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Tender

Metal Melting/Casting Test Rig

United Kingdom Atomic Energy Authority

F02: Contract notice

Notice identifier: 2021/S 000-008724

Procurement identifier (OCID): ocds-h6vhtk-02a985

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Section I: Contracting authority

I.1) Name and addresses

United Kingdom Atomic Energy Authority

Culham Science Centre

Abingdon

OX14 3DB

Contact

Robert Boston

Email

robert.boston@ukaea.uk

Telephone

+44 1235467082

Country

United Kingdom

NUTS code

UKJ1 - Berkshire, Buckinghamshire and 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>

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=37644&B=UK

Additional information can be obtained from the above-mentioned address

Tenders or requests to participate must be submitted electronically via

https://uk.eu-supply.com/app/rfq/rwlenrance_s.asp?PID=37644&B=UK

Tenders or requests to participate must be submitted to 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

Metal Melting/Casting Test Rig

Reference number

T/RB038/21

II.1.2) Main CPV code

- 42330000 - Smelting furnaces

II.1.3) Type of contract

Supplies

II.1.4) Short description

The design, build, and commission of a metal melting furnace for the use of experimental testing and research.

Aims of the research are to test metal melting, separation, volume reduction, and radiological contamination and the furnace purchased should allow such investigations to occur, while also aiding in the advancement of Technology Readiness Levels (TRLs) of the process.

The metal melting furnace should be able to heat to a temperature of 1,750°C. The rig (for purposes here called 'Rig 1') should have a capacity of 200 – 500 milliliters melt volume with a footprint of less than 3m x 3m x 3m and able to handle radioactive materials with a tritium content