

# Genex Kidston Connection Project

Local contractor and supplier briefing  
Powerlink and UGL  
Monday 9 August 2021

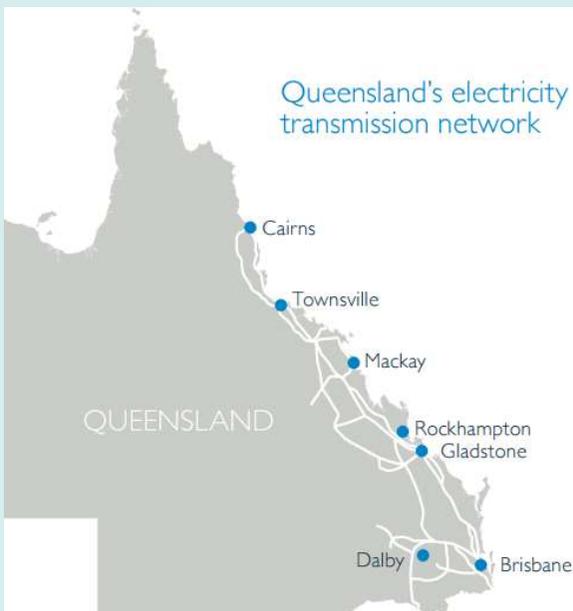


## **Powerlink**

- About Powerlink and the Genex Kidston Connection Project
- Draft transmission line alignment and activities for planning approval
- Construction works – project scope
- Local opportunities
- Ethically, environmentally and socially responsible procurement

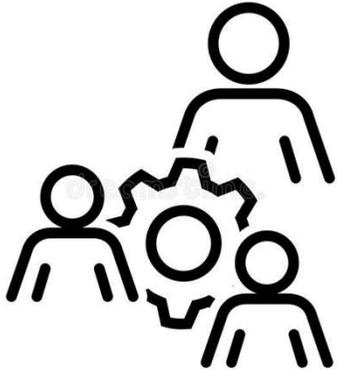
## **UGL**

- More information on the type of work being completed for the project
- Procurement processes including details on a new software application
- How to register your interest

