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Tender

## **National Grid Substation Construction**

NATIONAL GRID UK LIMITED

UK13: Dynamic market intention notice - Procurement Act 2023 - [view information about notice types](#)

Notice identifier: 2026/S 000-015074

Procurement identifier (OCID): ocids-h6vhtk-0657bc

Published 19 February 2026, 9:55am

### **Scope**

### **Description**

This QUDM is for substation construction, mechanical and electrical installation and major civil works.

To effectively and efficiently deliver the capital works required to meet our Electricity License obligations, manage the risk on our electricity transmission network and to connect new customers,

### **Dynamic market dates (estimated)**

Start: 19 February 2026 (open-ended)

### **Main procurement category**

Works

## **Contract locations**

- UKC - North East (England)
- UKD - North West (England)
- UKE - Yorkshire and the Humber
- UKF - East Midlands (England)
- UKG - West Midlands (England)
- UKH - East of England
- UKI - London
- UKJ - South East (England)
- UKK - South West (England)
- UKL - Wales

## **Not the same for all parts**

CPV classifications are shown in Part sections, because they are not the same for all parts.

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## **Part 1. EPC Substation Construction**

### **Description**

Scope for Lot 1: EPC Substation Construction

Suppliers in lot 1 shall compete for stand-alone contracts and/or frameworks and shall be responsible for delivering capabilities from the following illustrative list, specific to working within a live high-voltage (up to 400kV) transmission network substation environment:

- Detailed electrical and civil design
- Construction Design Management (CDM)
- Programme management
- Project management
- Site management, including acting as Principal Contractor under the CDM Regulations
- Procurement and supply chain management
- Subcontractor management
- Civil engineering
- Protection and control systems installation, configuration and commissioning
- Mechanical and electrical installation, testing and commissioning

An illustrative list of work types included within this lot is as follows (this list is subject to change due to changing or emerging requirements throughout the QUDM period)

- New Build AIS/GIS
- AIS/GIS Substation Extension
- Major AIS/GIS Substation Asset Replacement Operators that are successful in securing a position on lot 1 of the QUDM may be required to procure products that are to be selected from a list of suppliers that has been pre-approved by National Grid, to accept free-issue equipment and services supplied from contracts that National Grid has placed, or to accept the novation of such a contract after it has been placed by National Grid, for example:
  - Power transformers
  - Protection and Control
  - Gas Insulated Switchgear (GIS)

- Air Insulated Switchgear (AIS)
- Consumables This lot is designed for larger, more complex works requiring a traditional full EPC turnkey approach to delivery of the scope, with typical project estimates being >£20million.

## **CPV classifications**

- 45232220 - Substation construction work

## **Same for all parts**

Contract locations and contract dates are shown in the Scope section, because they are the same for all parts.

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## **Part 2. Mechanical & Electrical Installations**

### **Description**

Scope for Lot 2: Mechanical & Electrical Installation

Suppliers in lot 2 shall compete for stand-alone contracts and shall be responsible for delivering capabilities from the following illustrative list, specific to working within a live high-voltage (132kV~400kV) transmission network substation environment:

- Detailed engineering and civil design, including primary and protection and control design
- Construction Design Management (CDM)
- Programme management
- Project management
- Site management, including acting as Principal Contractor under the CDM Regulations and temporary works management

- Procurement and supply chain management
- Subcontractor management
- Civil engineering
- Protection and control systems installation, configuration and commissioning

An illustrative list of work types included within this lot is as follows (this list is subject to change due to changing or emerging requirements throughout the QUDM period)

- Substation Upgrades / Smaller Extensions
- AIS/GIS Substation Extensions
- AIS/GIS Substation Asset Replacement

Operators that are successful in securing a position on lot 2 of the QUDM may be required to procure products that are to be selected from a list of suppliers that has been pre-approved by National Grid , to accept free-issue equipment and services supplied from contracts that National Grid has placed, or to accept the novation of such a contract after it has been placed by National Grid, for example:

- Power transformers
- Protection and Control
- Gas Insulated Switchgear (GIS)
- Air Insulated Switchgear (AIS)
- Consumables

This Lot is designed for relatively smaller and less complex works than Lot 1 whereby a competent installer or medium sized construction supplier would have the ability to deliver the scope of work, and typical project estimates would be less than

### **CPV classifications**

- 45232220 - Substation construction work

- 45317200 - Electrical installation work of transformers
- 45317300 - Electrical installation work of electrical distribution apparatus

### **Same for all parts**

Contract locations and contract dates are shown in the Scope section, because they are the same for all parts.

