

Pardo Beach Ocean Outfall



Location	Devonport, Tasmania
Client	City Of Devonport
Contract	Construction Only
Total Cost	\$1m
Duration	1990



Leighton constructed a 900 mm diameter ocean outfall into Bass Strait at Devonport, Tasmania.

Previously, an outfall with a temporary diffuser extended some 400 m into Bass Strait and an extension to 1.4 km was required.

The tender was unusual in that the client had a budget allocation of exactly \$1 million, and tenders were called on the basis of the number of metres of pipe that could be installed for that sum.

Although not offering the greatest metrage, Leighton was awarded the contract because of the client's confidence in the proposed construction method and the experience of the project team.

The project involved digging an offshore trench using a 25 tonne underwater excavator, operated by divers, with a barge-mounted power pack.

When the excavation was complete, fine aggregate was screeded into the bottom of the trench, concrete "U" sections each weighing 3 tonnes were placed into the trench and bolted together.

The pipe was then floated out and sunk into the concrete "U" sections, and concrete was pumped around the pipe for protection.