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Tender

FW Services - Operational Technology Framework

SCOTTISH HYDRO ELECTRIC TRANSMISSION PLC

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

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Scope

Description

Scottish Hydro Electric Transmission Plc (SHET) trading as SSEN Transmission has identified a requirement to establish an OT specific Framework of suppliers to maintain a dedicated pool of suppliers to support the successful delivery of our T3 programme. Details of the programme can be found at Our RIIO-T3 Business Plan - SSEN Transmission

Commercial tool

Establishes an open framework

A series of frameworks with substantially the same terms. Awarded suppliers are carried over and new suppliers can bid.

Total value (estimated)

- £240,000,000 including VAT

Above the relevant threshold

Contract dates (estimated)

- 1 November 2025 to 1 November 2033
- 8 years, 1 day

Main procurement category

Services

CPV classifications

- 72000000 - IT services: consulting, software development, Internet and support

Contract locations

- UK - United Kingdom

Lot constraints

Description of how multiple lots may be awarded:

Awards will be made per lot. Total of 6 available lots.

Not the same for all lots

Options are shown in Lot sections, because they are not the same for all lots.

Lot 1. Substation OT Prof Services (security assurance in substations, firewalls, common platforms)

Description

- Design and build of security solutions to be deployed into substation environments, including the infrastructure and services for backup, monitoring, endpoint protection and firewalls.
- Design and build of physical security solutions for substation environments, including automated access control systems (AACS), CCTV, and other access control and monitoring solutions such as key safes and door contact sensors.
- Procure and supply the hardware for the security solutions. In most cases this will be free issued by SSEN-T.
- Provide ongoing 2nd line maintenance and support of the service / solution.
- Consultancy engagements focused on future development or addressing emerging challenges, specific to Lot 1.

Lot value (estimated)

- £240,000,000 including VAT

Framework lot values may be shared with other lots

Options

The right to additional purchases while the contract is valid.

Framework - Purchase via call off contracts

Same for all lots

CPV classifications, contract locations and contract dates are shown in the Scope section, because they are the same for all lots.

Lot 2. OT Security Services inc. Training & Awareness

Description

- Training and Awareness - Development of training content to educate users of operational technology about the risks from cyber security threats.
- Provide specialised OT Security Consultancy and related services including process development and assurance (IDAM, VM, Change Management), maturity assessment, collation and summary of threat intelligence, testing and configuring security tools (Firewalls, EDR, IDS, SIEM).
- Security architecture - risk assessing a new changed system IT/OT systems to ensure security principles are followed and residual risks are understood.
- Penetration testing - undertaking targeted investigations to highlight vulnerabilities within our existing systems and controls that could be exploited by a threat actor.
- OT Forensics - capability to undertake forensic investigations on low level devices used within the electricity sector. e.g. those running Realtime operating systems such as Vxworks.
- Consultancy engagements focused on future development or addressing emerging challenges, specific to Lot 2.

Lot value (estimated)

- £240,000,000 including VAT

Framework lot values may be shared with other lots

Options

The right to additional purchases while the contract is valid.

Framework - Purchases via call off / SoWs as required

Same for all lots

CPV classifications, contract locations and contract dates are shown in the Scope section, because they are the same for all lots.

Lot 3. OT Infrastructure and Network Services inc. Substations (hardware, networking)

Description

- Design and build of IT/OT infrastructure to be deployed into data centres and data rooms within offices. Including hardening of servers, software installation, network configuration, physical deployment (racking and wiring).
- Design and build supporting applications such as identity services, domain management, key management and backup servers.
- Provide infrastructure support, including patching, processing change requests, fault investigation and repair.
- Design, build or procurement of network infrastructure to include but not limited to Routers, Switches, Firewalls and typical Datacentre technologies
- Consultancy engagements focused on future development or addressing emerging challenges, specific to Lot 3.

Lot value (estimated)

- £240,000,000 including VAT

Framework lot values may be shared with other lots

Options

The right to additional purchases while the contract is valid.

