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Award

## Design & Build Framework

UK Atomic Energy Authority

UK6: Contract award notice - Procurement Act 2023 - [view information about notice types](#)

Notice identifier: 2025/S 000-051064

Procurement identifier (OCID): ocds-h6vhtk-054574 ([view related notices](#))

Published 22 August 2025, 11:47pm

## Scope

### Description

A framework for a series of interconnected projects aimed at design, engineering, testing, and deployment efforts to address critical challenges in fusion systems, components, and facilities. Indicative projects focusses on innovation, technology readiness, and enabling collaborations within the supply chain.

To deliver on these series of interconnected projects under the technical themes, suppliers with expertise and capabilities are required

### Commercial tool

Establishes a framework

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## **Lot LOT-0001. Design and Build Framework**

### **Description**

This Procurement Project is to create a Framework for the delivery of future projects relating to the Fusion Futures programme. This Framework is designed for the Fusion Futures Industry Capability programme but not limited to it.

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## **Lot LOT-0002. Design & Build Framework Lot 2: Component Design, Build & System Integration**

### **Description**

This lot focuses on the design, manufacturing, and integration of high-performance components and systems for fusion applications. It includes the development of mechanical, electrical, and thermal components, their assembly into working subsystems, and their integration into larger operational frameworks. Given the extreme conditions of fusion environments, this work requires advanced materials, precision engineering, and compliance with stringent safety and performance standards.

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## **Lot LOT-0003. Design & Build Framework Lot 3: Prototype & Rig Design and Build**

### **Description**

This lot focuses on the design, development, and testing of prototype systems and experimental rigs that support fusion research. It includes the creation of test beds for validating new technologies, experimental setups for component qualification, and prototype systems that could be scaled into operational fusion reactors. This category is crucial for bridging the gap between theoretical research and practical application in fusion energy development.

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## **Lot LOT-0004. Design & Build Framework Lot 4: Design and Build Digital & Control Systems**

### **Description**

This lot focuses on the design, development, and integration of digital, IT, and control systems for fusion applications. It includes software development, real-time control frameworks, high-performance computing (HPC), automation, and advanced data processing for fusion reactor operations. These systems are crucial for optimizing plasma control, ensuring operational safety, and enabling remote monitoring of fusion experiments.

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## **Contract 1. D&B Framework Lot 1**

### **Lots**

Lot LOT-0001. Design and Build Framework

### **Suppliers (4)**

- ALTRAD BABCOCK LIMITED
- AMENTUM CLEAN ENERGY LIMITED
- Atkins
- MCANDREW MARTIN LIMITED

## **Contract value**

- £7,916,667 excluding VAT
- £9,500,000 including VAT

Framework lot values may be shared with other lots

Above the relevant threshold

## **Award decision date**

22 July 2025

## **Date assessment summaries were sent to tenderers**

23 July 2025

## **Standstill period**

- End: 3 September 2025
- 8 working days

## **Earliest date the contract will be signed**

4 September 2025

## **Contract dates (estimated)**

- 5 September 2025 to 4 September 2026
- 1 year

## **Main procurement category**

Services

## **CPV classifications**

- 35113210 - Nuclear safety equipment
- 38940000 - Nuclear evaluation instruments
- 42150000 - Nuclear reactors and parts
- 45251111 - Construction work for nuclear reactors
- 71320000 - Engineering design services
- 98113100 - Nuclear safety services

## **Contract locations**

- UK - United Kingdom
- 

## **Contract 2. D&B Framework Lot 2 Component Design, Build & System Integration**

### **Lots**

Lot LOT-0002. Design & Build Framework Lot 2: Component Design, Build & System Integration

### **Suppliers (12)**

- 3-SCI LTD
- ALTRAD BABCOCK LIMITED
- AMENTUM CLEAN ENERGY LIMITED
- ARTNEER LIMITED
- ATKINSRÉALIS UK LIMITED
- DEMCON high-tech systems Enschede B.V.
- EADON CONSULTING LIMITED
- FRAZER-NASH CONSULTANCY LIMITED
- Kyoto Fusioneering UK Ltd.
- M5TEC LIMITED
- OXFORD SIGMA LIMITED
- RED ENGINEERING LIMITED

### **Contract value**

- £7,916,667 excluding VAT
- £9,500,000 including VAT

Framework lot values may be shared with other lots

Above the relevant threshold

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- 1 year

### **Main procurement category**

Services

### **CPV classifications**

- 35113210 - Nuclear safety equipment
- 38940000 - Nuclear evaluation instruments
- 42150000 - Nuclear reactors and parts
- 45251111 - Construction work for nuclear reactors
- 71320000 - Engineering design services

