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Planning

## **Ceramic to Metal Bonding for microwave windows in ultra-high vacuum boundaries For STEP**

United Kingdom Atomic Energy Authority

F01: Prior information notice

Prior information only

Notice identifier: 2024/S 000-017908

Procurement identifier (OCID): ocds-h6vhtk-046ec9

Published 10 June 2024, 4:19pm

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

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

United Kingdom Atomic Energy Authority

Culham Campus

Abingdon

OX14 3DB

#### **Contact**

Raj Kumar

#### **Email**

[raj.kumar@ukaea.uk](mailto:raj.kumar@ukaea.uk)

#### **Telephone**

+12 35528822

**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=82523&B=UKAEA](https://uk.eu-supply.com/app/rfq/rwlenrance_s.asp?PID=82523&B=UKAEA)

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**

Ceramic to Metal Bonding for microwave windows in ultra-high vacuum boundaries For STEP

Reference number

T/RK/090/24

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

- 73000000 - Research and development services and related consultancy services

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

Services

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

The objective of this PIN is to develop microwave vacuum windows based on the design specifications for either circular or rectangular waveguide. There will be two general applications in which a ceramic is inserted into a waveguide or metallic wall:

- Standard rectangular waveguide from WR-02 to WR-28
- Small circular or rectangular window with ceramic having a high index of refraction)

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

Value excluding VAT: £50,000

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

This contract is divided into lots: No

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

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

- 73300000 - Design and execution of research and development

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

NUTS codes

- UK - United Kingdom

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

The objective of this PIN is to develop microwave vacuum windows based on the design specifications for either circular or rectangular waveguide. There will be two general applications in which a ceramic is inserted into a waveguide or metallic wall:

- Standard rectangular waveguide from WR-02 to WR-28
- Small circular or rectangular window with ceramic having a high index of refraction)

### **II.2.14) Additional information**

Please refer to the attached document for further information regarding this PIN.

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

19 August 2024

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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: Yes