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Planning

Hydrogen-3 Advanced Technologies Facility (H3AT) Tritium Plant – Radiological and Gas Monitoring (RGM) Sub-System

United Kingdom Atomic Energy Authority

F01: Prior information notice
Reducing time limits for receipt of tenders
Notice identifier: 2021/S 000-021271
Procurement identifier (OCID): ocds-h6vhtk-02da86
Published 27 August 2021, 12:08pm

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=39386&B=UK

Additional information can be obtained from the above-mentioned address

Tenders or requests to participate must be submitted electronically via

https://uk.eu-supply.com/app/rfq/rwlentrance_s.asp?PID=39386&B=UK

Tenders or requests to participate must be submitted to 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

Hydrogen-3 Advanced Technologies Facility (H3AT) Tritium Plant – Radiological and Gas Monitoring (RGM) Sub-System

Reference number

T/AW162/21

II.1.2) Main CPV code

- 38341000 - Apparatus for measuring radiation

II.1.3) Type of contract

Supplies

II.1.4) Short description

UKAEA wishes to engage with potential prime contractors, SME’s, system designers and

manufacturers of equipment for the Radiological and Gas Monitoring (RGM) Sub-System within the

Tritium Plant located in the new H3AT Facility, to monitor the atmosphere and containment for

Tritium (T2), Flammable Gas (H2, D2, T2, CH4), and Oxygen (O2) concentrations

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

• SDS - Storage and Delivery System

• TVS - Tokamak Vacuum Simulation

• HPS - Hydrogen Chemical Purification System

• ISS - Hydrogen Isotope Separation System (deemed collaborative contract development)

• WDS - Water Detritiation System (deemed collaborative contract development)

• ADS - Atmosphere Detritiation System

• ANS - Chemical and Isotope Analysis of Gaseous Mixtures System

• RGM - Radiological and Gas Monitoring System

II.1.5) Estimated total value

Value excluding VAT: £500,000

II.1.6) Information about lots

This contract is divided into lots: No

II.2) Description

II.2.2) Additional CPV code(s)

- 31220000 - Electrical circuit components
- 31620000 - Sound or visual signalling apparatus
- 38100000 - Navigational and meteorological instruments
- 38122000 - Barometers
- 38126300 - Temperature or humidity surface observing apparatus
- 38128000 - Meteorology instrument accessories
- 38341200 - Radiation dosimeters

- 38341600 - Radiation monitors
- 38420000 - Instruments for measuring flow, level and pressure of liquids and gases
- 38423000 - Pressure-measuring equipment
- 38423100 - Pressure gauges
- 38424000 - Measuring and control equipment
- 38430000 - Detection and analysis apparatus
- 38431000 - Detection apparatus
- 38431100 - Gas-detection apparatus
- 38527100 - Ionization chamber dosimeters
- 38527200 - Dosimeters
- 38527300 - Secondary standard dosimetry systems
- 38540000 - Machines and apparatus for testing and measuring
- 38543000 - Gas-detection equipment
- 38546000 - Explosives detection system
- 38547000 - Dosimetry system
- 38580000 - Non-medical equipment based on the use of radiations
- 38800000 - Industrial process control equipment and remote-control equipment
- 38900000 - Miscellaneous evaluation or testing instruments
- 38940000 - Nuclear evaluation instruments
- 38943000 - Beta counters
- 38944000 - Beta gamma counters
- 51000000 - Installation services (except software)

- 51100000 - Installation services of electrical and mechanical equipment
- 51110000 - Installation services of electrical equipment
- 51112000 - Installation services of electricity distribution and control equipment
- 51112100 - Installation services of electricity distribution equipment
- 51112200 - Installation services of electricity control equipment
- 51200000 - Installation services of equipment for measuring, checking, testing and navigating
- 51210000 - Installation services of measuring equipment
- 51220000 - Installation services of checking equipment
- 51230000 - Installation services of testing equipment
- 51430000 - Installation services of laboratory equipment
- 51500000 - Installation services of machinery and equipment
- 51510000 - Installation services of general-purpose machinery and equipment
- 51700000 - Installation services of fire protection equipment
- 51900000 - Installation services of guidance and control systems
- 71300000 - Engineering services
- 71320000 - Engineering design services
- 71321000 - Engineering design services for mechanical and electrical installations for buildings
- 71323000 - Engineering-design services for industrial process and production
- 71326000 - Ancillary building services
- 71330000 - Miscellaneous engineering services
- 71334000 - Mechanical and electrical engineering services