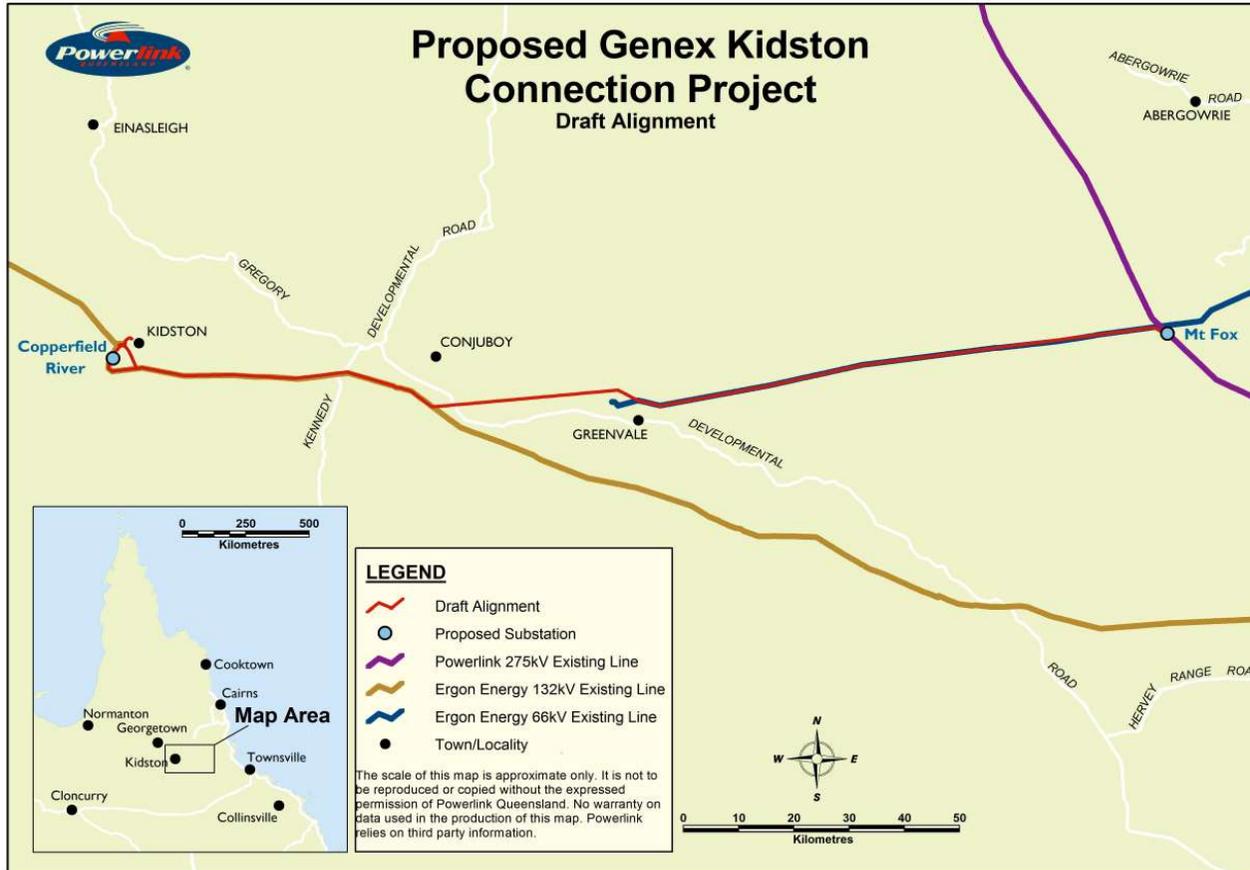


- Queensland Government owned – a leading transmission network company.
- We own, develop, operate and maintain the transmission network in Queensland.
- Our network runs 1,700km from north of Cairns to NSW.
- We don't buy or sell electricity – we transport it from generators to five million Queenslanders and 238,000 businesses.
- We also provide network connections for large-scale generators and major industrial customers.
- Enabling renewable energy is a key focus for Powerlink.

- Genex Power Limited (Genex) has engaged Powerlink to progress the 275kV transmission line infrastructure to connect the Kidston Clean Energy Hub to the national electricity grid.
- Powerlink received a 'Notice to Proceed' on 31<sup>st</sup> March which signalled reactivation of activities to formally progress the project.
- The proposed connection incorporates a 275kV transmission line (around 186km in length) and a new switching station at Mt Fox. This includes ~340 steel lattice towers.
- We have been engaging with landholders and other stakeholders since 2016, undertaking a range of research, field studies, and environmental and technical investigations.
- No final decisions will be made about the final route for the proposed transmission line until a comprehensive impact assessment and associated consultation is finalised, and planning approval is granted by the Planning Minister.



- Powerlink has now recommenced project planning activities.
- This includes engaging with landholders and other stakeholders about next steps and undertaking remaining technical and design works, along with environmental and cultural heritage assessment activities to take place over coming months.
- Construction for the transmission line is expected to commence in April 2022, for completion by early 2024 (weather dependent).



- **May 2021** – Formal recommencement of engagement with landholders and other stakeholders. Discussions on land access, compensation and additional studies.
- **October 2021** – Lodge Assessment Report to Planning Minister and publicly released for formal consultation.
- **November/December 2021** – Powerlink prepares summary of matters raised in submissions and outlines any changes made to Designation proposal.
- **December 2021** – Planning Minister considers submissions when making the decision to designate the land.
- **March 2022** – The decision is published in the Queensland Government Gazette. Landholders, Councils and Powerlink are notified.
- **April 2022** – Construction commences. Ongoing engagement with landholders and other stakeholders.

