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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](mailto: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](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](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

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## **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

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## **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.

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## **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



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## **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>