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Tender

## **H3AT - Water Detritiation System**

United Kingdom Atomic Energy Authority

F02: Contract notice

Notice identifier: 2024/S 000-039998

Procurement identifier (OCID): ocds-h6vhtk-04c74e

Published 11 December 2024, 4:46pm

### **Section I: Contracting authority**

#### **I.1) Name and addresses**

United Kingdom Atomic Energy Authority

Culham Campus

Abingdon

OX14 3DB

#### **Contact**

Nicola Adams

#### **Email**

[nicola.adams@ukaea.uk](mailto:nicola.adams@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=88129&B=UKAEA](https://uk.eu-supply.com/app/rfq/rwlenrance_s.asp?PID=88129&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=88129&B=UKAEA](https://uk.eu-supply.com/app/rfq/rwlenrance_s.asp?PID=88129&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 - Water Detritiation System

Reference number

T/AW137/22

#### **II.1.2) Main CPV code**

- 38424000 - Measuring and control equipment

#### **II.1.3) Type of contract**

Supplies

#### **II.1.4) Short description**

The Supply of a WDS equipment package to be supplied at UKAEA's Culham Campus. The scope of work is expected to be delivered, installed, and commissioned within an estimated duration of 36 months. The scope of the Assemblies includes final process, mechanical and EC&I design, procurement, fabrication, assembly, Factory Acceptance Testing, delivery, and installation at the Culham site, plus Site Acceptance Testing and Integrated Testing. Design – A process design has been produced for the Water Detritiation System and the proposed equipment has been separated into 10 Assemblies as manageable deliverables. The 10 Assemblies consist of process equipment mostly installed within gloveboxes, and one air extracted cabinet. Manufacturing, FAT, Delivery, Installation, SAT, Integrated Testing & Commissioning - The 10 Assemblies require manufacture, assembly within containments and installation.

#### **II.1.5) Estimated total value**

Value excluding VAT: £3,400,000

#### **II.1.6) Information about lots**

This contract is divided into lots: No

## **II.2) Description**

### **II.2.2) Additional CPV code(s)**

- 09320000 - Steam, hot water and associated products
- 09343000 - Radioactive materials
- 31161400 - Primary water systems
- 38340000 - Instruments for measuring quantities
- 38420000 - Instruments for measuring flow, level and pressure of liquids and gases
- 38570000 - Regulating and controlling instruments and apparatus
- 38930000 - Humidity and moisture measuring instruments
- 42120000 - Pumps and compressors
- 42122100 - Pumps for liquids
- 42131100 - Valves defined by function
- 42131140 - Pressure-reducing, control, check or safety valves
- 45255400 - Fabrication work
- 45262670 - Metalworking
- 45262680 - Welding
- 45300000 - Building installation work
- 51100000 - Installation services of electrical and mechanical equipment
- 51110000 - Installation services of electrical equipment
- 51120000 - Installation services of mechanical equipment
- 51810000 - Installation services of tanks
- 51820000 - Installation services of reservoirs

- 71242000 - Project and design preparation, estimation of costs
- 71320000 - Engineering design services
- 71323200 - Plant engineering design services
- 71335000 - Engineering studies
- 71350000 - Engineering-related scientific and technical services

### **II.2.3) Place of performance**

NUTS codes

- UKJ14 - Oxfordshire

Main site or place of performance

Culham Campus, Abingdon

### **II.2.4) Description of the procurement**

The Supply of a WDS equipment package to be supplied into the Hydrogen-3 Advanced Technology Facility at UKAEA's Culham Campus. The scope of work is expected to be delivered, installed, and commissioned within an estimated duration of 36 months. The scope of the Assemblies includes final process, mechanical and EC&I design, procurement, fabrication, assembly, Factory Acceptance Testing, delivery, and installation at the Culham site, plus Site Acceptance Testing and Integrated Testing. Design – A process design has been produced for the Water Detritiation System and the proposed equipment has been separated into 10 Assemblies as manageable deliverables. The 10 Assemblies consist of process equipment mostly installed within gloveboxes, and one air extracted cabinet. Manufacturing, FAT, Delivery, Installation, SAT, Integrated Testing & Commissioning - The 10 Assemblies require manufacture, assembly within containments and installation. This includes (but not limited to): installation of the equipment; agreeing and identifying tie-points for process service and electrical distribution interfaces; agreeing and identifying other process interfaces. The Contractor must undertake Factory Acceptance Testing. The commissioning of the fully integrated subsystems shall be carried out by the UKAEA Operations team with support from the Systems Integrator and The Contractor. During inactive commissioning all operations will be tested, and the plant performance assessed under a wide range of expected operating conditions. The Contractor shall provide, People Rates for assisting with commissioning.

### **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: £3,400,000

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

Start date

7 July 2025

End date

6 July 2028

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**

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

Date

10 January 2025

Local time

12:00pm

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

English

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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>