- The Genex Kidston connection project is the largest non-regulated project in the National Electricity Market.
- UGL has been appointed principal contractor for delivering the transmission line and switching station.
- Involves building around 186km of 275kV transmission line, including 340 transmission towers.
- Proposing two to three temporary accommodation camps for the project workforce.
- Powerlink is committed to working with landholders and other stakeholders to minimise construction impacts in relation to key matters such as land access, Cultural Heritage and Native Title, biosecurity and weed management, and local traffic and road use.



We are keen to maximise opportunities for local suppliers of support services wherever possible. Potential local contractor opportunities include:

- accommodation providers
- fuel suppliers
- Vegetation and biosecurity management + access works
- water supply
- waste management and recycling
- machine and equipment hire
- security services
- cranes
- cleaning services
- IT expertise
- office supplies and printing
- restaurants/eateries
- car hire.

**We will continue working with UGL to engage with local suppliers and contractors to identify suitable opportunities as the project progresses.**

Powerlink values responsible contractors that adopt business practices which:

- Comply with Powerlink's Supplier Code of Conduct and Code of Conduct for Contractors
- Reduce long-term and youth unemployment by delivering jobs and increasing apprenticeships
- Consider workplace policies and practices aimed at addressing domestic and family violence
- Support purchase of textile, clothing or footwear products from ethical manufacturers and suppliers where possible
- Do not engage in 'dumped' goods
- Increase opportunities for apprentices by adhering to the Queensland Government Building and Construction Training Policy

Powerlink values responsible contractors that adopt business practices which:

- Procure paper products that comply with the relevant standard under the Australian Forest Certification scheme
- Promote the creation of training and employment opportunities, particularly for disadvantaged or marginalised jobseekers such as people with disability
- Support diversity in the supply market by generating opportunities for small and regional businesses, social enterprises and Aboriginal and Torres Strait Islander businesses
- Comply with all of the Ethical Supplier Threshold requirements of the Queensland Procurement Policy.

UGL designs, constructs and maintains critical infrastructure across the water and power sectors. Ranging from wastewater treatment plants to power stations, UGL provides an end-to-end offering from concept design through to operations and maintenance of the following asset types:

- Power generation
- Transmission lines
- Substations
- Electrical distribution networks
- Water and wastewater treatment plants
- Water pipelines

**Key Utilities projects include:**

- Electranet Hill to Hill Project (SA)
- Sydney Water Lower South Creek Treatment Plant (NSW)
- TransGrid Maragle Project for Snowy Hydro 2.0 (NSW)
- Melbourne Water Western Treatment Plant (VIC)
- Rio Tinto Koodaideri Mine Project (WA)

## Utilities



UGL originated as a small engineering business, in Western Australia in the late 1960s.

Expanding nationally during the 1990s, UGL acquired Goninan, the country's leading producer of railway rolling stock, founded in 1899.

1960



Changed company name to United Group Limited



1997



Changed company name to UGL Limited

1999

UGL was acquired by CIMIC Group.



2016

We have evolved from a family business to become **the best at what we do** in the many and varied sectors of which we operate.

Our success has been built on anticipating and reacting to market trends and demands, maximising our opportunities.

1899

THE HISTORY OF UGL

TODAY

1994



Alfred Goninan established a small engineering business at Wickham (5.5 acres).



Listed on the Australian Securities Exchange as United Construction

1998 Kilpatrick Green\*



1999 Goninan\*



2002 KEPW\*



2004 Thames Water\*



2005 Premas / Alstom\*



2006 Equis / Fischer Industries / Goulburn Railway Workshops / Peak Security / Steelplan\*



2007 PCS / Unico\*

2011

In 2011, UGL acquired DTZ Holdings, creating a global leader in property services that was later divested.



