

This is a published notice on the Find a Tender service: <https://www.find-tender.service.gov.uk/Notice/010255-2021>

Not applicable

## **Metal Melting/Casting Test Rig**

United Kingdom Atomic Energy Authority

F14: Notice for changes or additional information

Notice identifier: 2021/S 000-010255

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

Published 11 May 2021, 12:21pm

### **Section I: Contracting authority/entity**

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

United Kingdom Atomic Energy Authority

Culham Science Centre

Abingdon

OX14 3DB

#### **Contact**

Robert Boston

#### **Email**

[robert.boston@ukaea.uk](mailto: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>

---

**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