

PROJECT OVERVIEW	Perdaman Chemicals and Fertilisers are focused on the development of the world's largest stream urea plant with a production capacity of 2 MTPA. The plant is located within the Burrup Strategic Industrial Area, Burrup Peninsula, approximately 10km from Dampier and 20km north-west of Karratha on the north west coastline of Western Australia. The development will utilise local natural gas for fertiliser production, using innovative and low-emissions technologies and will be Australia's first Urea Export Project generating Export Revenue of US\$ 800 Million/year. The facility will consist of a Syngas Production Block, Fertiliser Production Block and Offsite Facilities and Utilities.
PACKAGE TITLE:	Desalination Plant
PACKAGE NO:	
SCOPE:	<p>The Urea plant will require on site water generation for Process Water Make-up and steam generation. The water will be generated from Sea water and the water production facility shall consist of the following major components:</p> <ul style="list-style-type: none"> • Desalination Plant • Demineralisation Plant • Process condensate Polishing • Storage <p>Raw seawater is provided from a Water Corporation feed line currently located next to the Perdaman Project Destiny Site and is fed to the desalination plant for first stage treatment, with a required production rate of approx. 1350m³/day. Recovery from the sea water is expected to be 40-45%. The salt water brine is pumped to an evaporation pond. A further polishing plant is used to treat the steam system and process condensate return prior to feeding into the water recirculation system.</p> <p>The Supply contract for the Water Package shall consist of the EPC scope for the water package. Process terminations will be supplied by others, but all interconnecting piping, steel and package equipment is part of the EPC scope. Bulk earthworks, concrete supply, flights and accommodation are not part of this Scope, and will be supplied by others.</p>
Contact:	Industry Capability Network of Western Australia – www.icnwa.org.au/ContactUs.asp
Close Date:	26 February 2019