

Scope of Work for ICN Gateway Scarborough Floating Production Unit

Package Name	FF Equipment (Hydrants, Deluge Valves, FM200 etc.)																																																																											
Package Number	SA7000RF1000001																																																																											
Scope of Supply	<p>The design and engineering, calculations, fabrication, assembly, shop inspection and testing, supply of documentation, preservation and preparation for shipment of the following equipment:</p> <ol style="list-style-type: none"> 1. Deluge valve skids (4 nos.) 2. Water curtain and attenuation spar nozzles (lot) 3. Gaseous fire suppression system skids (4.nos) 4. Two way hydrants (Lot) 5. Portable powder extinguishers (Lot) 6. Portable carbon dioxide extinguishers (lot) 7. Cabinet for fire fighting items (6.nos) 																																																																											
Specifications and Standards:		<p>Woodside Specifications:</p> <table border="1"> <tr> <td>A9000PG7788396</td> <td>Factory Acceptance Testing Procedure</td> </tr> <tr> <td>W0000MG4785296</td> <td>Selection Acquisition and Review of Production Equipment Operating Inventory Commissioning Spare Parts Guideline</td> </tr> <tr> <td>W1000FG56660861</td> <td>Engineering Data Record Templates</td> </tr> <tr> <td>W1000MF9545209</td> <td>Engineering Standard Guideline Human Factors Engineering</td> </tr> <tr> <td>W1000MG130110</td> <td>Inspection And Function Test Records Procedure</td> </tr> <tr> <td>W1000MH10219324</td> <td>Engineering Standard Guideline Environment in Design</td> </tr> <tr> <td>W1000SE001</td> <td>Engineering Standard Electrical, Instrument and Communications Cables and Accessories</td> </tr> <tr> <td>W1000SE020</td> <td>Engineering Standard Electrical Installation</td> </tr> <tr> <td>W1000SE025</td> <td>Engineering Standard Electrical Design</td> </tr> <tr> <td>W1000SE028</td> <td>Engineering Standard Hazardous Area Equipment Verification Dossier</td> </tr> <tr> <td>W1000SE0290001</td> <td>Engineering Standard Hazardous Area Electrical Equipment Selection Installation Inspection and Maintenance</td> </tr> <tr> <td>W1000SE0290002</td> <td>Inspection of Electrical Equipment in Hazardous Areas, Procedure</td> </tr> <tr> <td>W1000SE164592</td> <td>Engineering Standard Hazardous Area Equipment (EEHA) Competency Requirements</td> </tr> <tr> <td>W1000SF005</td> <td>Engineering Standard Portable Fire Fighting, Life Supporting and Life Saving Equipment</td> </tr> <tr> <td>W1000SF008</td> <td>Engineering Standard Instruments Fire, Gas and Smoke Detection System</td> </tr> <tr> <td>W1000SF5568513</td> <td>Engineering Standard Safety in Design</td> </tr> <tr> <td>W1000SF5568543</td> <td>Engineering Standard Human Factors in Design</td> </tr> <tr> <td>W1000SF5593268</td> <td>Engineering Standard: Noise Management Requirements (Amendments to ISO 15664)</td> </tr> <tr> <td>W1000SF5669149</td> <td>Engineering Standard Control And Mitigation Of Fires And Explosions On Offshore Production Installations (Amendments To ISO 13702)</td> </tr> <tr> <td>W1000SG5440604</td> <td>SPIR Form Completion Guideline</td> </tr> <tr> <td>W1000SG8676422</td> <td>Engineering Standard Lifting Equipment</td> </tr> <tr> <td>W1000SG9110175</td> <td>Engineering Standard Tag Naming Convention</td> </tr> <tr> <td>W1000SH8033902</td> <td>Environment Engineering Standard</td> </tr> <tr> <td>W1000SJ002</td> <td>Engineering standard safety Instrumented Systems-Amendment to IEC 61511-1)</td> </tr> <tr> <td>W1000SJ005</td> <td>Engineering Standard Actuator ON-OFF Valves (AMENDMENTS TO ISO 12490)</td> </tr> <tr> <td>W1000SJ010</td> <td>Engineering Standard Instrument Installation</td> </tr> <tr> <td>W1000SJ025</td> <td>Engineering Standard Instruments for Measurement and Control</td> </tr> <tr> <td>W1000SJ050</td> <td>Engineering Standard Pressure Relief Devices</td> </tr> <tr> <td>W1000SJ072</td> <td>Engineering Standard Instrument, Control and Electrical Requirements for Packaged Equipment Specifications</td> </tr> <tr> <td>W1000SJ5378900</td> <td>Engineering Standard Management Of Alarm Systems - 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W1000SM3124353	Engineering Standard: Pressure Vessel
W1000SM3131997	Engineering Standard: Piping Flange Bolting
W1000SM3132441	Engineering Standard Thermal and Acoustic Insulation
W1000SM3267221	Engineering Standard: Supply of Valves
W1000SM5234504	Welding Management
W1000SM5234522	Engineering Standard Piping Systems Specification Compilation
W1000SM7129624	Engineering Standard Piping Details
W1000SM8253595	Piping Systems General Requirements
W1000SM9099854	Engineering Standard: Piping Material Specification Offshore
W1000SM9633227	Maintenance Build Procedure
W1000SP017	Engineering Standard Hazardous Area Classification
W1000SP3179994	Engineering Standard Pressure Relief Devices Selection, Sizing And Process Requirements
W1000SP8714776	Engineering Standard Piping Process Design Requirements
W1000SP8738900	Engineering Standard Pressure Relief, Emergency De-pressuring, Flare And Vent System
W1000SP8739040	Engineering Standard Process Flow Diagrams And Piping And Instrumentation Diagrams
W1000SQ8474523	Engineering Standard Quality Requirements for Supply of products and Services
W1000SQ002	Engineering Standard Certification, Traceability and Identification Requirements for Engineering Products
W1000SS8108463	Engineering Standard Offshore Structures Weight Control (Amendments to ISO 19901-5)
W1000SX3215141	Engineering Standard Piping Fabrication, Installation, Erection and Testing
W1000SX3215459	Engineering Standard Pressure Relief Devices Recertification Maintenance Inspection and Testing
W1000UE7105725	I99 Hazardous Area Electrical Equipment Inspection Sheet
WM0000MF9917149	Engineering Standard: Human Factors Engineering in Projects Guideline
WM0000MG10678350	SAP PMRC Development Guideline
WM0000MG1400295276	Bill of Materials Procedure
WM0000MG1400443137	Project Preservation Guideline
WM0000MG95999934	Start Up Excellence Guide
WM1000MG9772219	CAD 2D Drawing Convention
	Project Specification
R3868-PT-PR-000008	Packing, Marking, Preservation and Shipping Procedure
SA8800SM0000019	Specification for 3D Modeling
R3868-QS-SP-00002	Supplier Survey Form
SA0000RR0000003	Reliability Centred Maintenance Analysis (Reference (Clause 5.3)
SA0000PG0000006	Project Tag Numbering Specification
SA90000SS0000003	Weight Control Specification
SA0000SM0000046	Addendum to Engineering Standard Piping Systems General Requirement (W1000SM8253595)
SA0000SQ0000003	Certification & Regulatory Compliance Specification for Supply of Products & Services
SA0000SQ0000001	Quality Specification for Supply of Products and Services
SA0000PG0000006	Project Tag numbering Specification
SA0005RF0000037	Design Accidental Load Specification
SA0005SF0000003	Human Factors Engineering Specification
SA0005SF0000005	Health, Safety and Environmental (HSE) specification for Supply of Fabrication Service
SA0005AF0000009	F&G Detection Philosophy
SA0005AF0000011	ESD Shutdown Philosophy
SA8500SJ0000001	Cabinet Design Specification
SA8800RM0000004	Material Handling Philosophy
SA8800SL0000001	Specification for Painting and Coating
SA8800SL0000002	Specification for Thermal and Acoustic Insulation
SA8800SL0000003	Welding Specification – Pressure Vessels
SA8800SM0000016	Mechanical Specification for Packaged Units
SA8800SM0000017	Specification for Piping Design
SA8800SM0000021	Offshore Piping Material Specification

