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Tender

Design, Supply, Installation, Commissioning, and Maintenance of Shore-to-Ship Power Infrastructure at London Gateway and DP World Southampton

LONDON GATEWAY PORT LIMITED

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

Notice identifier: 2025/S 000-033775

Procurement identifier (OCID): ocds-h6vhtk-05502b

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Scope

Description

Shore-to-Ship Power (SSP)-also known as Cold Ironing or Alternative Maritime Power (AMP)-is a system that allows ships docked at port to plug into the local electrical grid and turn off their diesel engines. This helps reduce air pollution, greenhouse gas emissions, and noise in port areas.

London Gateway Port -

A deep-sea container port located on the River Thames, opened in 2013. Operated by DP World, it features semi-automated terminals and advanced logistics. Hosts the UK's most integrated logistics hub with direct rail and road links.

Includes a rapidly expanding logistics park for warehousing and distribution.

Recently launched the world's first all-electric berth, emphasizing sustainability.

DP World Southampton -

One of the UK's busiest container terminals, located on the south coast. Offers fast, reliable, and secure cargo handling with advanced infrastructure. Known for the fastest landside turnaround time-averaging 35 minutes.

Provides consistent vessel performance and resilient operations in high winds. Integrated with national rail networks, ensuring 99.5% on-time rail freight delivery.

Electrical Works (Design, Supply and Construct)

- Cable Management - Organized routing, securing, and protection of all electrical cables across the site.
- Electrical Control & Protection Systems - Installation of control panels, protection relays, and associated systems for safe and efficient operation.
- ASC/Reefer Substations - Setup of substations at 2 berths in London Gateway and 1 berth in Southampton, including switchgear and transformers.
- 11kV Power Installations for ASC Cranes - Electrical supply from 33kV step-down transformers to ASC cranes.
- 11kV Power Installations for Reefer Units - Electrical supply from 33kV step-down transformers to reefer container systems.
- SCADA Systems - Deployment of SCADA for centralized control and real-time monitoring of electrical infrastructure.
- LV Distribution & Lighting - Installation of low-voltage electrical networks including lighting systems across the yard.
- Control & Protection Systems - Redundant mention reaffirming the critical role of control and protection in all electrical installations.
- Waste Disposal - Safe and compliant disposal of electrical and construction waste materials.
- Periodic Maintenance - Scheduled maintenance of all installed systems to ensure long-term reliability and performance.

Total value (estimated)

- £10,000,000 excluding VAT
- £12,000,000 including VAT

Above the relevant threshold

Contract dates (estimated)

- 1 October 2025 to 1 October 2027
- 2 years, 1 day

Main procurement category

Works

CPV classifications

- 31154000 - Uninterruptible power supplies
- 45310000 - Electrical installation work

Contract locations

- UKH32 - Thurrock
- UKJ32 - Southampton

Participation

Legal and financial capacity conditions of participation

As per PQQ documents to be shared on Oracle

Technical ability conditions of participation

As per PQQ documents to be shared on Oracle

Submission

Enquiry deadline

14 July 2025, 11:59pm

Submission type

Requests to participate

Deadline for requests to participate

14 July 2025, 11:59pm

Submission address and any special instructions

Prequalification on Oracle SCM platform and then shortlisting of successful contractors for the tender stage

<https://ehpv.fa.em2.oraclecloud.com/fscmUI/redwood/supplier-registration/register-supplier/register-supplier-verification>

Tenders may be submitted electronically

Yes

Languages that may be used for submission

English

Suppliers to be invited to tender

3 to 5 suppliers

Selection criteria:

Prequalification on Oracle SCM platform and then shortlisting of successful contractors for the tender stage

Award decision date (estimated)

15 September 2025

Award criteria

| Name | Type | Weighting |
|-------------|-------------|------------------|
| Commercial | Cost | 60% |
| Technical | Quality | 40% |

Other information

Payment terms

As per agreed milestones

Conflicts assessment prepared/revised

Yes

Procedure

Procedure type

Competitive flexible procedure

Special regime

Utilities

Competitive flexible procedure description

The contract is awarded jointly by London Gateway Port and DP World Southampton

The procedure will involve a prequalification stage and the shortlisted tenderers will then proceed to the tender stage

Contracting authority

LONDON GATEWAY PORT LIMITED

- Companies House: 04341592
- Public Procurement Organisation Number: PXWY-9334-MHJV

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London

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United Kingdom

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Region: UKI32 - Westminster

Organisation type: Private utility