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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](mailto: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](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](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

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## **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

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## **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

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## **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

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## **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>