

Scope of Work for ICN Gateway Scarborough Floating Production Unit

Package Name	Gate Globe Check Valves (0.5" to 24" and CL150 to CL2500)																																
Package Number	SA8840RM1000005/06/07/08																																
Scope of Supply	<ul style="list-style-type: none"> • Gate Valve:- <ul style="list-style-type: none"> ▪ Carbon Steel (0.5" to 24") : 44 qty. ▪ Low Temperature Carbon Steel (0.5" to 24") : 5 qty. ▪ Low temperature (3.5 % Ni) Alloy Steels (0.5" to 24") : 5 qty. ▪ Stainless Steel (0.5" to 24") : 6 qty. ▪ Duplex Stainless Steel (0.5" to 24") : 5 qty. ▪ Super Duplex Stainless Steel (0.5" to 24") : 5 qty. ▪ Super Austenitic Stainless Steel Type 6Mo UNS S31254 (0.5" to 24") : 5 qty. ▪ Nickel Aluminium Bronze (0.5" to 24") : 5 qty. ▪ Titanium (0.5" to 4") : 5 qty. ▪ Copper Nickel (0.5" to 1.5") : 5 qty. • Globe Valve <ul style="list-style-type: none"> ▪ Carbon Steel (0.5" to 8") : 5 qty. ▪ Low Temperature Carbon Steel (0.5" to 8") : 24 qty. ▪ Low temperature (3.5 % Ni) Alloy Steels (0.5" to 8") : 5 qty. ▪ Stainless Steel (0.5" to 8") : 26 qty. ▪ Duplex Stainless Steel (0.5" to 8") : 11 qty. ▪ Super Duplex Stainless Steel (0.5" to 8") : 5 qty. ▪ Super Austenitic Stainless Steel Type 6Mo UNS S31254 (0.5" to 8") : 5 qty. ▪ Nickel Aluminium Bronze (0.5" to 8") : 5 qty. ▪ Titanium (0.5" to 4") : 5 qty. ▪ Copper Nickel (0.5" to 1.5") : 5 qty. • Check Valve <ul style="list-style-type: none"> ▪ Carbon Steel (0.5" to 24") : 11 qty. ▪ Low Temperature Carbon Steel (0.5" to 24") : 57 qty. ▪ Low temperature (3.5 % Ni) Alloy Steels (0.5" to 24") : 18 qty. ▪ Stainless Steel (0.5" to 24") : 84 qty. ▪ Duplex Stainless Steel (0.5" to 24") : 51 qty. ▪ Super Duplex Stainless Steel (0.5" to 24") : 39 qty. ▪ Super Austenitic Stainless Steel Type 6Mo UNS S31254 (0.5" to 24") : 5 qty. ▪ Nickel Aluminium Bronze (0.5" to 24") : 5 qty. ▪ Titanium (0.5" to 4") : 7 qty. ▪ Copper Nickel (0.5" to 24") : 71 qty. 																																
Specifications and Standards:	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Document Number</th> <th style="text-align: left;">Title</th> <th style="text-align: left;">Rev.</th> </tr> </thead> <tbody> <tr> <td></td> <td>Woodside Specifications:</td> <td></td> </tr> <tr> <td>W1000SM8253 595</td> <td>Engineering Standard Piping Systems General Requirements</td> <td>1</td> </tr> <tr> <td>W1000SM9099 854</td> <td>Engineering Standard Piping Material Specification Offshore</td> <td>1</td> </tr> <tr> <td>W1000SQ002</td> <td>Engineering Standard Certification, Traceability And Identification Requirements For Engineering Products</td> <td>7</td> </tr> <tr> <td>W1000SL001</td> <td>Engineering Standard Materials Selection And Corrosion Control (Amendments To ISO 21457, ISO 13628-1 And ISO 17348)</td> <td>5</td> </tr> <tr> <td>W1000SM5234 504</td> <td>Engineering Standard Welding Management</td> <td>2</td> </tr> <tr> <td>W1000SL8512 367</td> <td>Engineering Standard Pressure Equipment Materials (IOGP S-563 Piping Material Specification)</td> <td>2</td> </tr> <tr> <td>W1000SM002</td> <td>Engineering Standard Protective Coating Systems – Amendments to Norsok M-501</td> <td>8</td> </tr> <tr> <td>W1000SK8627</td> <td>Engineering Standard Supplier Documentation</td> <td>2</td> </tr> </tbody> </table>			Document Number	Title	Rev.		Woodside Specifications:		W1000SM8253 595	Engineering Standard Piping Systems General Requirements	1	W1000SM9099 854	Engineering Standard Piping Material Specification Offshore	1	W1000SQ002	Engineering Standard Certification, Traceability And Identification Requirements For Engineering Products	7	W1000SL001	Engineering Standard Materials Selection And Corrosion Control (Amendments To ISO 21457, ISO 13628-1 And ISO 17348)	5	W1000SM5234 504	Engineering Standard Welding Management	2	W1000SL8512 367	Engineering Standard Pressure Equipment Materials (IOGP S-563 Piping Material Specification)	2	W1000SM002	Engineering Standard Protective Coating Systems – Amendments to Norsok M-501	8	W1000SK8627	Engineering Standard Supplier Documentation	2
