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Planning

## **H3AT Skid Manufacture**

United Kingdom Atomic Energy Authority

F01: Prior information notice

Prior information only

Notice identifier: 2022/S 000-005470

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

Published 28 February 2022, 5:09pm

### **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)

#### **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=44211&B=UK](https://uk.eu-supply.com/app/rfq/rwlentrance_s.asp?PID=44211&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 Skid Manufacture

Reference number

T/AW041/22

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

- 31682210 - Instrumentation and control equipment

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

Supplies

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

UKAEA wishes to engage with potential prime contractors, SME's, fabricators and assemblers for the fabrication, assembly and testing of 5-10 modular skid mounted assemblies and the fitout of 20 gloveboxes (gloveboxes to be free issued or provisioned by the contractor). Scope and quantity to be confirmed at ITT and is subject to preliminary and detailed engineering design phases. These units will make up a number of sub-systems that will form the Tritium Plant located within the new H3AT Facility currently in construction on the UKAEA Culham site. The units will generally comprise of equipment, valves, instrumentation and interconnecting pipework mounted into containment skids or in gloveboxes (gloveboxes to be tendered as a separate package). Skids will be required to accommodate equipment and piping in various sizes, approximate footprints of 0.5x0.5m up to 2.8x1.5m and heights 0.5-2.1m (to be confirmed).

#### **II.1.5) Estimated total value**

Value excluding VAT: £8,750,000

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

This contract is divided into lots: No

## **II.2) Description**

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

- 09343000 - Radioactive materials
- 09344000 - Radio-isotopes
- 31211110 - Control panels
- 31213000 - Distribution equipment
- 31213100 - Distribution boxes
- 31213300 - Cable distribution cabinet
- 31213400 - Distribution system
- 31224700 - Junction boxes
- 31600000 - Electrical equipment and apparatus
- 31682200 - Instrument panels
- 31731100 - Modules
- 42131390 - Assemblies of valves
- 42418500 - Mechanical handling equipment
- 42664000 - Fusion equipment
- 42961000 - Command and control system
- 42990000 - Miscellaneous special-purpose machinery
- 44141000 - Conduit
- 44141100 - Electric conduit
- 44142000 - Frames
- 44160000 - Pipeline, piping, pipes, casing, tubing and related items

- 44162000 - Piping
- 44162100 - Piping supplies
- 44163000 - Pipes and fittings
- 44163100 - Pipes
- 44163150 - Low-pressure pipes
- 44163160 - Distribution pipes and accessories
- 44163200 - Pipe fittings
- 44163210 - Pipe clamps
- 44163230 - Pipe connectors
- 44163240 - Pipe joints
- 44163241 - Insulated joints
- 44164200 - Tubing
- 44164300 - Tubular goods
- 44164310 - Tubes and fittings
- 44167100 - Couplings
- 44167110 - Flanges
- 44167111 - Flange adaptors
- 44167300 - Bends, tees and pipe fittings
- 44167400 - Elbows
- 44200000 - Structural products
- 44210000 - Structures and parts of structures
- 44212313 - Supports

- 44212500 - Angles and sections
- 44316400 - Hardware
- 44318000 - Conductors
- 44320000 - Cable and related products
- 44322000 - Cable accessories
- 44322100 - Cable conduits
- 44322200 - Cable connectors
- 44322300 - Cable ducts
- 44322400 - Cable fasteners
- 44531500 - Flange jointing sets
- 44615000 - Pressure vessels
- 44615100 - Steel pressure vessels
- 45255400 - Fabrication work
- 45262670 - Metalworking
- 45262680 - Welding
- 45311000 - Electrical wiring and fitting work
- 45311100 - Electrical wiring work
- 45311200 - Electrical fitting work
- 71300000 - Engineering services
- 71314100 - Electrical services
- 71320000 - Engineering design services
- 71323000 - Engineering-design services for industrial process and production

- 71323200 - Plant engineering design services
- 71330000 - Miscellaneous engineering services
- 71333000 - Mechanical engineering services
- 71334000 - Mechanical and electrical engineering services
- 71335000 - Engineering studies
- 71336000 - Engineering support services
- 71340000 - Integrated engineering services
- 71350000 - Engineering-related scientific and technical services
- 72242000 - Design-modelling services
- 73430000 - Test and evaluation

### **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, SME's, fabricators and assemblers for the fabrication, assembly and testing of 5-10 modular skid mounted assemblies and the fitout of 20 gloveboxes (gloveboxes to be free issued or provisioned by the contractor). Scope and quantity to be confirmed at ITT and is subject to preliminary and detailed engineering design phases. These units will make up a number of sub-systems that will form the Tritium Plant located within the new H3AT Facility currently in construction on the UKAEA Culham site. The units will generally comprise of equipment, valves, instrumentation and interconnecting pipework mounted into containment skids or in gloveboxes (gloveboxes to be tendered as a separate package). Skids will be required to accommodate equipment and piping in various sizes, approximate footprints of 0.5x0.5m up to 2.8x1.5m and heights 0.5-2.1m (to be confirmed).

Through this process we are looking to open-up the engagement for suppliers with the aim of ensuring there is sufficient production capability and capacity to meet project timelines and design requirements.

UKAEA intend, after the engagement exercise, to issue tenders through the Find a Tender service (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**

1 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: No