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Contract

MTF Test Rig — Magnet System

United Kingdom Atomic Energy Authority

F03: Contract award notice

Notice identifier: 2021/S 000-011649

Procurement identifier (OCID): ocds-h6vhtk-02b4f3

Published 25 May 2021, 5:06pm

Section I: Contracting authority

I.1) Name and addresses

United Kingdom Atomic Energy Authority

Culham Science Centre

Abingdon

OX14 3DB

Contact

Victoria Fox

Email

Victoria.fox@ukaea.uk

Telephone

+44 1235466213

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.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

MTF Test Rig — Magnet System

Reference number

T/TM019/19

II.1.2) Main CPV code

- 31630000 - Magnets

II.1.3) Type of contract

Supplies

II.1.4) Short description

UKAEA is building a test rig to test components for fusion power plants in fusion-relevant conditions. This test rig incorporates superconducting magnets to create the high static magnetic fields desirable for fusion relevant testing of the sample under test. Additionally, resistive coil(s) are oriented orthogonally to the superconducting pair, and apply a pulsed field in a direction normal to the static field.

The scope of supply of this notice shall be the design and manufacture of the complete magnet system for the test rig including power supplies.

Installation and acceptance tests for the complete magnet system on the UKAEA site (in the United Kingdom) will also be included in the scope of supply.

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: £6,920,580

II.2) Description

II.2.2) Additional CPV code(s)

- 33111610 - Magnetic resonance unit
- 33113000 - Magnetic resonance imaging equipment
- 33113100 - Magnetic resonance scanners
- 33113110 - Nuclear magnetic resonance scanners

II.2.3) Place of performance

NUTS codes

- UKJ14 - Oxfordshire

II.2.4) Description of the procurement

UKAEA are currently carrying out conceptual design of a module test facility test rig (“MTF test rig”). The MTF test rig is a facility for prototype component validation under fusion relevant heat flux, thermal-hydraulic and electromagnetic conditions.

In essence, this is a testing machine to simulate conditions inside a tokamak fusion reactor. As such, we have a design requirement for a strong static magnetic field and a rapidly changing field.

The current concept design for the MTF test rig incorporates superconducting magnets to create the high static magnetic fields desirable for fusion-relevant testing of the sample under test (SUT). Additionally, resistive coil(s) are oriented orthogonally to the superconducting pair, and apply a pulsed field in a direction normal to the static field.

The scope of supply shall be the design and manufacture of the complete magnet system including power supplies. Installation and acceptance tests for the complete magnet system on the UKAEA site (in the United Kingdom) will also be included in the scope of supply.

II.2.5) Award criteria

Quality criterion - Name: Combined field performance / Weighting: 20

Quality criterion - Name: Compliance with the system specification / Weighting: 20

Quality criterion - Name: Residual risk / Weighting: 15

Quality criterion - Name: Quality and capacity / Weighting: pass/fail

Quality criterion - Name: Programme / Weighting: 10

Quality criterion - Name: Ability to manage design interfaces / Weighting: 5

Cost criterion - Name: Cost / Weighting: 30

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

Competitive procedure with negotiation

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.2.1) Previous publication concerning this procedure

Notice number: [2019/S 055-126311](#)

Section V. Award of contract

Contract No

T/TM019/19

Title

MTF Test Rig — Magnet System

A contract/lot is awarded: Yes

V.2) Award of contract

V.2.1) Date of conclusion of the contract

8 November 2019

V.2.2) Information about tenders

Number of tenders received: 3

Number of tenders received from SMEs: 0

Number of tenders received from tenderers from other EU Member States: 3

Number of tenders received from tenderers from non-EU Member States: 0

Number of tenders received by electronic means: 3

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

V.2.3) Name and address of the contractor

Tesla Engineering Limited

Storrington

RH20 3EA

Country

United Kingdom

NUTS code

- UKJ2 - Surrey, East and West Sussex

National registration number

02786571

The contractor is an SME

No

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

Total value of the contract/lot: £6,920,580

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>