

ILUKA RESOURCES ENEABBA RARE EARTH REFINERY COMMUNITY UPDATE



19 August 2022

ILUKA



Eneabba Rare Earth Refinery Layout.

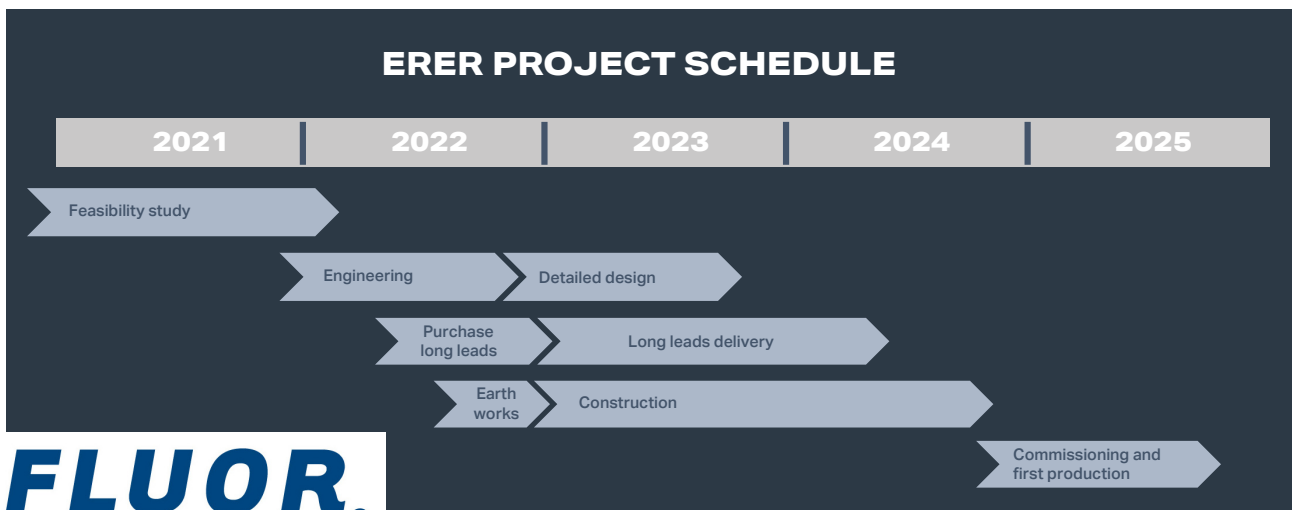
Fluor Australia to lead refinery construction

Iluka Resources has appointed Fluor Australia as the lead contractor to complete engineering design and construction of Australia's first fully integrate rare earth refinery at Eneabba.

Fluor has more than 100 years of experience in engineering, procurement and construction services and has a strong record in project delivery.

The company will be responsible for procurement and management of the many service contracts and direct employment of workers required to build the refinery.

Earthworks for the construction are scheduled to begin in September 2022, with first production scheduled for 2025.



Employment and contracting opportunities

As part of the risk sharing arrangements with the Government, the project requires an Australian Industry Plan (AIP) which seeks to ensure Australian industry are provided full, fair and reasonable opportunities to compete for work on the Refinery. To meet this obligation Fluor is developing a regional and Indigenous participation plan to promote opportunities for suitably qualified local and regional businesses and workers to be engaged in the delivery of this nationally significant industrial development. Iluka is committed to supporting the Mid-West region and its industry, communities and local people throughout both the construction and ongoing operation of the Refinery.

Potential contractors will be able to register their interest directly with Fluor through the online website once it is operational. However, in the interim, interests can be expressed by sending an e-mail with your company profile and experience attached to the following email address: Iluka.Project.Tenders@fluor.com

Telstra tower upgrade

Work is underway to upgrade Telstra telecommunications infrastructure servicing the Eneabba townsite and surrounding areas, following a \$600,000 contribution by Iluka Resources.

The upgrades include improvements to the existing cellular tower, as well as the construction of a new tower, enabling access to 4G and 5G networks. Current 'dead spots' and issues with intermittent service are expected to be greatly reduced. The existing tower is being upgraded now, while construction of the second tower is expected to be completed by late 2023.

Businesses and residents at Eneabba will be able to access significantly improved, fast and reliable mobile voice and data services. Benefits include improved access to e-commerce and a range of government services including health care, education and training. Reliable telecommunications are also critical to ensuring optimal response times in emergency situations such as natural disasters or major accidents.

The scale of the upgrades exceeds Iluka's own requirements associated with the Eneabba Rare Earths Refinery and its workforce. The decision to invest in surplus capacity to improve service to Eneabba was influenced by feedback received from community members during consultation for the refinery planning process.

