtaining UKAEA approval for the design in all phases, ensuring that the design meets all safety and quality standards.

Manufacturing, Installation & Testing, Delivery, Commissioning - For all the items that require manufacture and assembly, the Contractor shall undertake Factory Acceptance Testing to demonstrate the functionality.

Engineering Support - The Contractor is responsible for completing all the required tests for all process services items according to the Inspection and Test Plan (ITP), providing test reports, including Site Acceptance Test (SAT) and Operating Qualification (OQ), that are approved by the UKAEA.

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: £2,000,000

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

Duration in months

23

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: No

IV.2) Administrative information

IV.2.1) Previous publication concerning this procedure

Notice number: [2023/S 000-023750](#)

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

Date

10 June 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

Tender must be valid until: 9 September 2024

IV.2.7) Conditions for opening of tenders

Date

10 June 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 Science Centre

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 Science Centre

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 Science Centre

Abingdon

OX14 3DB

Country

United Kingdom

Internet address

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

