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Planning

## **Eurofusion Water Chemistry**

United Kingdom Atomic Energy Authority

F01: Prior information notice

Prior information only

Notice identifier: 2021/S 000-031559

Procurement identifier (OCID): ocds-h6vhtk-0302be

Published 17 December 2021, 10:21am

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

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

United Kingdom Atomic Energy Authority

Culham Science Centre

Abingdon

OX14 3DB

#### **Contact**

Theodora Bampatsia

#### **Email**

[theodora.bampatsia@ukaea.uk](mailto:theodora.bampatsia@ukaea.uk)

#### **Telephone**

+44 1235467082

#### **Country**

United Kingdom

**NUTS 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=41528&B=UK](https://uk.eu-supply.com/app/rfq/rwlenrance_s.asp?PID=41528&B=UK)

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

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## **Section II: Object**

### **II.1) Scope of the procurement**

#### **II.1.1) Title**

Eurofusion Water Chemistry

Reference number

T/DB282/21

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

- 42150000 - Nuclear reactors and parts

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

Supplies

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

The United Kingdom Atomic Energy Authority (UKAEA) is a non-departmental government body carrying out research into nuclear fusion as a future source of energy. At UKAEA, we are involved in the development of water chemistry regimes, corrosion mitigation, and modelling for DEMO and ITER via a collaborations with the EUROfusion FP9 framework.

UKAEA wishes to engage with potential prime contractors, SME's and manufacturers for the support of modelling and experimental verification, and the development of a corrosion database which is essential in order to define and understand the required water chemistry regime in fusion reactors.

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

This contract is divided into lots: No

### **II.2) Description**

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

- 42151000 - Nuclear reactors
- 42152000 - Parts of nuclear reactors
- 42152100 - Reactor-cooling systems

- 42152200 - Parts of nuclear-reactor vessels

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

NUTS codes

- UKJ14 - Oxfordshire

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

The United Kingdom Atomic Energy Authority (UKAEA) is a non-departmental government body carrying out research into nuclear fusion as a future source of energy. At UKAEA, we are involved in the development of water chemistry regimes, corrosion mitigation, and modelling for DEMO and ITER via a collaborations with the EUROfusion FP9 framework.

UKAEA wishes to engage with potential prime contractors, SME's and manufacturers for the support of modelling and experimental verification, and the development of a corrosion database which is essential in order to define and understand the required water chemistry regime in fusion reactors.

Through this process we are looking to engage with suppliers to ensure there is sufficient production capability and capacity to meet project timelines and design requirements.

After the engagement exercise, UKAEA intend to issue an Invitation to Tender through EU Supply and the Find a Tender portal to procure services for design, development, and testing work through competitively tendered contracts.

### **II.3) Estimated date of publication of contract notice**

1 March 2022

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## **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: No