**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.

<table>
<thead>
<tr>
<th>PACKAGE TITLE:</th>
<th>Supply of Diesel Engine Generator</th>
</tr>
</thead>
<tbody>
<tr>
<td>PACKAGE NO:</td>
<td>P5481</td>
</tr>
<tr>
<td>SCOPE:</td>
<td>2 Nos of 6.6kV 4MW Diesel Engine Generator</td>
</tr>
</tbody>
</table>

The Generator set is a containerized unit, complete with all controls, batteries, starting systems, cooling systems for the continuous operation of the unit as a primary emergency power unit.

The diesel engine shall be heavy duty, multi-cylinder compression ignition type, turbocharged. The engine offered shall conform to ISO 3046 & ISO 8528. Engine shall be de-rated for site ambient conditions and altitude in accordance with ISO 8528.

The engine shall be equipped with a solid state governor module complete with magnetic speed pickup and the load, speed and starting acceleration control option.

The generator shall be of brushless excitation design, synchronous type, self-cooled with totally enclosed air-air or water cooled type enclosure and supplied complete with bearings, lubrication system and all necessary equipment. The generator shall conform to applicable sections of IEC 60034.

Materials of construction shall conform to the applicable ASTM or AISI standard except for those materials determined by the ASME Code.

**Contact:** Industry Capability Network of Western Australia – [www.icnwa.org.au/ContactUs.asp](http://www.icnwa.org.au/ContactUs.asp)

**Project URL:**

**Close Date:** 20th May 2019