Worker accommodation camps

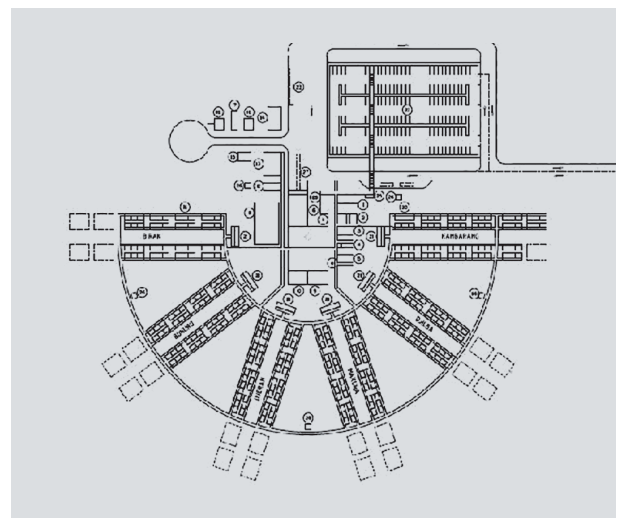
Work has already commenced to refurbish and upgrade the existing Banksia Village Accommodation Camp from the current 124 rooms to 245 rooms. This expansion involves the refurbishment of 30 existing rooms at the Banksia and Erindoon camps, the installation of 80 new rooms, and the refurbishment of 11 rooms in local houses. All 245 rooms will be serviced from the Banksia Village facilities and will utilise local hospitality services and recreational facilities.

Refinery accommodation requirements are projected to reach up to 500 during construction, and around 250 during operations. Noting that not all workers will be site based. A tender is currently out for the design and construction of a new 300-person camp to be located along the Eneabba -Three Springs Road, approximately 2km east of the Eneabba townsite. Construction of this is expected to be completed by Q3 2023.

The proximity of the additional accommodation to Eneabba means local businesses will see increased consumer traffic particularly for personal goods and hospitality services. Other opportunities for local people and business may be available as some of the workforce may prefer private accommodation options.

Iluka will assess options to provide transport to the Eneabba townsite for workers staying at the new camp, to promote accessibility and patronage with local businesses.

Expressions of interest from suitably qualified regionally located workers and businesses to participate in camp construction can be emailed to: Iluka.Project.Tenders@fluor.com



Eneabba - Three Springs Road Main Camp Schematic Layout.

Road safety

Road safety is a key consideration in Iluka's Eneabba Rare Earths Refinery development, and one that continues to feature prominently in community consultation.

Once operational, the refinery will see up to 24 trucks entering and leaving the site daily, which has the potential to cause nuisance and safety issues for other road users if not managed.

A number of measures will be implemented to maintain or improve road safety, and additional measures will be assessed for potential future implementation.

Mineral Sands Road

Road safety was a factor in selecting the site for Iluka's new worker accommodation camp. Iluka is working with the Shire of Carnamah to upgrade Mineral Sands Road which will be used as a mine access road for light vehicles and employee buses only.

The new camp location on the Eneabba-Three Springs Road means light vehicle movements between both camps and the refinery can occur entirely off the highway, thereby avoiding a potential impact on other road users.

Brand Highway heavy vehicle entrance upgrade

Iluka is working with Main Roads to upgrade the Brand Highway/Mine Access Road intersection to minimise the impact of truck movements on highway traffic flow. The use of Mineral Sands Road as a light vehicle access road also means that this entrance will be mostly a Heavy Vehicle access road. The segregation of heavy and light vehicles is an important safety measure for the design.

Other measures to be assessed

Additional measures to reduce light vehicles on the Brand Highway and other roads will be assessed once refinery construction is underway, and the movements of commuting workers are clearer.

Iluka has tasked its EPCM contractor, Fluor Australia to assess the viability of running a bus service between Perth and Eneabba during construction. The service could be carried forward to support the operational workforce if required.

A bus service running between the worker accommodation camps at Eneabba and the refinery site will also be considered as a means to minimise light vehicle movement to and from town.

Similarly, the potential for a shuttle service running between the new camp and the Eneabba townsite will be assessed as a measure to promote patronage among local businesses while minimising light vehicle movements in town.

Swimming pool

Iluka and the Shire of Carnamah are discussing options to potentially share the cost of running and maintaining the Eneabba swimming pool facility. Rather than constructing a pool at Iluka's new worker accommodation camp on the Eneabba -Three Springs Road, Iluka considers a shared facility that can be enjoyed by both the community and the Iluka workforce to be a better option.

Community gymnasium

Iluka worked with the Shire of Carnamah to contribute towards upgrades of the community gym. Iluka donated \$10,000 towards new gym equipment.

Wastewater treatment upgrade

Iluka is working with Water Corporation to upgrade the existing wastewater treatment facility servicing Eneabba to accommodate the new camp. The upgrade is required to ensure the treatment facility has capacity to handle the pressures of hundreds of Iluka workers residing at accommodation camps and potentially other places of residence at Eneabba.

Project Contact Details

If you have any questions about the Eneabba Rare Earth Refinery please contact our project administrator Mandy Grieger by email - Mandy.Grieger@iluka.com or call her on +61 (08) 9956 9531. Mandy will arrange for the right person at Iluka or Fluor to respond. You can also contact Iluka via our website, by emailing our Communities Team - Eneabba.Community@iluka.com or by calling our 24-hour community line on 1800 30599.

