This is a published notice on the Find a Tender service: <a href="https://www.find-tender.service.gov.uk/Notice/006133-2022">https://www.find-tender.service.gov.uk/Notice/006133-2022</a>

### **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

### **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/rwlentrance\_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** 

# **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

### 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