- 71336000 - Engineering support services
- 71340000 - Integrated engineering services
- 71350000 - Engineering-related scientific and technical services
- 71700000 - Monitoring and control services
- 71900000 - Laboratory services
- 73000000 - Research and development services and related consultancy services
- 73100000 - Research and experimental development services
- 73120000 - Experimental development services
- 73300000 - Design and execution of research and development
- 73430000 - Test and evaluation
- 90721600 - Radiation protection services

II.2.3) Place of performance

NUTS codes

- UKJ14 - Oxfordshire

II.2.4) Description of the procurement

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manufacturers of equipment for the Radiological and Gas Monitoring (RGM) Sub-System within the

Tritium Plant located in the new H3AT Facility, to monitor the atmosphere and containment for

Tritium (T2), Flammable Gas (H2, D2, T2, CH4), and Oxygen (O2) concentrations.

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• ADS - Atmosphere Detritiation System

• ANS - Chemical and Isotope Analysis of Gaseous Mixtures System

• RGM - Radiological and Gas Monitoring System

II.2.5) Award criteria

Price is not the only award criterion and all criteria are stated only in the procurement documents

II.2.6) Estimated value

Value excluding VAT: £500,000

II.2.7) Duration of the contract, framework agreement or dynamic purchasing system

Start date

20 December 2021

II.2.13) Information about European Union Funds

The procurement is related to a project and/or programme financed by European Union funds: No

II.3) Estimated date of publication of contract notice

28 September 2021

Section III. Legal, economic, financial and technical information

III.1) Conditions for participation

III.1.1) Suitability to pursue the professional activity, including requirements relating to enrolment on professional or trade registers

List and brief description of conditions

Refer to Procurement Documents for information.

III.1.2) Economic and financial standing

List and brief description of selection criteria

Refer to Procurement Documents for information.

Minimum level(s) of standards possibly required

Refer to Procurement Documents for information.

III.1.3) Technical and professional ability

List and brief description of selection criteria

Refer to Procurement Documents for information.

Minimum level(s) of standards possibly required

Refer to Procurement Documents for information.

III.2) Conditions related to the contract

III.2.2) Contract performance conditions

Refer to Procurement Documents for information.

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

IV.2) Administrative information

IV.2.5) Scheduled date for start of award procedures

29 November 2021

Section VI. Complementary information

VI.4) Procedures for review

VI.4.1) Review body

UK Atomic Energy Authority

Culham Science Centre

Abingdon

OX14 3DB

Country

United Kingdom

Internet address

https://www.gov.uk/government/organisations/uk-atomic-energy-authority

VI.4.2) Body responsible for mediation procedures

UK Atomic Energy Authority

Culham Science Centre

Abingdon

OX14 3DB

Country

United Kingdom

Internet address

https://www.gov.uk/government/organisations/uk-atomic-energy-authority

VI.4.3) Review procedure

Precise information on deadline(s) for review procedures

VI.4.2)Body responsible for mediation procedures

VI.4.3)Review procedure

Precise information on deadline(s) for review procedures:

The authority will incorporate a minimum 10 calendar day standstill period at the point information on the award of the contract is communicated to tenderers.

This period allows unsuccessful tenderers to seek further debriefing from the authority before a contract is entered into applicants have 2 working days from the notification of the award decision to request. Additional debriefing and that information have to be provided within a minimum of 3 working days before the expiry of the standstill period. Such additional information should be sought from the contact named in this notice.

If an appeal regarding the award of a contract has not been successfully resolved, the Public Contracts Regulations 2015 (SI 2015 No. 102) provide for aggrieved parties who have been harmed or are at risk of harm by a breach of the rules to take action in the High Court (England, Wales and Northern Ireland).

Any such action must be brought promptly.

(generally within 3 months).

VI.4.4) Service from which information about the review procedure may be obtained

UK Atomic Energy Authority

Culham Science Centre

Abingdon

OX14 3DB

Country

United Kingdom

Internet address

https://www.gov.uk/government/organisations/uk-atomic-energy-authority