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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): ocids-h6vhtk-05a11f

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

Participation

Particular suitability

Small and medium-sized enterprises (SME)

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

Award criteria

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

Procedure

Procedure type

Below threshold - open competition

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

Region: UKJ14 - Oxfordshire

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