

Scope of Work for ICN Gateway Scarborough Floating Production Unit

Package Name	Jacketed Spiral Strand Wire		
Package Number	194596-H001-4MBB-28002		
Scope of Supply	Item No.	Quantity	Description
	1	20	Jacketed Spiral Strand Wire Rope, Minimum Breaking Load of 23,211 kN, ~980 m length
	2	20	Storage, Transportation and Installation reels in accordance with technical specification and datasheet
	3	20	Lower lift rigging sets attached to storage, transportation, and installation reels in accordance with technical specification and datasheet
	4	3	Upper lift rigging set in accordance with technical specification and datasheet
	5	3	Spreader bars in accordance with technical specification and datasheet
	6	1 lot	Test sockets in accordance with technical specification and datasheet
	7	1 lot	Spare parts
	8	1 lot	Special Tools
	9	1 lot	Preservation and packaging for shipping items, 1-8
	10	1 lot	Documentation
Specifications and Standards:	Document Number	Title	Rev.
		Key Project Specifications	
	SA1920SS0000003	FPU HULL – SPECIFICATION – Jacketed Spiral Strand Wire Rope	1B
		American Society of Non-Destructive Testing	
	SNT-TC-1A	American Society for Non-destructive testing – Recommended Practice	2016
		American Society of Testing Materials	
	ASTM A29	Standard Specification for General Requirements for Steel Bars, Carbon and Alloy, Hot-Wrought	2016
	ASTM A275	Standard Practice for Magnetic Particle Examination of Steel forgings	2018
	ASTM A388	Standard Practice for Ultrasonic Particle Examination of Steel forgings	2019
	ASTM A487M	Specification for Steel Casting suitable for pressure Service	2014
	ASTM A586	Zinc Coated Parallel and Helical Structural Strand and Zinc Coated Wire for Spun-in-Place Structural Strand	2018
	ASTM D1248	Standard Specification for Polyethylene Plastics Moulding and Extrusion Materials	
	ASTM E112	Standard Test Methods for Determining Average Grain Size	
	ASTM E709	Standard Guide for Magnetic Particle Testing	2015
		DNVGL Classification	
	DNVGL-ST-N001	Marine operations and marine warranty	2018
	DNVGL-OS-E301	Position mooring	2018
	DNVGL-OS-E302	Offshore mooring chain	2018
DNVGL-OS-E304	Offshore mooring steel wire ropes	2015	
DNVGL-CP-0255	Wire Ropes	2018	

		EN	
	EN 59	Method of testing plastics	2016
	EN 683-1	Heat-treatable steels, alloy steels and free-cutting steels - Part 1: Non-alloy steels for quenching and tempering	2018
	EN 1179	Zinc and zinc alloys – Primary zinc	2003
	EN 10088-2	Stainless Steels – Part 2: “Technical Delivery Conditions for Sheet/Plate and Strip of corrosion resistant steels for general purposes”.	2014
	EN 10204	Metallic Products – Types of Inspection Documents	2004
	EN 10218	Steel Wire and Wire products – General: Part 1 “Test Methods”	2012
	EN 10228-1/3	Non-destructive testing of Steel Forgings	2016
	EN 10264-2	Steel wire and wire products – Steel wire for ropes – Part 2: Cold drawn non alloyed steel wire for ropes for general applications	2012
	EN 10264-3	Steel wire and wire products – Steel wire for ropes – Part 3: “Round and shaped non alloyed wire for high duty applications”.	2012
	EN 12385-10	Steel wire ropes – Safety – Part 10: “Spiral ropes for general structural applications”	2004
	EN 16120-4	Non-alloy steel wire rod for conversion to wire. Specific requirements for wire rod for special applications	2017
		ISO	
	ISO 604	Plastics – Determination of compressive properties	2002
	ISO 2232	Round drawn wire for general purpose non-alloy steel wire ropes and for large diameter steel wire ropes - Specifications	1990
	ISO 3108	Steel wire rope for general purposes – determination of actual breaking load	2017
	ISO 4346	Steel wire ropes for general purposes – Lubricants – basic requirements	1977
	ISO 9000	Quality Management Systems – Fundamentals and Vocabulary	2015
	ISO 9001	Quality Management Systems – Requirements	2015
	ISO 9712	Non-destructive testing – Qualification and certification of NDT personnel	2012
	ISO 16120-4	Non alloyed steel wire rod for conversion to wire: Part 4 “Specific requirements for wire rod for special applications”	2017
	ISO 17558	Socketing procedures for wire ropes – resin socketing	2006
	ISO 17893	Steel wire ropes – Vocabulary, designation and classification	2004
	ISO 19901-5	Weight control during engineering and construction	2016
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.O'Brien@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:	4 th May 2020		