**Today we are a tier one contractor, respected and trusted by our clients across all sectors.**

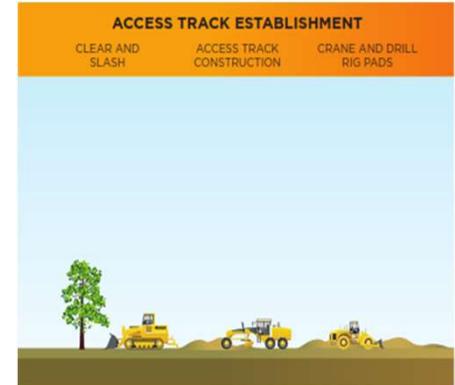
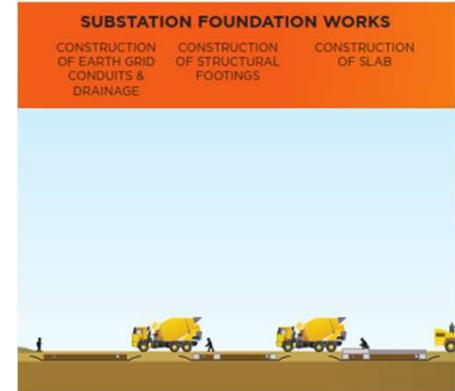


## Mt Fox Substation – site establishment

- Transport of UGL owned prefab offices, crib huts, amenities and containers
- Site set up – clearing, cramage, water storage, generator and site power
- Site services – potable water, ablutions, fuel, generator service, cleaning, waste removal
- 4X4 vehicle hire

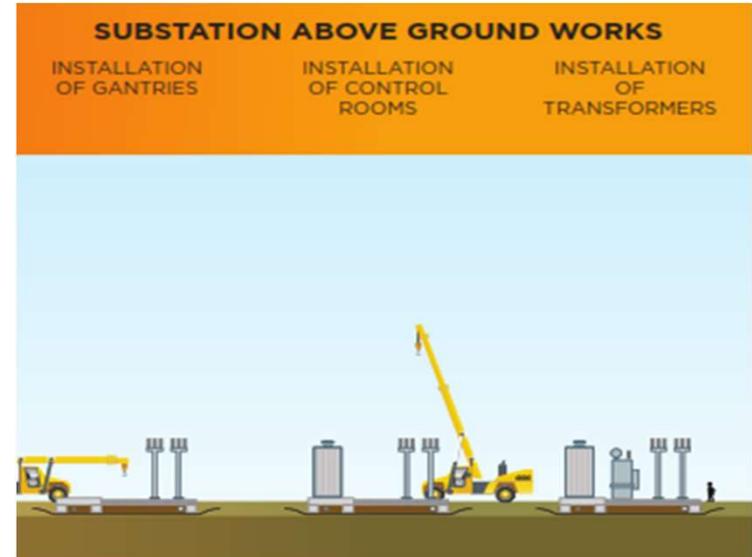
## Kidston Transmission Line – site establishment

- Hire and delivery of site offices, crib huts, amenities and containers
- Hire of facilities for two accommodation camps – 150 man
- Site set up – clearing, cramage, water storage, generator and site power
- Operation and management of accommodation camps
- Site services – potable water, ablutions, fuel, generator service, cleaning, waste removal
- 4X4 vehicle hire