SA8800SM0000022	Specification for Valves
SA8800SM0000024	Specification for Equipment Nozzle Loads
SA8820SE0000005	Electrical Requirements for Packaged Equipment
SA8830AP0000001	Isolation and Valving Philosophy
SA8830KP0000003	Site and Utility Data
SA8840SL0000001	Welding Specification – Pressure Piping
SA8840SL0000002	PMI Specification
SA8850AJ0000003	Tubing and Fitting Management Plan
SA8850AJ0000004	Alarm Management Philosophy
SA8850DJ0001.0001	Typical Wiring and Termination Diagrams
SA8850DJ0003.0001	Typical Pneumatic Hook ups
SA8850SJ0000009	General Instrument specification for Package Units
SA8850SJ0000011	Electrical and Instrumentation Interface Specification
SA8850SJ0000012	Piping and Instrumentation Interface Specification
SA8600AJ0000002	FGS Functional Design Specification
SA9000SS0000001	Specification: Structural Requirement to Packaged Equipment
SA9000SS0000005	Specification: Structural Design
SA9000SS00000011	Penetration Dossier (Typical)
SA9000SS00000017	Specification Weight Control
	Australian Standards
AS-NZS 1841.1	Portable Fire Extinguisher
AS-NZS 1841.5	Portable Fire Extinguisher Part 6: Specific requirements for Carbon Dioxide type extinguishers
AS-NZS 1841.6	Portable Fire Extinguisher Part 6: Specific requirements for Carbon Dioxide type extinguishers
AS-NZS 1850	Portable Fire Extinguishers-Classification, rating and performance testing
AS-2444	Portable Fire Extinguishers and Fire Blankets-Selection and Location
	DNVGL
DNVGL-OS-D301	Fire Protection
	NORSOK
M-501	Surface Preparation and Protective Coating
R-002	Lifting Equipment
	National Fire Protection Association
NFPA 13	Standard for the Installation of Sprinkler Systems
NFPA 15	Standard for Water Spray Fixed Systems for Fire Protection
NFPA 25	Standard for the Inspection, Testing, and Maintenance of Water-Based Fire Protection Systems
NFPA 2001	Standard on Clean Agent Fire Extinguishing Systems)
NFPA 17	Standard for Dry Chemical Extinguishing Systems
	International Organization of Standardization (ISO)
ISO 19901-5	Weight Control During Engineering and Construction
ISO 21457	Petroleum, Petrochemical and Natural Gas Industries - Materials Selection and Corrosion Control for Oil and Gas Production Systems
ISO 13702	Petroleum and Natural Gas Industries – Control and Mitigation of Fires and Explosions on Offshore Production Installation – Requirements and Guidelines.
ISO 15544	Offshore Production Installations - Requirements and Guidelines for Emergency Response
ISO 12944-3	Paints and Varnishes - Corrosion Protection of Steel Structures by Protective Paint Systems - Part 3: Design Considerations - First Edition
EN 10204 / ISO 10474	Metallic Products – Types of Inspection Documents /Steel and Steel Products – Inspection Documents

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:	<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.
URL	For more information about McDermott , please refer to the McDermott website https://www.mcdermott.com/
Closing Date:	1st March 2020