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Tender

DEMO RMTF - TR0 Modular Integration Work Cell

United Kingdom Atomic Energy Authority

F02: Contract notice

Notice identifier: 2023/S 000-018637

Procurement identifier (OCID): ocds-h6vhtk-03ddc6

Published 30 June 2023, 10:54am

Section I: Contracting authority

I.1) Name and addresses

United Kingdom Atomic Energy Authority

Culham Science Centre

Abingdon

OX14 3DB

Contact

Ben Osborne

Email

ben.osborne@ukaea.uk

Telephone

+44 1235467082

Country

United Kingdom

Region code

UKJ1 - Berkshire, Buckinghamshire and 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/rwlenrance_s.asp?PID=70091&B=UKAEA

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/rwlenrance_s.asp?PID=70091&B=UKAEA

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

DEMO RMTF - TR0 Modular Integration Work Cell

Reference number

T/BO033/23

II.1.2) Main CPV code

- 38970000 - Research, testing and scientific technical simulator

II.1.3) Type of contract

Supplies

II.1.4) Short description

RACE is developing the DEMO Remote Maintenance Test Facility (RMTF), which is intended to mitigate remote handling risks in the DEMO tokamak reactor project and to advance RACE's understanding of handling blanket segments – heavy, flexible payloads lining the inside of the reactor vessel.

The programme of work for the RMTF will involve the development and subsequent integration of a number of test rigs delivering a range of DEMO relevant capabilities.

The TR0 Modular Integration Work Cell (the subject of this procurement specification, henceforth referred to as “TR0”) has been commissioned as a first step in understanding the performance of robotic systems when handling flexible payloads. TR0 will facilitate the development of control algorithms and will help to inform (and therefore de-risk) the design of subsequent RMTF test rigs.

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)

- 42997300 - Industrial robots
- 45214620 - Research and testing facilities construction work

II.2.3) Place of performance

NUTS codes

- UKJ1 - Berkshire, Buckinghamshire and Oxfordshire

Main site or place of performance

Culham Science Centre, Abingdon, OX14 3DB

II.2.4) Description of the procurement

RACE is developing the DEMO Remote Maintenance Test Facility (RMTF), which is intended to mitigate remote handling risks in the DEMO tokamak reactor project and to advance RACE's understanding of handling blanket segments – heavy, flexible payloads lining the inside of the reactor vessel.

The programme of work for the RMTF will involve the development and subsequent integration of a number of test rigs delivering a range of DEMO relevant capabilities.

The TR0 Modular Integration Work Cell (the subject of this procurement specification, henceforth referred to as “TR0”) has been commissioned as a first step in understanding the performance of robotic systems when handling flexible payloads. TR0 will facilitate the

development of control algorithms and will help to inform (and therefore de-risk) the design of subsequent RMTF test rigs.

II.2.5) Award criteria

Quality criterion - Name: Quality / Weighting: 85%

Price - Weighting: 15%

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

13 September 2023

End date

31 March 2024

This contract is subject to renewal

No

II.2.10) Information about variants

Variants will be accepted: No

II.2.11) Information about options

Options: No

II.2.13) Information about European Union Funds

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

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.

III.2.3) Information about staff responsible for the performance of the contract

Obligation to indicate the names and professional qualifications of the staff assigned to performing the contract

Section IV. Procedure

IV.1) Description

IV.1.1) Type of procedure

Open procedure

IV.1.8) Information about the Government Procurement Agreement (GPA)

The procurement is covered by the Government Procurement Agreement: Yes

IV.2) Administrative information

IV.2.2) Time limit for receipt of tenders or requests to participate

Date

16 August 2023

Local time

12:00pm

IV.2.4) Languages in which tenders or requests to participate may be submitted

English

IV.2.6) Minimum time frame during which the tenderer must maintain the tender

Duration in months: 3 (from the date stated for receipt of tender)

IV.2.7) Conditions for opening of tenders

Date

16 August 2023

Local time

12:00pm

Section VI. Complementary information

VI.1) Information about recurrence

This is a recurrent procurement: No

VI.2) Information about electronic workflows

Electronic ordering will be used

Electronic invoicing will be accepted

Electronic payment will be used

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>