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Tender

Electrical Infrastructure Upgrade Framework

Atomic Weapons Establishment

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

Notice identifier: 2026/S 000-001900

Procurement identifier (OCID): ocds-h6vhtk-0602ed

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Scope

Description

AWE Plc ("AWE") is embarking on a critical transformation of its infrastructure as part of the national endeavour to support the UK's nuclear deterrent and has been refining and formalising a new approach to infrastructure delivery, designed to drive greater consistency, pace, and long-term value.

This model is being largely implemented via 3 programmes:

- Future Materials Campus: A programme to renew existing facilities for the manufacture of nuclear components, storage of nuclear materials, provide improved science and analysis capabilities, and invest in new capabilities for nuclear material recovery.
- Future Infrastructure Programme: a programme that focuses on delivering wider infrastructure needs e.g. new office accommodation; laboratories; testing facilities, site services, and advanced manufacturing facilities.
- Estates and Liabilities management: on-going liabilities management to run programmes that safely decommission and demolish legacy facilities and manage generated waste via seeking suppliers with experience of the same.

This framework focuses on upgrading the electrical network under FIP, with the possibility

of some works supporting the Future Materials Campus.

Strategic aspirations are to upgrade and modernise AWE's electrical network infrastructure, improve network resilience and obsolescence management, to benefit from modern standards and requirements, while reducing the cost base of new infrastructure. The Electrical Infrastructure Upgrade Programme will grow significantly over the coming years, and AWE looks to appoint 2 partners through this procurement, with the capacity and capability to meet the programme's increasing demand.

The Framework is a zero-value contract against which AWE may call off work for the Electrical Infrastructure Upgrade programme. The Framework will provide no guarantee of any work to any Supplier, it is a contract mechanism against which AWE may (but is not obliged) to call off work from the relevant Supplier for the Electrical Infrastructure Upgrade Framework. Full Framework Information "ITP Volume 2 Framework Specification" will be available to Suppliers that have registered and been granted access, as below.

AWE will award a place on the Framework to the 2 highest scoring suppliers, that offer the most advantageous tenders that is, the tenders that balance price with quality, technical capability, and sustainability. There will be a transparent mechanism to award work under the Framework as set out in the procurement documents

Bidders should download, complete and sign the Electrical Infrastructure Non-Disclosure Agreement and Tender Security Questionnaire available from the Defence Sourcing Portal [here](https://contracts.mod.uk/esop/guest/go/opportunity/detail?opportunityId=60647)

<https://contracts.mod.uk/esop/guest/go/opportunity/detail?opportunityId=60647> and return these by email to: electricalinfrastructure@awe.co.uk. The deadline for submission of these documents is 12:00 on 23rd January 2026 in order to gain access to the Invitation to Participate and associated procurement documents.

Once AWE has reviewed and signed the documents where appropriate, Bidders will be invited to the Invitation to Participate stage of the procurement where they will have access to the detailed documentation.

A list of the documentation to be provided at the different stages of this procurement will be found in Appendix A of 'EIU - ITP - About the Procurement' and further details of the assessment approach that will apply under this procurement, will be found in "EIU - ITP Vol1. Instruction for Suppliers."

Commercial tool

Establishes a framework

Total value (estimated)

- £650,000,000 excluding VAT
- £780,000,000 including VAT

Above the relevant threshold

Contract dates (estimated)

- 11 January 2027 to 9 January 2034
- Possible extension to 8 January 2042
- 14 years, 11 months, 29 days

Description of possible extension:

The framework may be extended for a further 8 years (2 terms of 4 years each) giving the framework a maximum term of 15 years

Main procurement category

Works

CPV classifications

- 31200000 - Electricity distribution and control apparatus
- 31670000 - Electrical parts of machinery or apparatus
- 31682000 - Electricity supplies
- 45100000 - Site preparation work

- 45210000 - Building construction work
- 45223820 - Prefabricated units and components
- 45232220 - Substation construction work
- 45232221 - Transformer substation
- 45311000 - Electrical wiring and fitting work
- 45317200 - Electrical installation work of transformers
- 45317300 - Electrical installation work of electrical distribution apparatus
- 45351000 - Mechanical engineering installation works
- 45400000 - Building completion work

Contract locations

- UKJ1 - Berkshire, Buckinghamshire and Oxfordshire

Justification for not using lots

The use of lots was considered but discounted following market engagement. Feedback indicated that using lots would complicate the interface between multiple suppliers, introducing avoidable risk and impacting delivery. A turnkey model without lots was subsequently identified as the preferred delivery approach.

