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#### **Planning**

# Ceramic to Metal Bonding for microwave windows in ultrahigh 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

#### **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/rfg/rwlentrance\_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

## **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

## 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