- 98113100 - Nuclear safety services

## **Contract locations**

- UK - United Kingdom
- 

## **Contract 3. D&B Framework Lot 3: Prototype & Rig Design and Build**

### **Lots**

Lot LOT-0003. Design & Build Framework Lot 3: Prototype & Rig Design and Build

### **Suppliers (12)**

- 3-SCI LTD
- ALTRAD BABCOCK LIMITED
- AMENTUM CLEAN ENERGY LIMITED
- AQUILA NUCLEAR ENGINEERING LIMITED
- ATKINSRÉALIS UK LIMITED
- DEMCON high-tech systems Enschede B.V.
- EADON CONSULTING LIMITED
- FRAZER-NASH CONSULTANCY LIMITED
- Kyoto Fusioneering UK Ltd.
- M5TEC LIMITED
- OXFORD SIGMA LIMITED



- RED ENGINEERING LIMITED

### **Contract value**

- £7,916,667 excluding VAT
- £9,500,000 including VAT

Framework lot values may be shared with other lots

Above the relevant threshold

### **Award decision date**

22 July 2025

### **Date assessment summaries were sent to tenderers**

23 July 2025

### **Standstill period**

- End: 3 September 2025
- 8 working days

### **Earliest date the contract will be signed**

4 September 2025

### **Contract dates (estimated)**

- 5 September 2025 to 4 September 2026

- 1 year

## **Main procurement category**

Services

## **CPV classifications**

- 35113210 - Nuclear safety equipment
- 38940000 - Nuclear evaluation instruments
- 42150000 - Nuclear reactors and parts
- 45251111 - Construction work for nuclear reactors
- 71320000 - Engineering design services
- 98113100 - Nuclear safety services

## **Contract locations**

- UK - United Kingdom
- 

## **Contract 4. D&B Framework Lot 4: Design and Build Digital & Control Systems**

### **Lots**

Lot LOT-0004. Design & Build Framework Lot 4: Design and Build Digital & Control Systems

## **Suppliers (7)**

- AMENTUM CLEAN ENERGY LIMITED
- ARTNEER LIMITED
- ATKINSRÉALIS UK LIMITED
- Cosylab d.d.
- DEMCON high-tech systems Enschede B.V.
- KINECTRICS UK LIMITED
- OXFORD SIGMA LIMITED

## **Contract value**

- £7,916,667 excluding VAT
- £9,500,000 including VAT

Framework lot values may be shared with other lots

Above the relevant threshold

## **Award decision date**

22 July 2025

## **Date assessment summaries were sent to tenderers**

23 July 2025

## **Standstill period**

- End: 3 September 2025

- 8 working days

### **Earliest date the contract will be signed**

4 September 2025

### **Contract dates (estimated)**

- 5 September 2025 to 4 September 2026
- 1 year

### **Main procurement category**

Services

### **CPV classifications**

- 35113210 - Nuclear safety equipment
- 38940000 - Nuclear evaluation instruments
- 42150000 - Nuclear reactors and parts
- 45251111 - Construction work for nuclear reactors
- 71320000 - Engineering design services
- 98113100 - Nuclear safety services

### **Contract locations**

- UK - United Kingdom

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## Information about tenders

### Lot LOT-0001. Design and Build Framework

- 5 tenders received
  - 5 tenders assessed in the final stage:
    - 3 submitted by small and medium-sized enterprises (SME)
    - 0 submitted by voluntary, community and social enterprises (VCSE)
  - 4 suppliers awarded contracts
  - 1 supplier unsuccessful (details included for contracts over £5 million)
- 

#### Unsuccessful suppliers

- [KINECTRICS UK LIMITED](#)
- 

### Lot LOT-0002. Design & Build Framework Lot 2: Component Design, Build & System Integration

- 13 tenders received
  - 13 tenders assessed in the final stage:
    - 8 submitted by small and medium-sized enterprises (SME)
    - 0 submitted by voluntary, community and social enterprises (VCSE)
  - 12 suppliers awarded contracts
  - 1 supplier unsuccessful (details included for contracts over £5 million)
- 

#### Unsuccessful suppliers

- [KINECTRICS UK LIMITED](#)
- 

### **Lot LOT-0003. Design & Build Framework Lot 3: Prototype & Rig Design and Build**

- 14 tenders received
  - 14 tenders assessed in the final stage:
    - 8 submitted by small and medium-sized enterprises (SME)
    - 0 submitted by voluntary, community and social enterprises (VCSE)
  - 12 suppliers awarded contracts
  - 2 suppliers unsuccessful (details included for contracts over £5 million)
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#### **Unsuccessful suppliers**

