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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

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

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- 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) Revie	w body
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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