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Planning

## **Hypervapotrons and Cooling Dumps**

United Kingdom Atomic Energy Authority

F01: Prior information notice

Prior information only

Notice identifier: 2021/S 000-009679

Procurement identifier (OCID): ocds-h6vhtk-02ad40

Published 5 May 2021, 12:06pm

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

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

United Kingdom Atomic Energy Authority

Culham Science Centre

Abingdon

OX14 3DB

#### **Contact**

Robert Franklin

#### **Email**

[Robert.franklin@ukaea.uk](mailto:Robert.franklin@ukaea.uk)

#### **Country**

United Kingdom

#### **NUTS code**

UKJ14 - 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=37779&B=UK](https://uk.eu-supply.com/app/rfq/rwlenrance_s.asp?PID=37779&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

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## **Section II: Object**

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

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

Hypervapotrons and Cooling Dumps

Reference number

T/RAF044/21

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

- 38418000 - Calorimeters

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

Supplies

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

Manufacture and Delivery of 3 types of CuCrZr Hypervapotron Elements.

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

This contract is divided into lots: No

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

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

- 42510000 - Heat-exchange units, air-conditioning and refrigerating equipment, and filtering machinery
- 44600000 - Tanks, reservoirs and containers; central-heating radiators and boilers

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

NUTS codes

- UKJ14 - Oxfordshire

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

The Manufacture of 3 types of Copper-Chromium-Zirconium (CuCrZr) Hypervapotron elements (56 total across all types). The Hypervapotron body, backplate and stub assemblies all feature continuous 3mm EB welds. EB weld backing pieces are inserted to

ensure there is always a backing surface for the EB weld. The mounting bosses will be EB welded to be backplate through their flanges. The pipe stub assemblies use a nickel transition piece which is EB welded to the CuCrZr stub. This is TIG welded to a stainless steel stub which can later be joined to the inlet and outlet pipework.

A further 18 water cooled dumps (OFHC Copper and CuCrCr) are included which feature vacuum brazed 10mm OD copper pipework or internal channel with brazed inlet and outlet pipes. Features are included for laying brazer filler and clamping the pipes down during the vacuum brazing process.

Further details are available by downloading the Market Information document on the link above.

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

31 May 2021

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## **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