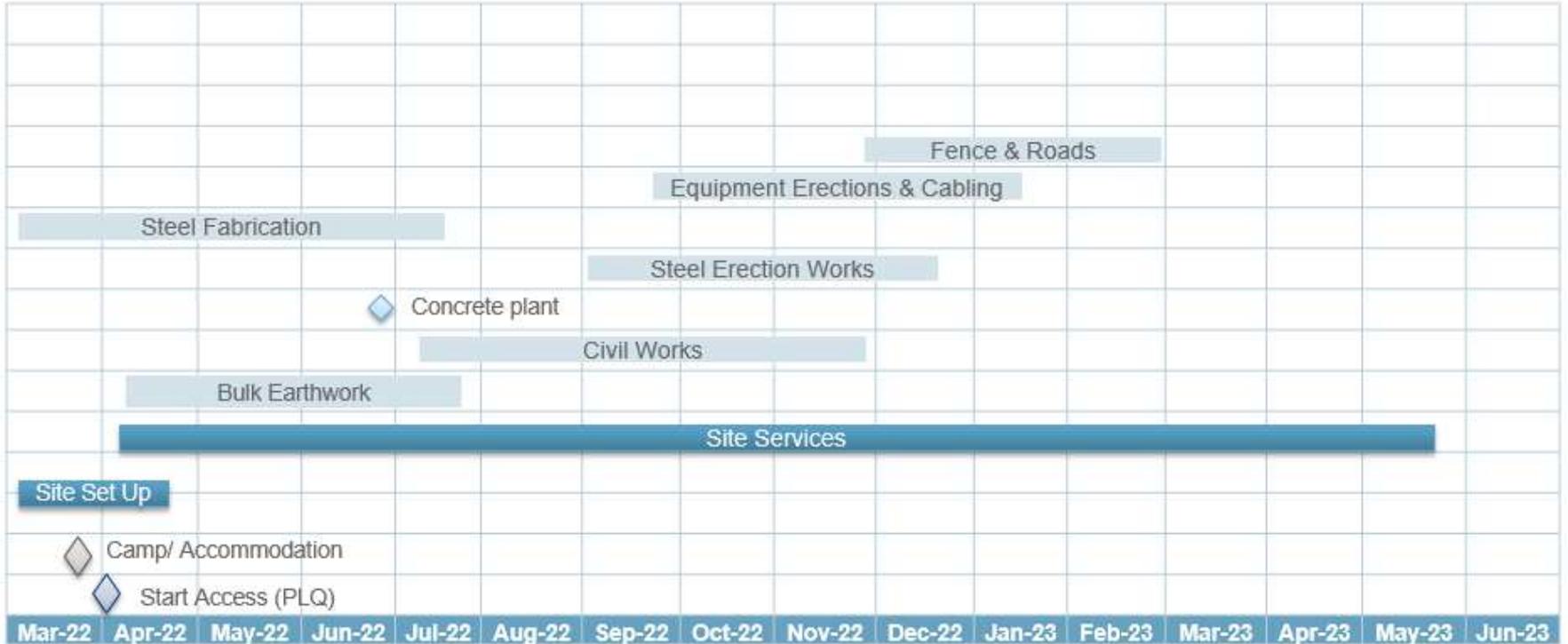


### Mt Fox Substation – construction

- Survey and Geotechnical Investigation
- Site Clearing – Mulching
- Bulk Earthworks – subcontractor
  - Drainage including concrete pipe supplies
  - Internal bitumen roads, substation gravel surface
  - Plant hire requirement dependent on commercial subcontract
- Civil Works – subcontractor
  - Formwork, reinforcing steel, concrete supplies, construction water
  - Plant hire requirement dependent on commercial subcontract
- Structural – local supplier
  - Steel lattice towers and beams
  - High Voltage electrical equipment supports – tubular steel
  - Hire cranes and access equipment
- Management & Electrical Erection – UGL
  - Local skilled Electricians, trades assistants, Civil Engineer
  - Electrical equipment, conduits, some cable, consumables
  - Hire excavation, craneage and access equipment