Framework

Maximum number of suppliers

2

Maximum percentage fee charged to suppliers

0%

Justification for framework term over 8 years

AWE has a long term programme for electrical upgrades, refurbishment and replacements of substations, high voltage and low voltage cables. The selected Framework term of 15 years, that is 7 years plus a further 8 years (2 terms of 4 years each), aligns with guidance provided in the Construction Playbook on longer-term contracting and portfolios, noting that these arrangements enable standardisation and give Suppliers the certainty needed to invest in productivity and innovation. Adopting a 15 year framework aligns with these principles and will help maintain continuity and support stable supply chain mobilisation. Replacing suppliers mid-programme due to a shorter framework terms would disrupt delivery, cause remobilisation delays, increase risk and undermine the efficiencies and consistency the Playbook seeks to achieve

Framework operation description

There will be a transparent mechanism to award work under the Framework as set out in the procurement documents. Please refer to 'EIU - ITP - About the Procurement' document.

Award method when using the framework

Either with or without competition

Contracting authorities that may use the framework

Establishing party only

Participation

Legal and financial capacity conditions of participation

Suppliers must demonstrate that they have the legal standing to perform the contract and meet minimum financial thresholds. These thresholds are stated in the procurement documents.

Technical ability conditions of participation

Suppliers must demonstrate relevant technical ability and experience in delivering similar projects in high-security and/or regulated environments. These conditions of participation are stated in the procurement documents.

This procurement involves a Defence and Security contract and classified information. AWE will undertake a security assessment against the information provided in the supplier registration before release of any associated procurement documents. Meeting the required national security clearance is a condition of participation. Suppliers will not be invited to participate further if, as a result of this assessment (or on other grounds), they do not meet the necessary security requirements. The procurement will operate within the relevant legislation to protect essential national security interests. If a Supplier has connections with any hostile entity or foreign state deemed to pose a risk to UK national security, or is otherwise considered not to possess the necessary reliability on national security grounds, AWE reserves the right to exclude them from the procurement.

Full details of all other conditions of participation, the evidence required, and the assessment methodology are provided in the procurement documents.

Submission

Enquiry deadline

19 February 2026, 12:00pm

Submission type

Requests to participate

Deadline for requests to participate

5 March 2026, 12:00pm

Submission address and any special instructions

Responses must be submitted by the stipulated deadline via the Defence Sourcing Portal (<https://contracts.mod.uk>). Please note that the tender will be by invitation only following completion of the non-disclosure and tender security questionnaires. Access to the Opportunity Listing is open to any supplier.

Any responses not submitted in this manner will not be considered.

The deadline for submitting a non-disclosure agreement and tender security questionnaire is 23 January 2026 at 12:00, Invitation to Participate documents will be released 26 January 2026, the deadline for submitting an invitation is 5 March 2026 at 12:00.

Tenders may be submitted electronically

Yes

Languages that may be used for submission

English

Suppliers to be invited to tender

Maximum 5 suppliers

Selection criteria:

The Invitation To Participate will be assessed against the award criteria and weightings as follows:

- Capability 60%;
- Construction (Design and Management) Regulations and Principal Contractor capability 10%;
- Construction (Design and Management) Regulations and Principal Designer capability 10%;
- Health & Safety 5%;
- Quality 5%;
- Environment Management, Performance and Sustainability 10%.

This is in addition to pass/fail questions in terms of Cyber Security, Foreign Control and Ownership Information, Export Control, Construction (Design and Management) Regulations and Environmental Management, Performance, and Sustainability.

Award decision date (estimated)

2 November 2026

Award criteria

Name	Type
Commercial	Price
Quality	Quality

Weighting description

The award criteria to decide who will be awarded the contract after tenders have been submitted will be defined later, please refer to the Competitive Flexible Procedure description for further information in relation to this.

The Invitation To Participate stage will be assessed against the criteria and weightings as follows:

- Capability 60%;
- Construction (Design and Management) Regulations and Principal Contractor capability 10%;
- Construction (Design and Management) Regulations and Principal Designer capability 10%;
- Health & Safety 5%;
- Quality 5%;
- Environment Management, Performance and Sustainability 10%.
- This is in addition to pass/fail questions in terms of Cyber Security, Foreign Control and Ownership Information, Export Control, CDM and Environmental Management, Performance, and Sustainability.

