

Template

Proposal Content Document

Table 1: General proposal content description

Proposal title	Perdaman Lateral Project
Proponent name	DBNGP (WA) Nominees Pty Ltd
Short description	The Perdaman Lateral Project (the Proposal) is located within the Burrup Peninsula, approximately 20 km north of Karratha. The Project involves the construction of a 550 m pipeline and associated supporting infrastructure to transport a maximum of 150 TJ of natural gas per day from the Dampier to Bunbury Natural Gas Pipeline to the proposed Perdaman Urea Plant development.

Table 2: Proposal content elements

Proposal element	Location / description	Maximum extent, capacity or range
Physical elements		
DN400 lateral pipeline	Figure 2-1 and Figure 2-2	2.05 ha of disturbance including 0.21 ha of vegetation, within a 2.05 ha Development Envelope
Hot tap connection to the DBNGP		
Pig Launcher Compound		
Pig Receiver Compound and Custody Transfer Meter Station		
Material storage/laydown areas		
Temporary offices, workshops, cribs and ablution buildings		
Rock causeway		
Construction Elements		
DN400 Lateral Pipeline installation	N/A	550m concrete-coated pipe (dewatering not required).

		A DN400 (16-inch), approximately 550 m pipeline from the Perdaman Inlet Station to the Perdaman Meter Station. The installation of the pipeline will involve the construction of a 550 m underground concrete-coated pipeline with pipeline pigging facilities at either end to tie into the DBNGP and meter station. Construction of the pipeline will involve trenching, stringing, welding, lower-in, backfilling, hydrostatic pressure testings and final tie-ins. The trench will be open for a maximum of three weeks. Trench will be backfilled in accordance with the DBNGP Environmental Plan. The trench will be backfilled using material treated in accordance with the ASSMP. Concrete-coated pipe will be utilised to eliminate the need for dewatering.
Operational elements		
Transfer natural gas from DBNGP to Perdaman Urea Plant development	N/A	150 TJ/Day (Maximum)
Proposal elements with greenhouse gas emissions		
Construction elements:		
Scope 1	1,362 t CO ₂ -e	
Scope 2	N/A	
Scope 3	N/A	
Operation elements:		
Scope 1	8 t CO ₂ -e/year	
Scope 2	N/A	
Scope 3	820,000 t CO ₂ -e/year	
Rehabilitation		
The Development Envelope contains only minor areas (0.21 ha) of native vegetation in Poor condition and 1.22 ha of mudflat habitat (which does not contain any vegetation). The Proposal includes backfilling of the proposed pipeline with trench spoil and topsoil following construction. Revegetation of native vegetation prior to decommissioning is therefore not relevant to this Proposal.		
Commissioning		
Following the completion of the construction phase, the Proponent will undertake the environmental commissioning of the Proposal in accordance with the DBNGP Environment Plan (EP) approved by the Department of Energy, Mines, Industry Regulation and Safety (DEMIRS). This will consist of		

final leak tests, confirmation of the functionality (including set point confirmation for all safety critical elements) and remote visibility of all installations/devices.

Decommissioning

All operational infrastructure located in the surface of the Development Envelope will be removed. Pipelines and subsurface infrastructure will also be removed where practicable (no additional environmental impacts are likely), otherwise, it will be appropriately decommissioned and buried at an appropriate level below the surface. A decommissioning and final rehabilitation plan will be prepared prior to commencing any decommissioning activities.

Other elements which affect extent of effects on the environment

Proposal time*	Maximum project life	28
	Construction phase	4-6 months (will occur outside the wet season)
	Operations phase	25 years
	Decommissioning phase	2 years

** 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).*