- [KINECTRICS UK LIMITED](#)
  - [Industrieanlagen-Betriebsgesellschaft mbH](#)
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### **Lot LOT-0004. Design & Build Framework Lot 4: Design and Build Digital & Control Systems**

- 7 tenders received
  - 7 tenders assessed in the final stage:
    - 4 submitted by small and medium-sized enterprises (SME)
    - 0 submitted by voluntary, community and social enterprises (VCSE)
  - 7 suppliers awarded contracts
  - 0 suppliers unsuccessful (details included for contracts over £5 million)
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## Procedure

### Procedure type

Open procedure

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## Suppliers

### 3-SCI LTD

- Companies House: 08640185
- Public Procurement Organisation Number: PVRC-8127-MGWL

Fareham Innovation Centre, Merlin House 4 Meteor Way

Lee-on-the-Solent

PO13 9FU

United Kingdom

Email: [mgmaylin@3-sci.com](mailto:mgmaylin@3-sci.com)

Website: <http://www.3-sci.com>

Region: UKJ35 - South Hampshire

Small or medium-sized enterprise (SME): Yes

Voluntary, community or social enterprise (VCSE): No

Supported employment provider: No

Public service mutual: No

Contract 2. D&B Framework Lot 2 Component Design, Build & System Integration

Contract 3. D&B Framework Lot 3: Prototype & Rig Design and Build

## **ALTRAD BABCOCK LIMITED**

- Companies House: 00839354
- Public Procurement Organisation Number: PBDJ-7746-PBLD

6-7 Lyncastle Way Barleycastle Lane

Warrington

WA4 4ST

United Kingdom

Email: [andrena.reddiex@altrad.com](mailto:andrena.reddiex@altrad.com)

Website: <http://www.altrad.com>

Region: UKD61 - Warrington

Small or medium-sized enterprise (SME): No

Voluntary, community or social enterprise (VCSE): No

Supported employment provider: No

Public service mutual: No

Contract 1. D&B Framework Lot 1

Contract 2. D&B Framework Lot 2 Component Design, Build & System Integration



Contract 3. D&B Framework Lot 3: Prototype & Rig Design and Build

## **AMENTUM CLEAN ENERGY LIMITED**

- Companies House: 01120437
- Public Procurement Organisation Number: PBDC-7744-BTPG

305 Bridgewater Place

Warrington

WA3 6XF

United Kingdom

Email: [ACESales@global.amentum.com](mailto:ACESales@global.amentum.com)

Website: <http://www.amentum.com>

Region: UKD61 - Warrington

Small or medium-sized enterprise (SME): Yes

Voluntary, community or social enterprise (VCSE): No

Supported employment provider: No

Public service mutual: No

Contract 1. D&B Framework Lot 1

Contract 2. D&B Framework Lot 2 Component Design, Build & System Integration

Contract 3. D&B Framework Lot 3: Prototype & Rig Design and Build

Contract 4. D&B Framework Lot 4: Design and Build Digital & Control Systems

## **AQUILA NUCLEAR ENGINEERING LIMITED**

- Public Procurement Organisation Number: PNLW-5748-ZRBV

Unit 17 Hazeley Enterprise Park

Twyford

SO21 1QA

United Kingdom

Email: [sales@cyclifeaquila.com](mailto:sales@cyclifeaquila.com)

Website: <http://www.cyclifeaquila.com>

Region: UKJ36 - Central Hampshire

Small or medium-sized enterprise (SME): Yes

Voluntary, community or social enterprise (VCSE): No

Supported employment provider: No

Public service mutual: No

Contract 3. D&B Framework Lot 3: Prototype & Rig Design and Build

## **ARTNEER LIMITED**

- Companies House: 11003450
- Public Procurement Organisation Number: PRPM-9775-ZRNY

Unit 2 Pencroft Way, Rutherford House

Manchester

M15 6SZ

United Kingdom

Email: [akharim@artneer.com](mailto:akharim@artneer.com)

Website: <http://www.artneer.com>

Region: UKD33 - Manchester

Small or medium-sized enterprise (SME): Yes

Voluntary, community or social enterprise (VCSE): No

Supported employment provider: No

Public service mutual: No

Contract 2. D&B Framework Lot 2 Component Design, Build & System Integration

Contract 4. D&B Framework Lot 4: Design and Build Digital & Control Systems

## **Atkins**

- Public Procurement Organisation Number: PLLV-1772-YDYN

Woodcote Grove, Ashley Road, Epsom

Epsom

KT18 5BW

United Kingdom

Email: [nicola.fearnley@atkinsglobal.com](mailto:nicola.fearnley@atkinsglobal.com)

