

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:	P-5356																																																																					
Package No.:	CATALYST																																																																					
Scope:	<p>Catalyst are process internals required for equipments. Catalyst to be supplied by the VENDOR are listed in the Catalyst Summary as below:</p> <p>AMMONIA Area:</p> <table border="1"> <thead> <tr> <th>Reactor</th> <th>Service</th> <th>Catalyst type</th> <th>Catalyst size</th> <th>Catalyst Volume, m³</th> </tr> </thead> <tbody> <tr> <td>R 201</td> <td>Hydrogenator</td> <td>TK-261</td> <td>2.5 mm QL ext.</td> <td>31.9</td> </tr> <tr> <td>R 202 1/2</td> <td>Sulfur absorber</td> <td>HTZ-51</td> <td>4 mm ext.</td> <td>2 x 58.2</td> </tr> <tr> <td>R 203</td> <td>Prereformer</td> <td>AR-401</td> <td>11 x 6 mm pellets</td> <td>19.6</td> </tr> <tr> <td>R 204</td> <td>Autothermal reformer</td> <td>RKA-10</td> <td>35/16 x 27 mm</td> <td>3.6</td> </tr> <tr> <td>R 204</td> <td>Autothermal reformer</td> <td>RKS-2</td> <td>25/11 x 20 mm</td> <td>7.8</td> </tr> <tr> <td>R 204</td> <td>Autothermal reformer</td> <td>RKS-2-7H</td> <td>20 x 18 mm</td> <td>15.4</td> </tr> <tr> <td>R 205</td> <td>High temperature shift converter</td> <td>SK-501 FlexTM</td> <td>6 x 6 mm pellets</td> <td>80.7</td> </tr> <tr> <td>R 206</td> <td>Medium temperature shift converter</td> <td>LSK-2</td> <td>4.5 x 4.5 mm pellets</td> <td>7.4</td> </tr> <tr> <td>R 206</td> <td>Medium temperature shift converter</td> <td>LK-819</td> <td>4.5 x 3.4 mm pellets</td> <td>81.4</td> </tr> <tr> <td>R 501</td> <td>Ammonia converter</td> <td>KM1R</td> <td>1.5-3.0 mm</td> <td>17.1</td> </tr> <tr> <td>R 501</td> <td>Ammonia converter</td> <td>KM 111</td> <td>1.5-3.0 mm</td> <td>29.3</td> </tr> <tr> <td>R 501</td> <td>Ammonia converter</td> <td>KM 111</td> <td>1.5-3.0 mm</td> <td>85.2</td> </tr> </tbody> </table> <p>Listed suppliers:- No Information</p>					Reactor	Service	Catalyst type	Catalyst size	Catalyst Volume, m ³	R 201	Hydrogenator	TK-261	2.5 mm QL ext.	31.9	R 202 1/2	Sulfur absorber	HTZ-51	4 mm ext.	2 x 58.2	R 203	Prereformer	AR-401	11 x 6 mm pellets	19.6	R 204	Autothermal reformer	RKA-10	35/16 x 27 mm	3.6	R 204	Autothermal reformer	RKS-2	25/11 x 20 mm	7.8	R 204	Autothermal reformer	RKS-2-7H	20 x 18 mm	15.4	R 205	High temperature shift converter	SK-501 FlexTM	6 x 6 mm pellets	80.7	R 206	Medium temperature shift converter	LSK-2	4.5 x 4.5 mm pellets	7.4	R 206	Medium temperature shift converter	LK-819	4.5 x 3.4 mm pellets	81.4	R 501	Ammonia converter	KM1R	1.5-3.0 mm	17.1	R 501	Ammonia converter	KM 111	1.5-3.0 mm	29.3	R 501	Ammonia converter	KM 111	1.5-3.0 mm	85.2
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<p>Contact:</p> <p>Project URL:</p>	<p>Industry Capability Network of Western Australia – www.icnwa.org.au/ContactUs.asp</p>													
<p>Close Date:</p>	<p>23rd June, 2019</p>													