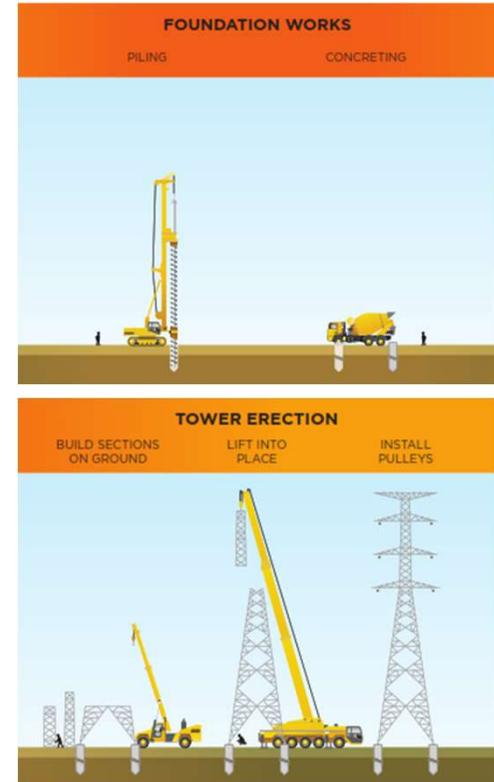
# Timeframe - Mt Fox Substation



### Kidston Transmission Line – construction

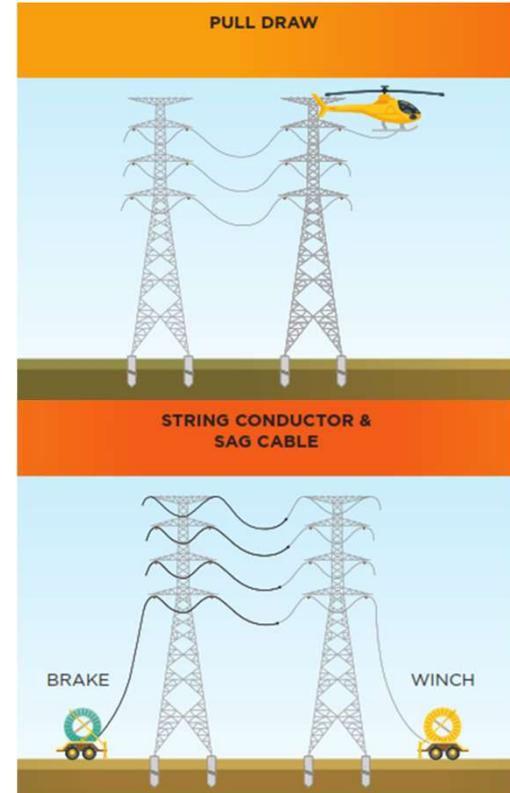
UGL self perform the majority of work with support provided by local suppliers and subcontractors as follows:

- Tower Pads and foundations – UGL
  - Hire plant for surface preparation
  - Concrete supplies with options for Batching Plants and/or agitator trucks
  - Environmental and erosion controls
  - Reinforcing steel supplies
  - Earthing cabling and fittings
- Lattice tower steel – overseas supply
  - Local heavy transport from Townsville wharf to UGL Townsville yard
  - Heavy transport UGL Townsville yard to 342 off tower sites
  - Crane hire for tower assembly and erection
  - Access equipment hire for tower erection
  - Fixings and alterations to tower steel