Initial Tender submissions will be assessed against the award criteria using the weighted value for money index methodology. The overall weightings will be confirmed in the Invitation to Submit Initial Tender documents and will be distributed between the following ranges: 50-70% Quality (Technical and Social Value, with Social Value being weighted as at least 10%), 30-40% Commercial.

AWE reserves the right to refine award criteria at a later stage of the procurement process.

Further details can be found in 'EIU - ITP - About the Procurement' document, disclosed following completion and acceptance of the Non-Disclosure Agreement and Tender Security Questionnaire.

Other information

Payment terms

All suppliers must comply with PPN018.

Applicable trade agreements

- Government Procurement Agreement (GPA)

Conflicts assessment prepared/revised

Yes

Procedure

Procedure type

Competitive flexible procedure

Special regime

Defence and security

Competitive flexible procedure description

This Procurement will have 6 stages:

1. Invitation to Participate via Non-disclosure Agreement and Tender Security Questionnaire

2. Invitation to Submit Initial Tenders from a bid list of up to 5 Suppliers
3. Supplementary Presentation Stage from up to 3 down-selected Suppliers
4. Supplementary Invitation to Submit Final Tender from up to 3 down-selected Suppliers
5. Preferred Supplier Stage with 2 down-selected Suppliers
6. Contract Award Decision

Please note:

i)The process may include negotiation in the Supplementary Stages.

ii) Award criteria and weightings for Invitation to Participate:

- Capability 60%;
- Construction (Design and Management) Regulations and Principal Contractor capability 10%;

Construction (Design and Management) Regulations and Principal Designer capability 10%;

- Health & Safety 5%;
- Quality 5%;
- Environment Management, Performance and Sustainability 10%.

This is in addition to pass/fail questions for Cyber Security, Foreign Ownership and Control Information, Export Control, CDM Regulations, and Environmental Management, Performance, and Sustainability.

iii) Award criteria and weightings for Invitation to Submit an Initial Tender:

- Tenders will be assessed using the weighted value for money index methodology.
- Overall weightings will be confirmed in the Invitation to Submit an Initial Tender documents and will be distributed between as follows: 50-70% Quality (including Technical and Social Value, with at least 10% attributed to Social Value), 30-40% Commercial.
- AWE reserves the right to refine award criteria at a later stage of the procurement

process.

Justification for not publishing a preliminary market engagement notice

A UK2 preliminary market engagement notice has not been issued as preliminary market engagement notice was carried out under the prior regime (PCR 2015) under prior information notice reference 2024/S 000-030137.

Documents

Associated tender documents

<https://contracts.mod.uk/esop/guest/go/opportunity/detail?opportunityId=60647>

Documents to be provided after the tender notice

1. Please download, complete and sign the following documents available from the Defence Sourcing Portal here

<https://contracts.mod.uk/esop/guest/go/opportunity/detail?opportunityId=60647>

-Electrical Infrastructure Non Disclosure Agreement

-Tender Security Questionnaire

2. Send completed documents to electricalinfrastructure@awe.co.uk.

3. AWE will review and sign the documents where appropriate, returning copies via email

4. AWE reserves the right to send further messages to bidders seeking clarity on the content of their submission. Please ensure you monitor inboxes and the portal for further updates.

5. Bidders that have completed and received counter-signed versions of the non-disclosure agreement and tender security questionnaire will be invited to the next stage.

6. The closing for submitting the non-disclosure agreement and tender security questionnaire is 23 January 2026 12:00 midday

7. The expected release date of the Invitation to Participate is 26 January 2026.

Details of documentation to be provided at the different stages of this procurement can be found in Appendix A of 'EIU - ITP - About the Procurement'

Contracting authority

Atomic Weapons Establishment

- Public Procurement Organisation Number: PYCH-2579-LGTN

AWE Aldermaston

Reading

RG7 4PR

United Kingdom

Contact name: FIP, Estates and Liabilities procurement team

Email: electricalinfrastructure@awe.co.uk

Website: <https://www.awe.co.uk>

Region: UKJ11 - Berkshire

Organisation type: Public authority - central government

