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Planning

LirIC EPCI HVDC Interconnector Converter Stations

TI LirIC Limited

UK3: Planned procurement notice - Procurement Act 2023 - [view information about notice types](#)

Notice identifier: 2025/S 000-007974

Procurement identifier (OCID): ocds-h6vhtk-04e9a2 ([view related notices](#))

Published 5 March 2025, 10:05am

Scope

Description

This planned procurement notice is to give advance information to the market with regards to the upcoming procurement of Converter Station Equipment and Construction (EPCI) for the LirIC HVDC Interconnector between Scotland and Northern Ireland (NI). It is envisaged that this notice will assist potentially interested OEM's and construction contractors to determine if the planned procurement exercise is something that they wish to bid for and to provide sufficient time for preparation.

Short Description - Project

TI LirIC Limited is engaged in the development of an up to 700MW High Voltage Direct Current (HVDC) electricity interconnector project that will connect the Great Britain (GB) and Irish (I-SEM) transmission networks. This project is called the "LirIC" Project (<https://tinv.com/intercon-projects/liric/>).

The project will link grid connection points in the GB and Northern Irish transmission grids.

The LirIC interconnector shall utilise Voltage Source Converter (VSC) technology and the

configuration shall be a Symmetrical Monopole. The rated DC voltage shall be +/-320 kV.

The link shall be bi-directional and shall have a rated power (receiving end) of 700 MW

The main components of the LirlC Project will comprise:

- LOT A:

- HVDC to HVAC VSC Converter Stations in both Scotland and Northern Ireland with associated civil and building works; and

- LOT B:

- Up to 2 High Voltage Direct Current (HVDC) electricity cables buried in or placed (and protected) upon the seabed between Northern Ireland (Kilroot) and Scotland (Hunterston) to a route length of approx. 140km.

- HVDC onshore and offshore cable 'transition bays' near the shorelines at the landfall points in both Scotland and Northern Ireland; It is expected that at both landfalls horizontal directional drilling (HDD) will be required to facilitate the export cables transition from onshore to offshore.

- HVDC onshore cables from the transition bays to each of the converter stations assumed to be no more than 2km at each site;

- High Voltage AC onshore cables from the Scottish converter station to the Scottish grid connection. The AC connection voltage on the GB side of the link is 400 kV and 275 kV at the NI side. (The High Voltage AC onshore cables from the NI converter station to the NI grid connection will be delivered by others.)

The Project has recently been awarded an 'in principle' cap and floor arrangement in Great Britain by Ofgem and a transmission licence in Northern Ireland. The Project is targeting a Financial Close in Q3 2027.

TI LirlC Limited has already conducted Preliminary Market Engagement prior to publication of this notice but encourages further collaboration between OEM's and Construction Contractors to establish bidding arrangements in time for the Tender Notice.

TI LirlC Limited will be utilising an electronic tendering portal (Delta) to manage the forthcoming tender exercise and as such interested organisations will need to register on the portal to access the participation documentation.

Respondents wishing to participate are requested to register in Delta eSourcing (via the link <https://www.delta-esourcing.com/>) in advance of the forthcoming UK4 Tender Notice which

will have a formal step for participation.

To view this notice, please click here:

<https://www.delta-esourcing.com/delta/viewNotice.html?noticeId=930951128>

Total value (estimated)

- £453,000,000 excluding VAT
- £544,000,000 including VAT

Above the relevant threshold

Main procurement category

Works

Contract locations

- UKM93 - East Ayrshire and North Ayrshire mainland
- UKN06 - Belfast

Not the same for all lots

CPV classifications and contract dates are shown in Lot sections, because they are not the same for all lots.

Lot LOT A1. LOT A1: LirIC Converter Stations (excluding Civil & Building Works)

Description

Two HVDC Converter Stations (at Hunterston and at Kilroot) to the specification highlighted in the scope. Includes Design, Supply, Installation, Testing & Commissioning of the VSC Converter Stations.

It is envisaged that the contract will be made in stages with consideration of capacity reservation, FEED studies, LNTP's and the main EPCI Contract upon FID.

Lot value (estimated)

- £353,000,000 excluding VAT
- £424,000,000 including VAT

Contract dates (estimated)

- 15 December 2025 to 16 June 2032
- 6 years, 6 months, 2 days

CPV classifications

- 31121110 - Power converters
- 31200000 - Electricity distribution and control apparatus
- 45231400 - Construction work for electricity power lines
- 45315400 - High voltage installation work
- 45317200 - Electrical installation work of transformers
- 50711000 - Repair and maintenance services of electrical building installations

Same for all lots

Contract locations are shown in the Scope section, because they are the same for all lots.

Lot LOT A2. LOT A2: LirIC Converter Station Civil and Building Works

Description

The Civils Design, Enabling, Civils and Building Works associated with the converter stations at Hunterston and at Kilroot.

Lot value (estimated)

- £100,000,000 excluding VAT
- £120,000,000 including VAT

Contract dates (estimated)

- 15 December 2025 to 15 December 2032
- 7 years, 1 day

CPV classifications

- 45000000 - Construction work

Same for all lots

Contract locations are shown in the Scope section, because they are the same for all lots.

Lot LOT A. LOT A: LirIC Converter Stations including Civil and Building Works

Description

This is a combined solution of LOT A1 (Converter Stations) plus LOT A2 (Civil and Building Works)

Lot value (estimated)

- £0 excluding VAT
- £0 including VAT

Contract dates (estimated)

- 15 December 2025 to 16 June 2032
- 6 years, 6 months, 2 days

CPV classifications

- 31200000 - Electricity distribution and control apparatus
- 45000000 - Construction work
- 45231400 - Construction work for electricity power lines
- 45315400 - High voltage installation work
- 45317200 - Electrical installation work of transformers
- 50711000 - Repair and maintenance services of electrical building installations

Same for all lots

Contract locations are shown in the Scope section, because they are the same for all lots.

Submission

Publication date of tender notice (estimated)

6 March 2025

Submission type

Tenders

Deadline for requests to participate

24 April 2025, 1:00am

Submission address and any special instructions

<https://www.delta-esourcing.com/>

Tenders may be submitted electronically

No

Languages that may be used for submission

English

Award decision date (estimated)

30 November 2025

Other information

Description of risks to contract performance

The value of any contract exceeding the estimated values in the tender notice(s).

The Commercial Operations Date exceed the Ofgem Window 3 back-stop date (end 2032).

Procedure

Procedure type

Competitive flexible procedure

Contracting authority

TI LirIC Limited

- Public Procurement Organisation Number: PWJV-7322-MWTR

17th Floor, 88 Wood Street

London

EC2V 7DA

United Kingdom

Contact name: Brian Dunn

Telephone: 07985244657

Email: brian.dunn@tinv.com

Region: UKI31 - Camden and City of London

Organisation type: Public authority - sub-central government