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Contract

## **High Heat Flux Thermal Hydraulic and Electromagnetic Test Rig**

United Kingdom Atomic Energy Authority

F20: Modification notice

Notice identifier: 2023/S 000-017674

Procurement identifier (OCID): ocds-h6vhtk-02b9e4

Published 21 June 2023, 2:09pm

### **Section I: Contracting authority/entity**

#### **I.1) Name and addresses**

United Kingdom Atomic Energy Authority

Culham Science Centre

Abingdon

OX14 3DB

#### **Contact**

Colette McKernan

#### **Email**

[colette.mckernan@ukaea.uk](mailto:colette.mckernan@ukaea.uk)

#### **Country**

United Kingdom

**Region code**

UK - United Kingdom

**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>

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**Section II: Object****II.1) Scope of the procurement****II.1.1) Title**

High Heat Flux Thermal Hydraulic and Electromagnetic Test Rig

Reference number

T/TM012/18

**II.1.2) Main CPV code**

- 42664000 - Fusion equipment

**II.1.3) Type of contract**

Supplies

**II.2) Description****II.2.3) Place of performance**

NUTS codes

- UK - United Kingdom

Main site or place of performance

Rotherham

#### **II.2.4) Description of the procurement at the time of conclusion of the contract:**

Design and construction of an innovative Module Test Facility(MTF) test rig to meet solutions not currently available on the market. The MTF

test rig will provide a thermo-hydraulic and electromagnetic test facility for testing prototype components in fusion relevant (but non-nuclear) environments.

#### **II.2.7) Duration of the contract, framework agreement, dynamic purchasing system or concession**

Start date

16 December 2019

End date

31 July 2025

#### **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 IV. Procedure**

### **IV.2) Administrative information**

#### **IV.2.1) Contract award notice concerning this contract**

Notice number: [2021/S 000-012915](#)

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## **Section V. Award of contract/concession**

### **Contract No**

11749

### **V.2) Award of contract/concession**

#### **V.2.1) Date of conclusion of the contract/concession award decision:**

16 December 2019

#### **V.2.2) Information about tenders**

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

#### **V.2.3) Name and address of the contractor/concessionaire**

Wood Nuclear Limited

Knutsford

WA16 8QZ

Country

United Kingdom

NUTS code

- UK - United Kingdom

The contractor/concessionaire is an SME

No

#### **V.2.4) Information on value of the contract/lot/concession (at the time of conclusion of the contract;excluding VAT)**

Total value of the procurement: £14,326,935

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## **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>

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## **Section VII: Modifications to the contract/concession**

### **VII.1) Description of the procurement after the modifications**

#### **VII.1.1) Main CPV code**

- 42664000 - Fusion equipment

#### **VII.1.3) Place of performance**

NUTS code

- UK - United Kingdom

#### **VII.1.4) Description of the procurement:**

Design and construction of an innovative Module Test Facility(MTF) test rig to meet solutions not currently available on the market. The MTF test rig will provide a thermo-hydraulic and electromagnetic test facility for testing prototype components in fusion relevant (but non-nuclear) environments, aiming at the development and subsequent

purchase of supplies, service and/or works to deliver the MTF to agreed performance levels and costs.

#### **VII.1.5) Duration of the contract, framework agreement, dynamic purchasing system or concession**

Start date

16 December 2019

End date

31 July 2025

#### **VII.1.6) Information on value of the contract/lot/concession (excluding VAT)**

Total value of the contract/lot/concession:

£31,900,000

### **VII.1.7) Name and address of the contractor/concessionaire**

Jacobs Clean Energy Ltd

Cottons Centre

London

SE1 2QG

Country

United Kingdom

NUTS code

- UK - United Kingdom

National registration number

Jacobs Clean Energy Ltd

The contractor/concessionaire is an SME

No

### **VII.2) Information about modifications**

#### **VII.2.1) Description of the modifications**

Nature and extent of the modifications (with indication of possible earlier changes to the contract):

Price cap added, subject to Employer's risks materialising after 1st October 2022.

#### **VII.2.2) Reasons for modification**

Need for modification brought about by circumstances which a diligent contracting authority/entity could not foresee.

Description of the circumstances which rendered the modification necessary and explanation of the unforeseen nature of these circumstances:



On the first condition, the reasoning is that this is an experimental project, which explains the unforeseen circumstance (significant cost overruns due to the experimental nature of the project) and that is the principal purpose of a Target Cost Contract. This certainty obtained through the price cap would not have been possible initially, due to the aggregate risks inherent to the experimental nature of the project. On the second condition, adding a cap does not alter the overall nature of the contract, as the contractor is still providing services in relation to the design and procurement, manufacture, delivery, installation and commissioning of CHIMERA. On the third condition, the reasoning is that adding a price cap does not carry any increase in price.

### **VII.2.3) Increase in price**

Updated total contract value before the modifications (taking into account possible earlier contract modifications, price adaptations and average inflation)

Value excluding VAT: £14,326,935

Total contract value after the modifications

Value excluding VAT: £31,900,000