Framework - Requirements to be made via call off / SoWs as required

Same for all lots

CPV classifications, contract locations and contract dates are shown in the Scope section, because they are the same for all lots.

Lot 4. OT Operations (BAU Support and Development)

Description

- Provide specialist application support and development for OT Applications including PowerOn, PI to respond to incidents, facilitate configuration changes and deliver updates.
- Provide technical assistance for wider OT estate, including Active Directory and firewalls - often required as part of fault diagnosis, technical remediation and/or project resourcing
- Provide assistance and expertise with build and support of physical and virtual OT Windows clients. Building, applying and testing new client images via SCCM for use in Production OT environment.
- DR testing - provide technical expertise with backup solutions such as NetBackup & Rubrik, to assist with comprehensive DR restoration tests for our OT servers and applications.
- Consultancy engagements focused on future development or addressing emerging challenges, specific to Lot 4.

Lot value (estimated)

- £240,000,000 including VAT

Framework lot values may be shared with other lots

Options

The right to additional purchases while the contract is valid.

Framework - Requirements to be made via call off / SoWs as required

Same for all lots

CPV classifications, contract locations and contract dates are shown in the Scope section, because they are the same for all lots.

Lot 5. Data Center Hosting

Description

- Provide data center hosting in a secure and resilient environment suitable for critical national infrastructure (CNI) (likely to be Tier 3 as a minimum) with proximity to the SSEN Transmission OT network in the north of Scotland and connectivity to public cloud services.
- Provide data center hosting to Security Check Level to meet Cabinet Office requirements.

Lot value (estimated)

- £240,000,000 including VAT

Framework lot values may be shared with other lots

Options

The right to additional purchases while the contract is valid.

Framework - Requirements to be made via call off / SoWs as required

Same for all lots

CPV classifications, contract locations and contract dates are shown in the Scope section, because they are the same for all lots.

Lot 6. Delivery Services

Description

- Professional and Consultancy services.
- Skillset with Operational Technology (OT) expertise. Roles to include, but not limited to;
 1. Business analysis
 2. Design development
 3. Testing
 4. Change management
 5. Architecture
 6. Project delivery and management
 7. Technical design

8. Service design

Lot value (estimated)

- £240,000,000 including VAT

Framework lot values may be shared with other lots

Options

The right to additional purchases while the contract is valid.

Framework - Requirements to be made via call off / SoWs as required

Same for all lots

CPV classifications, contract locations and contract dates are shown in the Scope section, because they are the same for all lots.

Framework

Open framework scheme end date (estimated)

1 November 2033

Maximum number of suppliers

Unlimited

Maximum percentage fee charged to suppliers

0%

Framework operation description

Refer to PQQ/ITT documentation

Award method when using the framework

Either with or without competition

Contracting authorities that may use the framework

SSE group companies

Submission**Enquiry deadline**

2 June 2025, 12:00pm

Submission type

Requests to participate

Deadline for requests to participate

9 June 2025, 12:00pm

Submission address and any special instructions

SSEN invite interested suppliers to view the Tender Documents on our Jaggaer e-procurement system under "Current Opportunities" here:

<https://sse.app.jaggaer.com/esop/guest/go/opportunity/detail?opportunityId=426>

Full details of the service required and how to respond to the Pre-Qualification Questionnaire can be found on that page.

Tenders may be submitted electronically

Yes

Languages that may be used for submission

English

Award decision date (estimated)

14 July 2025

Award criteria

Name	Type
As per PQQ / ITT Documentation	Quality

Weighting description

As per PQQ / ITT Documentation

Other information

Conflicts assessment prepared/revised

Yes

Procedure

Procedure type

Competitive flexible procedure

Special regime

Utilities

Competitive flexible procedure description

PQQ to be issued -2 step procedure under PA23 utilising Jaggaer / Find a tender. Open Framework to be utilised. Following PQQ evaluation, down selection will be made to move to ITT stage.

Contracting authority

SCOTTISH HYDRO ELECTRIC TRANSMISSION PLC

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United Kingdom

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Region: UKM77 - Perth & Kinross and Stirling

Organisation type: Private utility