

Scope of Work for ICN Gateway
Scarborough Floating Production Unit

Package Name	Flare Package
Package Number	R3868-MR-11217-01
Scope of Supply	<p>9F67101-HP Flare Tip 9F67201- LP Flare Tip A67001-Flare Ignition Package Later-Back up Ignition Package if applicable</p> <p><u>Package comprising:</u> Pilot flame detection per pilot Provision for temporary propane skid Complete Instrumentation, Wiring And Junction Boxes for remote operation of Flare package Material handling, lifting/removal provision for Flare package Detailed drawings with lifting points, and rigging instructions for installation/removal/re-installation actions for the flare tips. Such documentation will be provided per unit (HP/LP flare + Flare ignition package.) Surface Preparation And Painting Packing and Delivery Drawings and Documentation per SDR Pre-commissioning, Commissioning and Construction Spare Parts Special Tools for installation, commissioning /start-up, inspection and testing, maintenance and lifting, if any Participation at HAZOP, 3D- Model reviews, SIL reviews, Safety reviews, etc. as per project and authority requirements Authority and third party approval, including DNVGL classification certification as applicable</p> <p>Options Supervision of Installation and commissioning per diem basis One (1)-year of operational and maintenance spare parts Capital / Insurance Spare Parts (see chapter 5.1 and 17.0) Training (see chapter 24) Aftermarket Support Contract Options to be defined by Supplier for consideration by Company and Contractor Technical Improvements and Upgrades to address OEM field/fleet lessons learnt and OEM improvement programmes List of options and variations offered on the Standard Package Vendor “remote monitoring and diagnostics” technology. Quote for thermal (spectral analysis) camera system for Flame monitoring. Also supplier to recommend, if an alternative methodology needs to be adopted for flame monitoring.</p>
Specifications and Standards:	<ul style="list-style-type: none"> ▪ AS/NZ as applicable ▪ W0000MG4785296-Selection Acquisition and Review of Production Equipment Operating Inventory and Commissioning Spare Parts Guideline ▪ W1000SE001-Engineering Standard Electrical, Instrument and Communications Cables and Accessories ▪ W1000SE001-Engineering Standard Electrical, Instrument and Communications Cables and Accessories ▪ W1000SP017-Engineering Standard Hazardous Area Classification

	<ul style="list-style-type: none"> ▪ W1000SE020-Engineering Standard Electrical Installation ▪ W1000SE025-Engineering Standard Electrical Design ▪ W1000SE0290001-Engineering Standard Hazardous Area Electrical Equipment Selection Installation Inspection and Maintenance ▪ W1000SE0290002-Inspection of Electrical Equipment in Hazardous Areas, Procedure ▪ W1000SE164592-Engineering Standard Hazardous Area Equipment (EEHA) Competency Requirements ▪ W1000UE7105725-I99 Hazardous Area Electrical Equipment Inspection Sheet ▪ W1000SF5669149-Engineering Standard Control and Mitigation of Fires and Explosions on Offshore Production Installations (Amendments to ISO 13702) ▪ W1000SJ072-Engineering Standard Instrument, Control and Electrical Requirements for Packaged Equipment Specification ▪ W1000SJ025-Engineering Standard Instruments for Measurement and Control ▪ W1000SJ5378900-Engineering Standard Management Of Alarm Systems - Amendments To ANSI ISA 18.2 ▪ W1000SL8107502-Engineering Standard Positive Material Identification ▪ W1000SL8805574-Engineering Standard Equipment Preservation ▪ W1000SM002-Engineering Standard Protective Coating Systems - Amendments to NORSOK M – 501 ▪ W1000SM5489568-Engineering Standard Machinery Installation and Installation Design (Amendments to API RP 686) ▪ W1000SF5593268-Engineering Standard Noise Management Requirements (Amendments to ISO 15664) ▪ W1000SQ002-Engineering Standard; Certification, Traceability and Identification Requirements for Engineering Products ▪ R3868-000-ME-SP-00003 Specification for Painting and Coating ▪ R3868-000-ME-SP-00002 Mechanical Specification for Package Units ▪ W1000SP8738900-Engineering Standard Pressure Relief, Emergency Depressuring, Flare And Vent Systems ▪ R3868-000-EL-SP-00001 Electrical Requirements for Packaged Units ▪ R3868-000-IC-SP-00005 Alarm Management Philosophy / Plan ▪ R3868-000-IC-SP-00006 General Instrument Specifications for Package Units ▪ R3868-000-IC-SP-00008 Electrical and Instrumentation Interface Specification ▪ DNV-GL Rules for Classification & Flagging (as required) Etc.
<p>Minimum Scope of Work Requirements:</p>	<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
<p>Contact:</p>	<p>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</p> <p>Please Note:</p> <ul style="list-style-type: none"> ▪ 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.
<p>URL</p>	<p>For more information about McDermott, please refer to the McDermott website https://www.mcdermott.com/</p>
<p>Closing Date:</p>	<p>13 Feb 2020</p>