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Not applicable

## **Diffusion Bonding Furnace**

United Kingdom Atomic Energy Authority

F14: Notice for changes or additional information

Notice identifier: 2024/S 000-022500

Procurement identifier (OCID): ocds-h6vhtk-039b0c

Published 19 July 2024, 1:49pm

### **Section I: Contracting authority/entity**

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

United Kingdom Atomic Energy Authority

Culham Campus

Abingdon

OX14 3DB

#### **Contact**

Charlotte Byrne

#### **Email**

[charlotte.byrne@ukaea.uk](mailto:charlotte.byrne@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>

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## **Section II: Object**

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

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

Diffusion Bonding Furnace

Reference number

T/CB008/23

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

- 42300000 - Industrial or laboratory furnaces, incinerators and ovens

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

Supplies

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

UKAEA researches fusion energy and related technologies, with the aim of positioning the UK as a leader in sustainable nuclear energy.

As part of a renovation and upgrade plan of the Special Techniques Group (STG) capabilities, new diffusion bonding equipment has been identified to be added as a key capability.

This project's scope shall include the design, manufacture, installation, and commissioning of a diffusion bonding furnace for UKAEA's facilities at Oxfordshire.

?The requirement is to procure a capability to create diffusion bonded joints and components for specified materials. Currently, in fusion, there is an increased interest in tungsten and its alloys & CuCrZr components. Diffusion bonding is envisaged as one of the most promising techniques to joint this material.

This procurement will be via a Competitive Dialogue process.

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## **Section VI. Complementary information**

### **VI.6) Original notice reference**

Notice number: [2024/S 000-010084](#)

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## **Section VII. Changes**

### **VII.1) Information to be changed or added**

### **VII.2) Other additional information**

Conclusion of Dialogue phase - 19th July