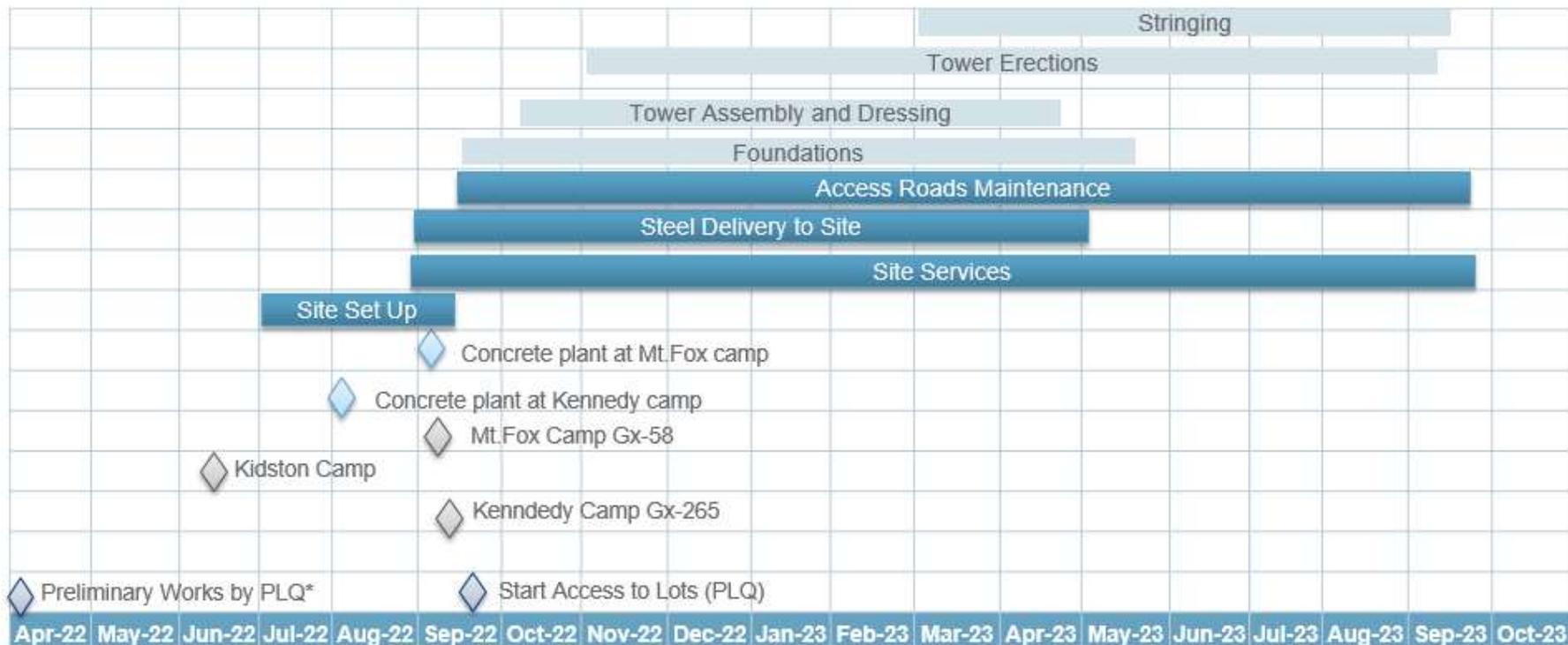


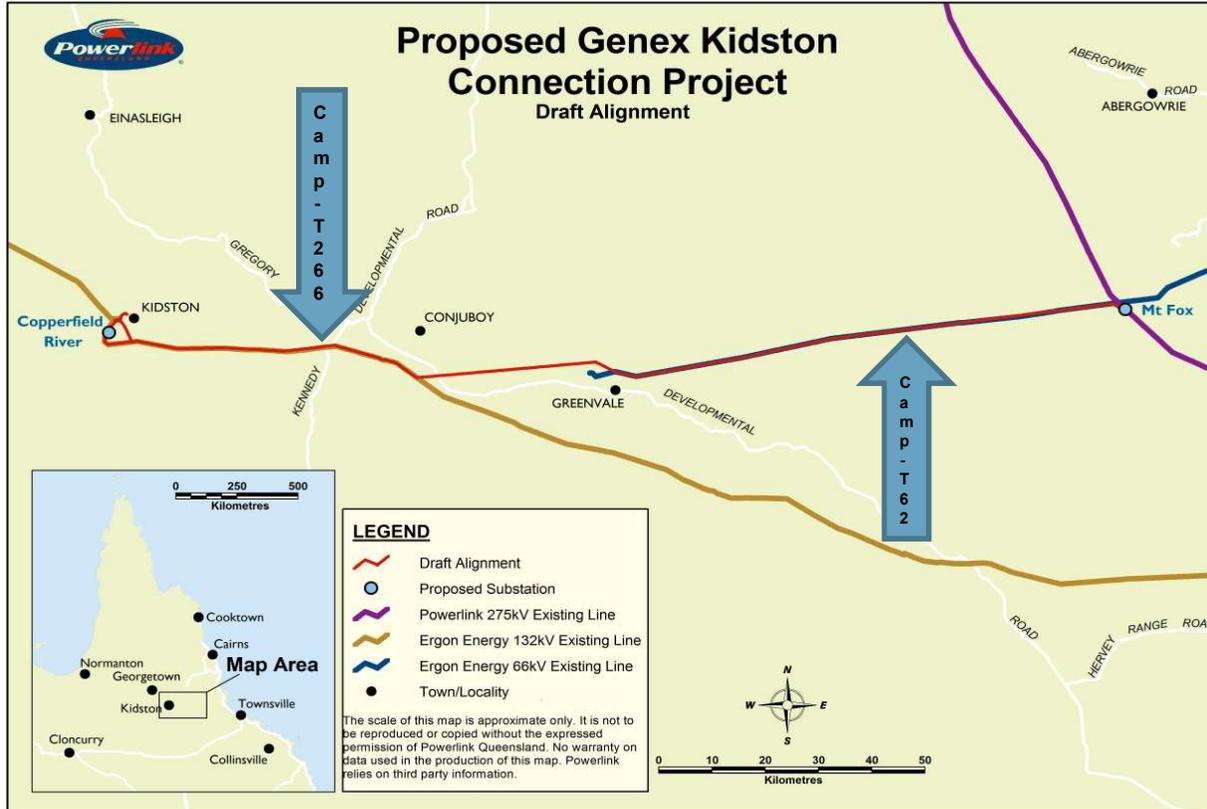
### Kidston Transmission Line – construction (cont'd)