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## **Part 3. Major Civils (>£5m)**

### **Description**

Scope for Lot 3: Major Civil

Suppliers in lot 3 shall compete for stand-alone contracts and/or frameworks and shall be responsible for delivering capabilities from the following illustrative list for Substation major civil works with typical project estimated greater than >£5million. Scope shall include but is not limited to, the following illustrative types of works:

- Project & Programme Management:
  - Ensure sufficient and competent resources are deployed on the project to deliver the project in accordance with all National Grid standards and specifications.
  - Liaison with and management of the interface with any affected landowner, statutory body or undertaker during the delivery of the works (e.g., Local Highways Authority, Network Rail, Environment Agency, Distribution Network Operators).
- Consultation & Engagement:
  - Support the Client in the development of consultation materials as required
  - Attend and present at consultation events and support the preparation of consultation responses
  - Support the Client at any technical stakeholder meetings
  - Input into Consultation Report, liaise with Consents Integrator and engage with

consultees as required

- Coordinate with Lands Team for survey access
- Assist with S172 evidence compilation and other requirements.
- Surveys:
  - Planning, management, delivery and reporting of all surveys required to support the project at all stages of its lifecycle, including:
    - Site walkover surveys to verify desktop work
    - Borehole surveys
    - Perform soil surveys
    - Intrusive surveys (e.g., foundation inspections).
    - Existing asset surveys.
    - Earthing surveys.
    - Utility surveys
    - Traffic surveys including vehicle volume and speed surveys.
  - Design:
    - Development of outline design, associated drawings and technical reporting required for inclusion within the planning and/or consent application and the construction works information
    - Production of design, which is in accordance with the Client's requirements, eliminates hazards as far as reasonably practicable for the whole life of the assets, facilitates a safe and efficient construction phase and gives due regard to Client's environmental and sustainability requirements.
  - Support the Client at any technical stakeholder meetings
- Enact the role of Principal Designer in accordance with the CDM regulations 2015 for the development and/or delivery phase and formerly appoint the Principal Designer Representative as required

- Review the System Design Specification for completeness and identify any gaps
- Review any design works prior to engagement to understand any limitations and restrictions to be carried forward into the subsequent design stage,
- Discharge relevant conditions associated with any approved planning permission and/or consent to ensure these are factored into the detailed design
- Proactively engage and share design information with other design disciplines involved in the project(s) to ensure that all requirements are considered such that a robust, holistic design can be achieved.
- Effectively manage design change ensuring that appropriate communication channels are maintained and document/drawing version control well established.
- Responsible with others at the point of known design interfaces (i.e., HV Substation, HV OHL, HV Cables, etc.) and/or with other parties (i.e., Bulk Purchase Equipment (static wound equipment), Generators, DNO, etc.) to ensure that their project design is the most cost-effective solution which does not compromise any other party's programme and objectives in compliance with the duties and responsibilities identified by current CDM Regulations.
- Design management and coordination to reduce interface risk.
- Building Permanent Structures: The design and construction of new permanent buildings including but not limited to:
  - Switch Halls for Gas Insulated Switchgear and other equipment contained therein.
  - Ancillary Plant Room Buildings.
  - Office & Amenities Blocks.
  - Storage and Workshop Units
- Building Services: Building services required for any new build or refurbishment work (e.g., heating / cooling, ventilation, plumbing and sanitation).
- Cable Jointing:
  - Provision of jointing resources for cable system installation using client-issued materials.
  - Jointing resources and equipment for non-client-issued jointing tasks.

