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Planning

H3AT- COTS Equipment (Valves, Filters and Instructions)

United Kingdom Atomic Energy Authority

F01: Prior information notice
Prior information only
Notice identifier: 2022/S 000-019685
Procurement identifier (OCID): ocds-h6vhtk-03538d
Published 19 July 2022, 4:11pm

Section I: Contracting authority

I.1) Name and addresses

United Kingdom Atomic Energy Authority

Culham Science Centre

Abingdon

OX14 3DB

Contact

Theodora Bampatsia

Email

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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=50660&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- COTS Equipment (Valves, Filters and Instructions)

Reference number

T/DB130/22

II.1.2) Main CPV code

- 31000000 - Electrical machinery, apparatus, equipment and consumables; lighting

II.1.3) Type of contract

Supplies

II.1.4) Short description

UKAEA wishes to engage with potential equipment suppliers and SMEs for the supply of approximately 384 instruments. These components will be for use in several 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)

- 31214100 - Switches
- 31230000 - Parts of electricity distribution or control apparatus
- 31600000 - Electrical equipment and apparatus
- 31680000 - Electrical supplies and accessories
- 31682520 - Emergency shutdown systems
- 38000000 - Laboratory, optical and precision equipments (excl. glasses)

- 38126300 - Temperature or humidity surface observing apparatus
- 38300000 - Measuring instruments
- 38341000 - Apparatus for measuring radiation
- 38341310 - Ammeters
- 38400000 - Instruments for checking physical characteristics
- 38416000 - PH meters
- 38420000 - Instruments for measuring flow, level and pressure of liquids and gases
- 38421000 - Flow-measuring equipment
- 38421110 - Flowmeters
- 38422000 - Level-measuring equipment
- 38423000 - Pressure-measuring equipment
- 38434000 - Analysers
- 38930000 - Humidity and moisture measuring instruments

II.2.3) Place of performance

NUTS codes

- UKJ14 - Oxfordshire

Main site or place of performance

UKAEA

II.2.4) Description of the procurement

UKAEA wishes to engage with potential equipment suppliers and SMEs for the supply of approximately 384 instruments. These components will be for use in several sub systems that will make up the Tritium Plant located within the new H3AT Facility currently in construction on the UKAEA Culham site.

The H3AT Facility Tritium Plant consists of the following sub-systems:

· Storage and Delivery System [SDS]

· Tokamak Vacuum Simulation [TVS]

· Hydrogen Chemical Purification System [HPS]

· Hydrogen Isotope Separation System (deemed collaborative contract development) [ISS]

· Water Detritiation System (deemed collaborative contract development) [WDS]

· Atmosphere Detritiation System [ADS]

· Chemical and Isotope Analysis of Gaseous Mixtures System [ANS]

· Radiological and Hazardous Gas Monitoring System [RGM]

The Facility is a tool of the H3AT Project. The missions of this project are:

· Supporting Delivery of fusion as a commercial power source

· Promoting industry, academia and research companies for work related to handling tritium and other radioactive isotopes

· Providing capability for training of next generation of scientists and engineers for development of the new power sources

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.

The scope of work as defined in this PIN can be broken down into smaller packages depending on supplier feedback. However, UKAEA will aim to minimise the number of independent packages to simplify the tendering process

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

3 October 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: No