Proposal Content Document

Table 1: General proposal content description

Proposal title	Tantabiddi Boating Facility
Proponent name	Department of Transport
Short description	The Tantabiddi Boating Facility shall be constructed ~300 meters south of the existing Tantabiddi boat ramp and is located in the Ningaloo Coast World Heritage Area, Ningaloo Coast National Heritage Area, Ningaloo Marine Park (State Waters) and Jurabi Coastal Park (Figure 1). The proposal has an indicative disturbance footprint of 22.6 hectares (ha) and is located within a 58.4 ha Development Envelope (Figure 2). The Tantabiddi Boating Facility will provide sheltered conditions to support recreational and commercial boating activities. The Tantabiddi Boating Facility will include the following elements: breakwater/revetments, boat ramps, jetties, fishing platform, commercial boat pens, interpretative centre, ticketing office, public amenities, public open space and car/trailer parking. Construction will include a revetment wall, breakwaters, dredging of the harbour basin and entrance channel, land reclamation and land clearing. Sand bypassing and dredging operations will be required on an ongoing basis.

Table 2: Proposal content elements

Proposal element	Location / description	Maximum extent, capacity or range
Physical elements		
Breakwater and revetments	Figure 2	Indicative footprint of up to 3.5 ha built up to 6.5m Chart Datum.
Harbour basin and entrance channel	Figure 2	Indicative footprint of up to 9.7 ha to a depth of -2.65 m Chart Datum.
Boat ramps	Figure 2	up to 6 ramps
Reclamation area	Figure 2	Indicative footprint of up to 3.6 ha
Land area	Figure 2	Indicative footprint of up to 5.6 ha of vegetation clearing for car parking, access road, open spaces and infrastructure.
Construction elements		

Breakwaters and revetments	Figure 2	Limestone rock end tipped and/or excavator placed
Dredging (harbour basin and entrance channel)	Figure 2	Harbour basin: 130,000 m^3 dredged upon completion of the breakwaters Entrance channel: 23,000 m^3
Reclamation	Figure 2	Constructed using dredged material disposed into a bunded area, with decant water draining into the harbour basin.
Piling	Figure 2	Up to 12 piles installed outside of the breakwaters with no impact piling August to November Up to 200 piles installed within the boating facility after breakwaters are in place
Landside earthworks	Figure 2	Clearing of up to 5.6 ha of vegetation. and cut and fill earthworks to construct an access road to connect the existing road to the reclamation area, and associated infrastructure.
Operational elements		
Sediment bypassing	Figure 2	~6,000 m^3 up to twice yearly (volume and frequency to be informed by ongoing monitoring) in the areas shown in Figure 2. Sand to be spread above the low tide mark and contoured to align with adjacent levels.
Entrance channel dredging	Figure 2	~16,000 m^3 about every four years (volume and frequency to be informed by ongoing monitoring) from the channel shown in Figure 2. Sand to be spread above the low tide mark and beaches contoured to align with adjacent levels.
Proposal elements with greenhouse gas emissions		
Construction and operational elements Greenhouse gas emissions will be significantly lower than the emissions levels which trigger EPA consideration.		
Rehabilitation		
Following construction, any disturbed vegetation adjacent to the infrastructure footprint of the Tantabiddi Boating Facility will be rehabilitated. The existing Tantabiddi boat ramp will be decommissioned via the removal of all marine infrastructure (boat ramps, jetties and car turning circle) and at least 1.6 ha of adjacent lands rehabilitated to reinstate the landform and vegetation types in this area. About 1.3 ha will be retained for day use (access road, parking area, revetment and toilets) to be managed as part of the Jurabi Coastal Park.		
Commissioning		
The existing Tantabiddi boat ramp will be operational until the boat launching facilities at Tantabiddi Boating Facility are commissioned.		

Decommissioning		
NA		
Other elements which affect extent of effects on the environment		
Proposal time*	Maximum project life	Estimated to be at least 50 years plus construction phase
	Construction phase	About 35 months
	Operations phase	At least 50 years
	Decommissioning phase	If required, infrastructure removal would be completed approximately two years post operations

