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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
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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

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/rwlentrance_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 RFII 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 RFII 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