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655	Requirements		
W1000SQ8474 523	Engineering Standard Quality Requirement For Supply Of Product and Services	4	
W1000SM3267 221	Engineering Standard Supply of Valves	7	
W1000SM030	Engineering Standard Bolts, Stud Bolts And Nuts - Pressure Equipment And Structural Applications	6	
	Project Specifications:		
SA0000SR000 0001	Specification for Operations Readiness for SELLERS	1	
SA0000SM000 0046	Addendum to Engineering Standard Piping Systems General Requirement (W1000SM8253595)	1	
SA8800SM000 0022	Specification for Valves	1	
SA8800SM000 0021	Offshore Piping Material Specification	1	
SA8800SL0000 001	Specification for Painting and Coating	2	
SA8840SL0000 001	Welding Specification – Pressure Piping	1B	
SA0000SM000 0047	Technical Instruction to Bidders/Supplier of Piping Components	C	
SA0000SQ000 0001	Quality Specification for Supply of Products and Services	2	
SA8840SL0000 002	PMI Specification	1B	
	Regulatory and Certifications:		
SA0000SQ000 0003	Certification & Regulatory Compliance Specification for Supply of Products & Services (If applicable)	5	
	International Codes and Standards		
API 600	Steel Gate Valves—Flanged and Butt-welding Ends, Bolted Bonnets	Latest	
API 602	Gate, Globe, and Check Valves for Sizes DN 100 (NPS 4) and Smaller for the Petroleum and Natural Gas Industries	Latest	
API 603	Corrosion-resistant, Bolted Bonnet Gate Valves—Flanged and Butt-welding Ends	Latest	
ASME B31.3	Process Piping	2016	
ASME B16.34	Valves – Flanged, Threaded and Welding End	Latest	
API 598	Valve Inspection and Testing	Latest	
API 594	Check Valves: Flanged, Lug, Wafer and Butt-welding	Latest	
NORSOK M-501	Surface Preparation and Protective Coating	Latest	
BS 1873	Specification for Steel Globe and Globe Stop and Check Valves (Flanged and Butt-Welding Ends) for the Petroleum, Petrochemical and Allied Industries	Latest	
IOGP-563	Material Data Sheets for Piping and Valve Components.	Dec. 2018	
IOGP S-611	Supplementary Requirements to API 600 Steel Gate Valves and to API 603 CRA Gate Valves	May 2019	
IOGP Link	http://www.iogp.org/bookstore/product/piping-material-specification		
	Australian Standards		
	-		
	DNVGL		
DNVGL-OS-A101	Safety principles and arrangements	Jul 2018	
DNVGL-OS-	Metallic Materials	Jul	

	B101		2018	
	DNVGL-OS-D101	Marine and machinery systems and equipment	Jan 2018	
		Quality Requirements		
	W1000SE164592	Engineering Standard Hazardous Area Equipment (EEHA) Competency Requirements	4	
	W1000SQ002	Engineering Standard Certification, Traceability and Identification Requirements for Engineering Products	7	
	W1000SM002	Engineering Standards Protective Coatings (Amendments to NORSOK M-501)	8	
	W1000SL8107502	Engineering Standard Positive Material Identification (If applicable)	1	
	SA8840SL0000002	PMI Specification	2	
	W1000SK8627655	Engineering Standard Supplier Documentation Requirements	2	
	W1000SG8676422	Engineering Standard Lifting Equipment.	2	
	W1000SQ8474523	Quality Requirements for supply of products and services	4	
	SA0000SQ0000001	Quality Specification for Supply of Products and Services	2	
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.Chilvers@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:	29-Oct-21			