- Temporary works design for jointing techniques.
- Cable Pulling: Delivery of all required cable pulling installations including supply (as required) access, cable trenches, duct installation, jointing, testing, backfilling and cable installation elements.
- Cable Removal: Removal of existing buried HV cable equipment and any associated above ground equipment such as terminations, oil tanks or kiosks including their foundations
- Enabling Works: Pre-construction activities required before commencing the construction of main works including highway and service diversions, ground preparation and remediation, flood mitigation works, demolition of structures, soil stripping and removal, bridge construction, obtaining (including submission and payments of fees) of relevant permits and licences and environmental mitigation works.
- Foundations & Structures: Design and supply of civil works for overhead line, underground cables, substation or other required works and structures including ground preparation; excavation and disposal of or stock piling for re-use of arisings; creating safe working platforms for piling rigs; installation of any piling and construction of pile caps; supply and installation of all form work, reinforcement, and concrete.
- Flood Defence Design & Build: The design and build of flood defences to reduce the risk of flooding to new and existing infrastructure including hydraulic modelling, flood risk assessment, detailed design, drainage, flood defence walls, floodgates, pumping stations.
- Haul Roads and Access Roads:
  - Design and build of permanent drainage, roadworks and surfacing to satisfy highway specifications.
  - Traffic management.
  - Temporary construction haul roads and drainage.
- Landscaping:
  - Delivery of all landscaping requirements including stockpiling and management of construction spoil/arisings; Supply and spreading of appropriate materials where insufficient area is generated from the construction activities; bulk muck shift and creation of screen mounding; tree planting and maintenance and Pond or other habitat creation.
  - Maintenance for agreed period of time within the planning permission and/or consent specification or as agreed with the relevant stakeholder and/or in line with Biodiversity Net

Gain obligations.

- Site Establishment: Establishment of construction welfare compounds for the delivery of the whole or parts of the project including supply and installation of site welfare facilities, fencing and site security, temporary connections for water, drainage, and electricity, and removal of site establishment upon project completion with reinstatement of disturbed ground.
- Site Management
- Enact the role of Principal Contractor in line with the requirements of the CDM regulations.
- Deliver the works in accordance with all National Grid Management of Works procedures.
- Proactively manage, in line with industry best practise, all aspects of the works in terms of safety, quality, security and environmental compliance.
- Liaise with all affected Landowners/Grantors affected by the works.
- Liaise with Client site staff including operational and project delivery teams.
- Ensure that all site records are maintained, and that site document control is properly managed.
- Site Security:
  - Provision of all requirements to maintain a safe and secure site in line with National Grid policies and procedures.
  - Construction and installation of permanent security fencing and associated works
  - Temporary Works: Design, management and provision of all temporary works required for the delivery of the scope

## **CPV classifications**

- 45232220 - Substation construction work

## **Same for all parts**

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## **Using the dynamic market**

### **Contracting authorities that may use the dynamic market**

#### Utilities

Available for use by any member of the National Grid group (parent company National Grid plc) and references to National Grid shall be interpreted accordingly as covering the whole group (except where the context requires otherwise).

Specifically this will include:

National Grid Electricity Transmission

National Grid Electricity Distribution

National Grid Ventures

other entities within the National Grid UK corporate structure as may require access

### **Tender notice provision when using this dynamic market**

Only to members of the market

### **Information about fees charged to suppliers**

None

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## Submission

### Submission address and any special instructions

<https://forms.office.com/Pages/ResponsePage.aspx?id=U2qK-fMIEkKQHMD4f800IR6N7XkEjipHol2q4gB3asNUOFpWWFY4RUtRTTROMzQ5Nk1QVjhSQVBGTy4u>

Link for registration form for National Grid eSourcing system

Please complete the form and select correct Dynamic Market to receive further registration details.

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## Other information

### Conflicts assessment prepared/revised

Yes

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## Procedure

### Special regime

Utilities

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## Documents

<https://forms.office.com/Pages/ResponsePage.aspx?id=U2qK-fMIEkKQHMD4f800IR6N7XkEjipHol2q4gB3asNUOFpWWFY4RUtRTTROMzQ5Nk1QVjhSQVBGTy4u>

Registration form for National Grid eSourcing platform

Please complete details to begin registration process

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## Contracting authority

### **NATIONAL GRID UK LIMITED**

- Companies House: 04508773
- Public Procurement Organisation Number: PGTR-4481-CJPQ

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Organisation type: Private utility