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Tender

## **Power and Energy Management System Controller - Development Support Service**

UK Industrial Fusion Solutions Ltd

UK4: Tender notice - Procurement Act 2023 - [view information about notice types](#)

Notice identifier: 2025/S 000-059278

Procurement identifier (OCID): ocds-h6vhtk-05a11f ([view related notices](#))

Published 24 September 2025, 2:05pm

### **Scope**

### **Reference**

PP-UKIFS-149

### **Description**

The Spherical Tokamak for Energy Production (STEP) is an ambitious programme to accelerate the delivery of sustainable fusion energy. The STEP programme will design and build the world's first compact prototype fusion powerplant, based on the spherical tokamak design, by the 2040s. Currently, the concept design of all major systems and plant are in an ongoing refinement process

The purpose of this contract is to support the development of a concept control system for a Power and Energy Management System (PEMS), and to further develop the powerplant simulation models for its STEP Prototype Plant (SPP) Electrical Infrastructure system. Further Information is available in the ITT and accompanying documents.

To respond to this opportunity, please click here:

<https://ukifs.delta-esourcing.com/respond/F438KP67R3>

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### **Total value (estimated)**

- £90,000 excluding VAT
- £108,000 including VAT

Below the relevant threshold

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

- 1 December 2025 to 31 March 2026
- 4 months

### **Main procurement category**

Services

### **CPV classifications**

- 71320000 - Engineering design services
- 71323100 - Electrical power systems design services
- 71323200 - Plant engineering design services

### **Contract locations**

- UK - United Kingdom

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## **Participation**

### **Particular suitability**

Small and medium-sized enterprises (SME)

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## **Submission**

### **Enquiry deadline**

13 October 2025, 1:00pm

### **Tender submission deadline**

31 October 2025, 4:00pm

### **Submission address and any special instructions**

<https://ukifs.delta-esourcing.com/respond/F438KP67R3>

### **Tenders may be submitted electronically**

Yes

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## Award criteria

<b>Name</b>	<b>Type</b>	<b>Weighting</b>
Technical (including Social Value: 10)	Quality	80%
Total Contract Value	Price	20%

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## Procedure

### Procedure type

Below threshold - open competition

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## Contracting authority

### UK Industrial Fusion Solutions Ltd

- Public Procurement Organisation Number: PCRM-7973-DCBL

Culham Science Centre

Abingdon

OX14 3DB

United Kingdom

Contact name: Operational Procurement

Telephone: 07852001696

Email: [operationalprocurement.step@ukifs.uk](mailto:operationalprocurement.step@ukifs.uk)

Region: UKJ14 - Oxfordshire

Organisation type: Public undertaking (commercial organisation subject to public authority oversight)