

This is a published notice on the Find a Tender service: <https://www.find-tender.service.gov.uk/Notice/016682-2022>

Planning

## **Additive Manufacturing Technology Demonstration In Tungsten Mock-Up Development**

United Kingdom Atomic Energy Authority

F01: Prior information notice

Prior information only

Notice identifier: 2022/S 000-016682

Procurement identifier (OCID): ocds-h6vhtk-0347cf

Published 17 June 2022, 1:57pm

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

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

United Kingdom Atomic Energy Authority

Culham Science Centre

Abingdon

OX14 3DBu

#### **Contact**

Jim McGough

#### **Email**

[jim.mcgough@ukaea.uk](mailto:jim.mcgough@ukaea.uk)

#### **Telephone**

+44 1235467082

**Country**

United Kingdom

**NUTS 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.2) Information about joint procurement**

The contract is awarded by a central purchasing body

**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=48378&B=UK](https://uk.eu-supply.com/app/rfq/rwlenrance_s.asp?PID=48378&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

---

## **Section II: Object**

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

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

Additive Manufacturing Technology Demonstration In Tungsten Mock-Up Development

Reference number

T/JM/108/22

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

- 14755000 - Tungsten

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

Supplies

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

The purpose of this RFI is to have a better understanding of the marketing capabilities of additive manufacturing that currently exist. The two dominant types within the scope of our interests are powder bed fusion methods such as laser beam (PBF-LB) and electron beam (PBF-EB). The main objective is to find out supplier's unique capabilities to produce parts with complex structures out of tungsten with high print quality. These parts will be intended to be used in material testing, with potential application as plasma-facing component of a tokamak fusion reactor.

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

This contract is divided into lots: No

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

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

- 14755000 - Tungsten

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

NUTS codes

- UK - United Kingdom

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

The purpose of this RFI is to have a better understanding of the marketing capabilities of additive manufacturing that currently exist. The two dominant types within the scope of our interests are powder bed fusion methods such as laser beam (PBF-LB) and electron beam (PBF-EB). The main objective is to find out supplier's unique capabilities to produce parts with complex structures out of tungsten with high print quality. These parts will be intended to be used in material testing, with potential application as plasma-facing component of a tokamak fusion reactor.

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

19 August 2022

---

## **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