

<b>PROJECT OVERVIEW</b>	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.
<b>PACKAGE TITLE:</b>	Centrifugal Pumps (API and ANSI)
<b>PACKAGE NO:</b>	P5411
<b>SCOPE:</b>	<p>P5411 package includes centrifugal horizontal, vertical CAN type and submersible pumps in Urea and Ammonia application, potable water, waste water and oily water systems, firefighting pumps, boiler feed water application and cooling water and sea water services. The pumps will be designed and fabricated per API, ANSI and manufacturer’s standard.</p> <p>Depending on application, the pumps materials of construction will cast iron, carbon steel, stainless steel and super duplex stainless steel.</p> <p>The pumps in Urea, Ammonia, oily water, waste water, potable water, cooling and seawater services are electric motor driven pumps, one (1) boiler feed water pump is steam turbine driven with estimated power of 3.5 MW and one (1) fire water pump is diesel engine driven with estimated power of 350 kW.</p> <p>Depends on the manufacturer, three (2+1) or four (3+1) sea water circulation pumps working in parallel (including a spare) will be used to transfer total flow rate of around 52,000 m<sup>3</sup>/h sea water and three (2+1) or four (3+1) fresh water circulation pump working in parallel (including a spare) will be used to transfer total flow rate of around 42,000 m<sup>3</sup>/h fresh water in cooling water services. Estimated total power required in cooling water services is 22 MW.</p> <p>The package will consist of around one hundred twenty three (123) pump packages (including pumps, drivers, coupling, lube oil system (if required), seal system (if required), spare parts and common baseplate for pumps and drivers.</p>
<b>Contact:</b>	Industry Capability Network of Western Australia – <a href="http://www.icnwa.org.au/ContactUs.asp">www.icnwa.org.au/ContactUs.asp</a>
<b>Project URL:</b>	
<b>Close Date:</b>	10/04/2019