

Template

Proposal Content Document

Table 1: General proposal content description

Proposal title	APCr Immobilisation Plant and Interim Disposal Solution
Proponent name	Eastern Metropolitan Regional Council
Short description	Construction of an Immobilisation Plant for the treatment of Air Pollution Control Residue (APCr). The Immobilisation Plant will consist of a hardstand with storage silos, immobilisation plant, water tanks, washdown bay, and surface water pond. The Immobilisation Plant will treat APCr to meet Class IV standards suitable for disposal in the existing Class IV Stage 2 landfill (eastern cell).

Table 2: Proposal content elements

Proposal element	Location / description	Maximum extent, capacity or range
Physical elements		
Administration and control room	Drawing C-103	22 x 23m (506m ²)
Storage silos	Drawing C-103	
Loss of weight hoppers	Drawing C-103	
Water storage tanks	Drawing C-103	
Mixer and loading area	Drawing C-103	
Washout/washdown bay	Drawing C-202	
Concrete hardstand	Drawing C-103	
Surface water management system (pond)	Drawing C-102, C-103 and C-201	15 x 20m (300m ²)
Construction elements		
Immobilisation Plant	Drawings C-001, C-101, C-102, C-103, C-201 and C-202.	806m ²
Operational elements		

Treatment of APCr through immobilisation	Drawing C-103	Design capacity 50,000tpa
Proposal elements with greenhouse gas emissions		
Construction elements:		
Scope 1	Approximately 20 tonnes of CO2 during the construction period	
Scope 2		
Scope 3		
Operation elements:		
Scope 1	Approximately 156 tonnes of CO2 per annum	
Scope 2		
Scope 3		
Rehabilitation		
Following decommissioning of the Immobilisation Plant, the area will be rehabilitated in accordance with the RHWMF closure plan.		
Commissioning		
Commissioning of the Immobilisation Plant will be undertaken by the design and construct contractor. A commissioning plan will be prepared during the detailed design phase of the project.		
Decommissioning		
Decommissioning of the Immobilisation Plant will be undertaken in 25+years' time by experienced and qualified contractor. A decommissioning plan will be prepared prior to commissioning.		
Other elements which affect extent of effects on the environment		
Proposal time*	Maximum project life	Approximately 25 years
	Construction phase	Approximately 6 months
	Operations phase	Approximately 25 years
	Decommissioning phase	Approximately 3 months

* Proponents should only provide realistic timeframes to avoid unnecessary change to proposal applications at referral (section 38C), assessment (section 43A) or post assessment (section 45C).