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Contract

DEMO TR0 Robotic Manipulator

United Kingdom Atomic Energy Authority

F03: Contract award notice

Notice identifier: 2023/S 000-020433

Procurement identifier (OCID): ocds-h6vhtk-03e266

Published 17 July 2023, 9:54am

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.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 TR0 Robotic Manipulator

Reference number

JNCA/BO076/23

II.1.2) Main CPV code

- 42997300 - Industrial robots

II.1.3) Type of contract

Supplies

II.1.4) Short description

The UK Atomic Energy Authority MACRO (Model-based Advanced Control for Remote Operations) team have a requirement for a robotic manipulator, controller and associated software and hardware for the RMTF TR0 Modular Integration Work Cell test rig.

Please note this is an award notice not a call for competition.

II.1.6) Information about lots

This contract is divided into lots: No

II.1.7) Total value of the procurement (excluding VAT)

Value excluding VAT: 79,500 EUR

II.2) Description

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

The UK Atomic Energy Authority MACRO (Model-based Advanced Control for Remote Operations) team have a requirement for a robotic manipulator, controller and associated software and hardware for the RMTF TR0 Modular Integration Work Cell test rig.

Please note this is an award notice not a call for competition.

II.2.5) Award criteria

Price

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 IV. Procedure

IV.1) Description

IV.1.1) Type of procedure

Award of a contract without prior publication of a call for competition in the cases listed below

- The services can be provided only by a particular economic operator for the following reason:
 - absence of competition for technical reasons

Explanation:

UK AEA requires this manipulator and controller to have a robotic control system which would allow a user-defined servo control, in which current demands to the motor drivers of the robot are calculated by bespoke control algorithms. In this way any proprietary control law implemented by the manufacturer should be overridable by the user-defined one. The controller should also implement a ROS 2 interface to allow real-time exchange of data with third party devices/software through the Data Distribution Service (DDS) protocol.”

UK AEA has identified the Comau G5G controller as the only “open” controller on the market in the sense described above. Furthermore, the C5G controller is now ROS-2 compatible, which makes it the best system architecture for DEMO RMTF in the current landscape of industrial controller technology..

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

The procurement is covered by the Government Procurement Agreement: No

Section V. Award of contract

Contract No

P/2077192

Title

DEMO TR0 Robotic Manipulator

A contract/lot is awarded: Yes

V.2) Award of contract

V.2.1) Date of conclusion of the contract

21 June 2023

V.2.2) Information about tenders

Number of tenders received: 1

The contract has been awarded to a group of economic operators: No

V.2.3) Name and address of the contractor

Comau S.p.A

Via Rivalta, 30

Grugliasco (TO)

10095

Country

Italy

NUTS code

- IT - Italy

National registration number

00952120012

The contractor is an SME

No

V.2.4) Information on value of contract/lot (excluding VAT)

Initial estimated total value of the contract/lot: 79,500 EUR

Total value of the contract/lot: 79,500 EUR

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>