- Stringing – UGL specialised work
  - Local skilled Linespersons, trades assistants
  - Surface preparation, cramage hire
- Access roads and tracks – subcontractors
  - Surface and pothole maintenance
  - Supply and place water for dust control
  - Environmental and erosion controls
  - Gravel and road base supplies
  - Road plant equipment hire
- General
  - Construction water to tower sites
  - Site Safety management support
  - Site Engineering support
  - Site Environmental support



# Timeframe - Kidston Transmission Line





### UGL Procurement Processes

- Engaging with UGL
  - UGL has a significant database already containing suitable local contractors which will be leveraged off
  - As per the packages in the previous slides, suppliers will be aligned with opportunities and invited to participate
  - Currently UGL is implementing the Sourcing software solution **Felix** to support the procurement process
- What will **Felix** do?
  - Support Vendor Management
  - Provide an interface with suppliers and manage mandatory prequalification requirements such as:
    - Safety Management
    - Licences
    - Insurances
    - Certifications
- The system replaces the paper-based Vendor Questionnaire for supplier onboarding and provides web-based visibility of:
  - the services delivered by our vendors
  - the regions in which they operate, and
  - our performance ranking and interactions with them.
  - Felix also allows for projects to be established and RFQs sent to our suppliers via the system. Felix operates in parallel with SAP, which will continue as the system for generating Purchase Orders.
- Suppliers are invited to register in **Felix** and be qualified, once qualified they will be invited to tender on appropriate packages of work aligned with their service offering.

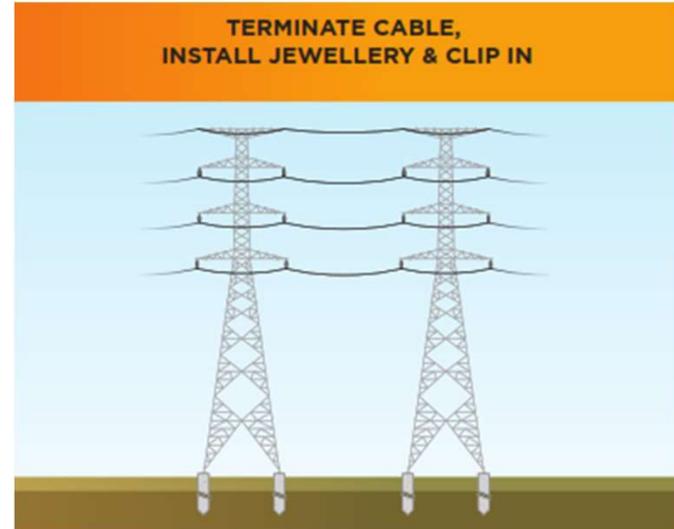
The procurement process will include activities such as:

- Review the market and identify opportunities for local suppliers
- Align packages with local suppliers
- Review Felix database for qualified suppliers and invite identified suppliers to register in the Felix system
- Conducting competitive, fair and transparent procurement activities
- Supporting local suppliers with their tendering capability

Procurement communications and contact details:

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Question time



## For further information

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### UGL

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