

Scope of Work for ICN Gateway Scarborough Floating Production Unit

Package Name	Gas Turbine – Main Power Generator packages incl. Waste heater recovery Unit
Package Number	A50101/9B52001; A50102/9B52002; A50103/9B52003
Scope of Supply	<p>Three packages: Gas Turbine – Main Power Generator packages incl. WHRU with el. Output (each package) : 6800 kVA ; ca. 5400 kW ; 6600 V</p> <p>Each Package comprising: Gas Turbine Package Gearbox Generator Start System Fuel System Lubrication System Controls System Generator Control Enclosure incl. HVAC and Water Mist FF System Marinization Air Inlet System Exhaust System Accessory Equipment Waste Heat Recovery Unit (WHRU) All Skid mounted (WHRU will be separately mounted in the vicinity of GTG Skid)</p>
Specifications and Standards:	<ul style="list-style-type: none"> ▪ AS/NZ as applicable ▪ W1000SM8338406 Engineering Standard Rotating Equipment Design ▪ W1000SM5219233 Engineering Standard Gas Turbines (Amendments to API 616) ▪ W100SE011 Engineering Standard Electrical Equipment Synchronous AC Motors and Generators ▪ W1000SE005 Engineering Standard Electrical HV And LV Machines Cage Induction Types - Amendments to IEC 60034-1 and IEC 60034-14 ▪ W1000SE025 Engineering Standard Electrical Design ▪ W1000SM8253595 Piping Systems General Requirements ▪ W1000SJ072 Engineering Standard Instrument, Control and Electrical Requirements for Packaged Equipment Specifications ▪ W1000SF5568543 Engineering Standard: Human Factors Engineering ▪ W1000SM3124353 Pressure Vessels ▪ DNV-GL Rules for Classification ▪ Etc.
Minimum Scope of Work Requirements:	<ol style="list-style-type: none"> 1. Engineering Detailed Design and Procurement of Materials and Equipment. 2. Fabrication 3. Inspection & Testing 4. Documentation 5. Packing & Preservation Package 6. Proven Design 7. Offshore application. 8. Low/ Unmanned
Contact:	Industry Capability Network Western Australia (+61 8) 9365 7623 Name: Carla Peyton / Linus O'Brian Phone No.: T: (08) 9365 7543 / M: 0428 403 072 / (08) 9365 7556 E-mail: Carla.Peyton@icnwa.org.au / Linus.OBrien@icnwa.org.au Please Note: This is a request for specific expressions of interest, vendors and contractors will be considered for prequalification and / or tender if suitably qualified. For general expressions of interest please ensure you are registered with Industry Capability Network Western Australia.
URL	For more information about McDermott, please refer to the McDermott website https://www.mcdermott.com/
Closing Date:	06-Jun-2019

