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
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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 Franklin

Email

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/rwlentrance_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

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

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