



Section D Specification

Supply and deliver a new two vehicle and passenger landing craft with trailer.

Tender no: T02-18-19

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Tender documents Tender documents are available for download on <https://www.tenderlink.com/tiwiislands/> or on the Tiwi Island Regional Council website www.tiwiislands.org.au/services/tenders

Tender closing information TIME: 2PM (Central Standard time)
DATE: 19 November 2018

How to submit your tender Submit your tender on <https://www.tenderlink.com/tiwiislands/>

All tenders for this Contract must be lodged through the Tiwi Islands Regional Council electronic tender portal <https://www.tenderlink.com/tiwiislands/>

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INTRODUCTION

1. Scope

This Specification applies to the following services:

- (a) Supply of a two car ferry;
- (b) Supply of a suitable trailer;

2. Description of specification

2.1 General

Specifications for the proposed vessel must be built to national law requirements for survey class 1D and 2D and to the key requirements listed below. Council is looking for a proven design with proof of concept, preferably a design of a vessel already constructed and in use.

1. General
 - a. Must be able to transport across the Aspley Strait:
 - i. Two land cruiser troop carriers (2 x L5220mm x W 1790mm x H1970 GVM 3300kg) + minimum of 12 passengers and crew
 - ii. One land cruiser troop carrier + minimum of 12 passengers and crew
 - iii. Minimum of 32 passengers and crew only
 - b. Capable to be skippered under Coxswains ticket
 - c. Built to be extremely durable to suit conditions of the Aspley Strait
 - d. Either inboard or outboard motors considered depending on design and cost
 - e. Provide a repairs and maintenance schedule
 - f. Provide a safety management system and basic operational procedures
 - g. Full maritime safety accessories and gear in lockable storage.
 - h. Minimum five keys provided
2. Ramp and entrance to vessel
 - a. Minimum length of ramp to be 2.75m. Option for extra length to get over very boggy mud would be preferred.
 - b. Ramp to be designed with grill to allow for navigation when it is raised.
 - c. Ramp must be strong and durable, able to bear weight of 3.5t.
 - d. Tread (tracks) on ramp to enable cars to go up and down
 - e. Must have nonslip to provide safe access for pedestrians
 - f. Minimum entrance width of 3.1m for cars to safely enter and exit
 - g. Simple design winch to control ramp to be strong, durable and designed to last (anchor rope quality)
3. Hull
 - a. Overall hull thickness minimum 1mm more than minimum survey requirements
 - b. forward 5 m bottom plating & structure to be 3 mm thicker than minimum rule requirements (to give hull protection from repeated gravel and beach landings)
4. Trailer
 - a. Must be suitable for the vessel

- b. Must be steerable
- c. Must provide balance and stability so repairs and maintenance can be conducted
- d. Must be appropriate for pulling the vessel out of the water at Wurrumiyanga beachfront (ie gravel and mud based beach with incline).

3. Mode of Delivery

Delivery of the craft should be to Wurrumiyanga on Bathurst Island by a pre-arranged date with suitable training provided to qualified Council staff. Delivery of the trailer should be to Seaswift yard in Darwin for transport to Bathurst Island.

Tenderers must provide fixed price that includes all costs to TIRC associated with this project. It must also include the proposed delivery date. The tender price will contribute to 25% of the assessment weighting.

Payment schedules should include:

1. Timeline of payment schedule
2. Summary of costs to supply and deliver vessel
3. Summary of costs to supply and deliver suitable trailer
4. Total cost of the tender to TIRC excluding GST
5. Total cost of tender to TIRC including GST.

NB: all figures to be expressed in Australian Dollars and GST status clearly stated.

Suggested template for payment terms

Percentage of total tender price	On Milestone	Price ex gst	Price inc gst
	Deposit		
	Hull fabrication complete		
	All welding complete		
	Motor delivery		
	Launch and sea trial successful		
	Final survey complete		