Region: UKJ26 - East Surrey

Small or medium-sized enterprise (SME): Yes

Voluntary, community or social enterprise (VCSE): No

Supported employment provider: No

Public service mutual: No

Contract 1. D&B Framework Lot 1

## **ATKINSRÉALIS UK LIMITED**

- Companies House: 00688424
- Public Procurement Organisation Number: PLLV-1772-YDYN

Woodcote Grove, Ashley Road

Surrey

KT18 5BW

United Kingdom

Email: [ukwinwork@atkinsrealis.com](mailto:ukwinwork@atkinsrealis.com)

Website: <http://www.atkinsrealis.com>

Region: UKJ26 - East Surrey

Small or medium-sized enterprise (SME): No

Voluntary, community or social enterprise (VCSE): No

Supported employment provider: No

Public service mutual: No

Contract 2. D&B Framework Lot 2 Component Design, Build & System Integration

Contract 3. D&B Framework Lot 3: Prototype & Rig Design and Build

Contract 4. D&B Framework Lot 4: Design and Build Digital & Control Systems

**Cosylab d.d.**

- Public Procurement Organisation Number: PRYP-3426-NVZR

Gerbiceva ulica 64

Ljubljana

1000

Slovenia

Email: [fusion@cosylab.com](mailto:fusion@cosylab.com)

Website: <http://www.cosylab.com>

Small or medium-sized enterprise (SME): Yes

Voluntary, community or social enterprise (VCSE): No

Supported employment provider: No

Public service mutual: No

Contract 4. D&B Framework Lot 4: Design and Build Digital & Control Systems

**DEMCON high-tech systems Enschede B.V.**

- Public Procurement Organisation Number: PZRY-1562-BCHT

Institutenweg 25

Enschede

7521PH

Netherlands

Email: [ruben.verschoof@demcon.com](mailto:ruben.verschoof@demcon.com)

Website: <http://www.demcon.com>

Small or medium-sized enterprise (SME): No

Voluntary, community or social enterprise (VCSE): No

Supported employment provider: No

Public service mutual: No

Contract 2. D&B Framework Lot 2 Component Design, Build & System Integration

Contract 3. D&B Framework Lot 3: Prototype & Rig Design and Build

Contract 4. D&B Framework Lot 4: Design and Build Digital & Control Systems

## **EADON CONSULTING LIMITED**

- Companies House: 06759718
- Public Procurement Organisation Number: PNRM-7636-ZTLT

14 Conduit Road

Sheffield

S10 1EW

United Kingdom

Email: [procurementnotifications@eadonconsulting.co.uk](mailto:procurementnotifications@eadonconsulting.co.uk)

Website: <http://www.eadonconsulting.co.uk>

Region: UKE32 - Sheffield

Small or medium-sized enterprise (SME): Yes

Voluntary, community or social enterprise (VCSE): No

Supported employment provider: No

Public service mutual: No

Contract 2. D&B Framework Lot 2 Component Design, Build & System Integration

Contract 3. D&B Framework Lot 3: Prototype & Rig Design and Build

## **FRAZER-NASH CONSULTANCY LIMITED**

- Companies House: 02562870
- Public Procurement Organisation Number: PVXN-4166-QPYR

Hill Park Court

Leatherhead

KT22 7NL

United Kingdom

Email: [tenders@fnc.co.uk](mailto:tenders@fnc.co.uk)

Website: <http://www.fnc.co.uk>

Region: UKJ26 - East Surrey

Small or medium-sized enterprise (SME): No

Voluntary, community or social enterprise (VCSE): No

Supported employment provider: No

Public service mutual: No

Contract 2. D&B Framework Lot 2 Component Design, Build & System Integration

Contract 3. D&B Framework Lot 3: Prototype & Rig Design and Build

### **Industrieanlagen-Betriebsgesellschaft mbH**

- Public Procurement Organisation Number: PLXL-2391-CPND

Einsteinstrasse 20

Ottobrunn

85521

Germany

Website: <http://www.iabg.de/en>

Small or medium-sized enterprise (SME): No

Voluntary, community or social enterprise (VCSE): No

### **KINECTRICS UK LIMITED**



- Companies House: 05757219
- Public Procurement Organisation Number: PTNM-4528-NHGV

