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Planning

## **H3AT - Process Inline Heaters**

United Kingdom Atomic Energy Authority

F01: Prior information notice

Prior information only

Notice identifier: 2022/S 000-006133

Procurement identifier (OCID): ocds-h6vhtk-031e8e

Published 7 March 2022, 10:39am

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

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

United Kingdom Atomic Energy Authority

Culham Science Centre

Abingdon

OX14 3DB

#### **Contact**

Abigail Woods

#### **Email**

[abigail.woods@ukaea.uk](mailto:abigail.woods@ukaea.uk)

#### **Telephone**

+44 1235467082

**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=44445&B=UK](https://uk.eu-supply.com/app/rfq/rwlenrance_s.asp?PID=44445&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**

H3AT - Process Inline Heaters

Reference number

T/AW048/22

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

- 42511100 - Heat-exchange units

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

Supplies

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

UKAEA wishes to engage with potential prime contractors, Small and Medium-sized Enterprises, electric heater and Power controller hardware manufacturers for the supply of 6-off inline process heater for use with Tritium containing gas or liquid media, associated power controllers, embedded sensors and cabling. Quantities and detailed specifications are to be confirmed following preliminary and detailed design. These inline process heaters will be for use in a number of sub-systems that will make up the Tritium Plant located within the new H3AT Facility currently in construction on the UKAEA Culham site.

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

This contract is divided into lots: No

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

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

- 31000000 - Electrical machinery, apparatus, equipment and consumables; lighting
- 31230000 - Parts of electricity distribution or control apparatus
- 31670000 - Electrical parts of machinery or apparatus

- 31680000 - Electrical supplies and accessories
- 31720000 - Electromechanical equipment
- 31730000 - Electrotechnical equipment
- 31731100 - Modules
- 38126300 - Temperature or humidity surface observing apparatus
- 38424000 - Measuring and control equipment
- 38570000 - Regulating and controlling instruments and apparatus
- 38800000 - Industrial process control equipment and remote-control equipment
- 38810000 - Industrial process control equipment
- 38820000 - Remote-control equipment
- 42511000 - Heat-exchange units and machinery for liquefying air or other gases
- 42910000 - Distilling, filtering or rectifying apparatus
- 42967000 - Controller unit
- 42993000 - Chemical industry machinery
- 71300000 - Engineering services
- 71320000 - Engineering design services
- 71323000 - Engineering-design services for industrial process and production
- 71330000 - Miscellaneous engineering services
- 71333000 - Mechanical engineering services
- 71335000 - Engineering studies
- 71336000 - Engineering support services
- 71340000 - Integrated engineering services

- 71350000 - Engineering-related scientific and technical services
- 73100000 - Research and experimental development services
- 73120000 - Experimental development services

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

NUTS codes

- UKJ14 - Oxfordshire

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

UKAEA wishes to engage with potential prime contractors, Small and Medium-sized Enterprises, electric heater and Power controller hardware manufacturers for the supply of 6-off inline process heater for use with Tritium containing gas or liquid media, associated power controllers, embedded sensors and cabling. Quantities and detailed specifications are to be confirmed following preliminary and detailed design. These inline process heaters will be for use in a number of sub-systems that will make up the Tritium Plant located within the new H3AT Facility currently in construction on the UKAEA Culham site.

The current sub systems requiring Process Inline Heaters are:-

- Hydrogen Chemical Purification System [HPS]
- Water Detritiation System (deemed collaborative contract development) [WDS]
- Atmosphere Detritiation System [ADS]

(please note this list is subject to change and other sub systems may be included)

Through this process we are looking to open up engagement with suppliers to ensure there is sufficient production capability and capacity to meet project timelines and design requirements.

After the engagement exercise, UKAEA intend to issue an Invitation to Tender through the EU Supply and Find a Tender portals (replacement to Tenders Electronic Daily) to procure services for design and provision of equipment through competitively tendered contracts.

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

31 July 2022

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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