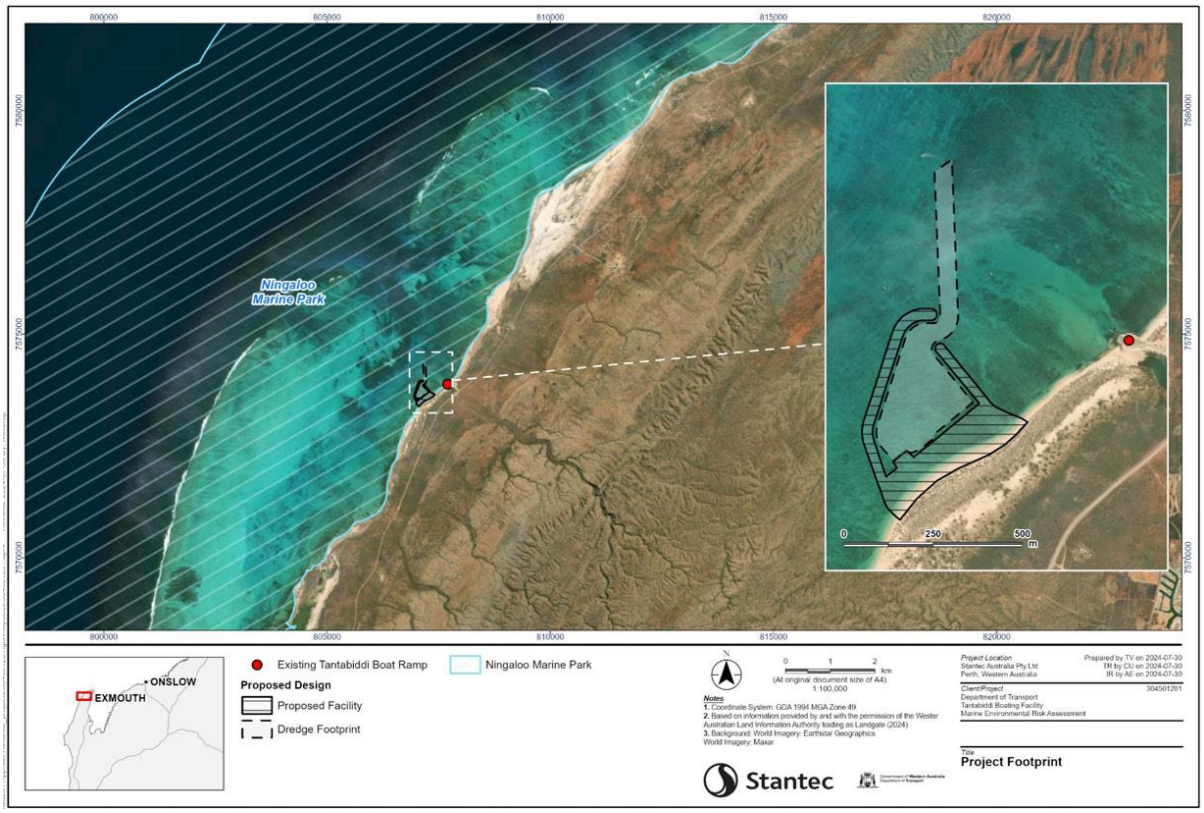

Figure 1 Site of the proposed Tantabiddi Boating Facility

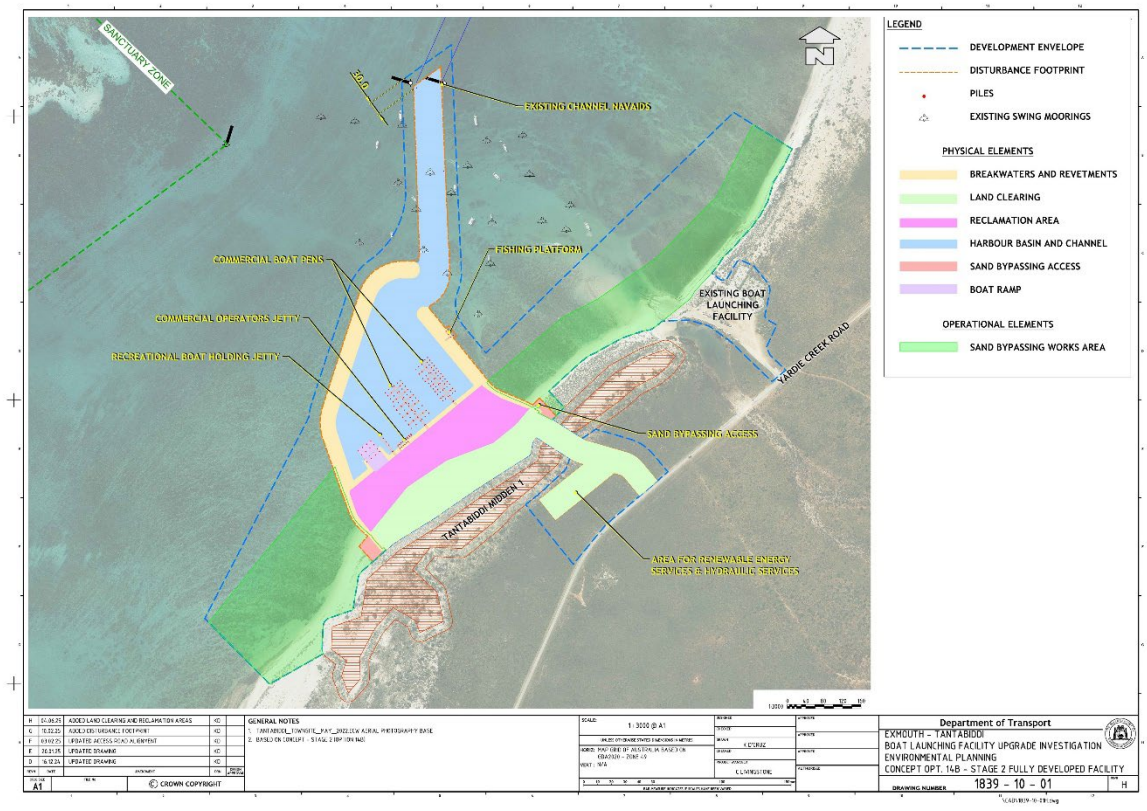

Figure 2 Project elements of the Tantabiddi Boating Facility