2 Edward Court

Altrincham

WA14 5GL

United Kingdom

Email: [marketingUK@kinectrics.com](mailto:marketingUK@kinectrics.com)

Website: <https://www.kinectrics.com/>

Region: UKD34 - Greater Manchester South West

Small or medium-sized enterprise (SME): No

Voluntary, community or social enterprise (VCSE): No

Supported employment provider: No

Public service mutual: No

Contract 4. D&B Framework Lot 4: Design and Build Digital & Control Systems

### **Kyoto Fusioneering UK Ltd.**

- Companies House: 13662632
- Public Procurement Organisation Number: PYXM-6491-QZCY

C/O Gravita Oxford Llp First Floor, Park Central

Oxford

OX1 1JD

United Kingdom

Email: [ukbusiness@kyotofusioneering.com](mailto:ukbusiness@kyotofusioneering.com)

Website: <https://kyotofusioneering.com/>

Region: UKJ14 - Oxfordshire

Small or medium-sized enterprise (SME): Yes

Voluntary, community or social enterprise (VCSE): No

Supported employment provider: No

Public service mutual: No

Contract 2. D&B Framework Lot 2 Component Design, Build & System Integration

Contract 3. D&B Framework Lot 3: Prototype & Rig Design and Build

## **M5TEC LIMITED**

- Companies House: 09005477
- Public Procurement Organisation Number: PDHD-9976-LBYP

Unit 7 Hurworth Road

Newton Aycliffe

DL5 6UD

United Kingdom

Email: [enquiries@m5tec.com](mailto:enquiries@m5tec.com)

Website: <https://m5tec.com/>

Region: UKC14 - Durham CC

Small or medium-sized enterprise (SME): Yes

Voluntary, community or social enterprise (VCSE): No

Supported employment provider: No

Public service mutual: No

Contract 2. D&B Framework Lot 2 Component Design, Build & System Integration

Contract 3. D&B Framework Lot 3: Prototype & Rig Design and Build

## **MCANDREW MARTIN LIMITED**

- Companies House: 06844071
- Public Procurement Organisation Number: PHTX-6496-RWBJ

Trafalgar House 11 Acorn Business Centre

Cosham

PO6 3TH

United Kingdom

Email: [bids@mcandrewmartin.com](mailto:bids@mcandrewmartin.com)

Website: <http://www.mcandrewmartin.com>

Region: UKJ31 - Portsmouth

Small or medium-sized enterprise (SME): Yes

Voluntary, community or social enterprise (VCSE): No

Supported employment provider: No

Public service mutual: No

Contract 1. D&B Framework Lot 1

## **OXFORD SIGMA LIMITED**

- Companies House: 11874768
- Public Procurement Organisation Number: PTXB-2792-JVCV

13 The Courtyard Timothy's Bridge Road

Stratford Upon Avon

CV37 9NP

United Kingdom

Email: [info@oxfordsigma.com](mailto:info@oxfordsigma.com)

Website: <http://www.oxfordsigma.com>

Region: UKG13 - Warwickshire

Small or medium-sized enterprise (SME): Yes

Voluntary, community or social enterprise (VCSE): No

Supported employment provider: No

Public service mutual: No

Contract 2. D&B Framework Lot 2 Component Design, Build & System Integration

Contract 3. D&B Framework Lot 3: Prototype & Rig Design and Build

Contract 4. D&B Framework Lot 4: Design and Build Digital & Control Systems

## **RED ENGINEERING LIMITED**

- Companies House: 06651202
- Public Procurement Organisation Number: PZGR-5498-JRPR

Tynedale House Hexham Business Park

Hexham

NE46 3RU

United Kingdom

Email: [info@redengineering.co.uk](mailto:info@redengineering.co.uk)

Website: <http://www.redengineering.co.uk>

Region: UKC21 - Northumberland

Small or medium-sized enterprise (SME): Yes

Voluntary, community or social enterprise (VCSE): No

Supported employment provider: No

Public service mutual: No

Contract 2. D&B Framework Lot 2 Component Design, Build & System Integration

Contract 3. D&B Framework Lot 3: Prototype & Rig Design and Build

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## Contracting authority

### UK Atomic Energy Authority

- Public Procurement Organisation Number: PLJV-1169-JTDD

Culham Science Centre, UK Atomic Energy Authority

Oxfordshire

OX14 3DB

United Kingdom

Email: [Tony.Morris@ukaea.uk](mailto:Tony.Morris@ukaea.uk)

Region: UKJ14 - Oxfordshire

Organisation type: Public authority - central government