

Cockatoo Island Multi-user Supply Base

Proposal Content Document

Table 1: General proposal content description

Proposal title	Cockatoo Island Multi-User Supply Base
Proponent name	Kimberley Technology Solutions Pty Ltd
Short description	Kimberley Technology Solutions Pty Ltd (KTS) propose to construct and operate a multi-user supply base and logistics facility (The Proposal). The Proposal would support oil and gas and defence industries off the north-western coast of Western Australia. It will also support the expansion of aquaculture, as well as reduce the operating costs of the mine on Cockatoo Island, through shared infrastructure. The Proposal is located on Cockatoo Island approximately 7 km off the Western Australian coast within the Buccaneer Archipelago, approximately 130 km north of Derby. Cockatoo Island is located within Yampi Sound, between Irvine and Koolan Islands. Developments would comprise an upgraded airfield and a wharf as well as other related support infrastructure which will benefit other industries.

Table 2: Proposal content elements

Proposal element	Location / description	Maximum extent, capacity or range
Physical elements		
Airfield and supporting infrastructure disturbance footprint	Figure 1	No more than 18.84 ha
Wharf disturbance footprint	Figure 1	No more than 6.57 ha
Construction elements		
Land reclamation	Figure 1	Up to 700,000m ³ of fill (benign mine waste).
Operational elements		
Native vegetation clearing	Figure 1	No more than 7.37 ha
Wharf – floating barge	Figure 1	Two floating barges - No more than 0.82 ha
Proposal elements with greenhouse gas emissions		
Construction elements:		

Scope 1	Scope 1 GHG emissions associated with construction are not expected to be greater than 50,000 tonnes CO ₂ -e per annum (assuming 1 year construction period), which places the proposal below the 100,000 tonnes CO ₂ -e per annum threshold as defined under the Australian Government's Safeguard Mechanism.	
Scope 2	NA	
Scope 3	Emissions during manufacturing and construction of facility and equipment will be calculated during assessment stage but are expected to be less than 100,000 tonnes CO ₂ -e per annum.	
Operation elements:		
Scope 1	Scope 1 GHG emissions associated with operation are not expected to be greater than 5,000 tonnes CO ₂ -e per annum (taking a conservative approach with respect to cleared vegetation and no rehabilitation following construction considered), which places the proposal below the 100,000 tonnes CO ₂ -e per annum threshold as defined under the Australian Government's Safeguard Mechanism.	
Scope 2	Emissions during operation of facility and equipment will be calculated during assessment stage but are expected to be less than 100,000 tonnes CO ₂ -e per annum	
Scope 3	NA	
Rehabilitation		
Final closure and rehabilitation following cessation of operations.		
Commissioning		
No commissioning operations are required.		
Decommissioning		
Removal of all above-surface infrastructure following cessation of operations.		
Other elements which affect extent of effects on the environment		
Proposal time	Maximum project life	63 years
	Construction phase	Approximately 12 months
	Operations phase	63 years
	Decommissioning phase	Estimated 12 months post operations