

Scope of Work for ICN Gateway Scarborough Floating Production Unit

Package Name	FREE FALL LIFE BOATS
Package Number	R3973-MR-11429-01
Scope of Supply	<ul style="list-style-type: none"> • 2 EA Free Fall Life Boats (FFLB) including: • Diesel engine (Electric lifeboat motor (OPTION)) • Propeller propulsion system • Fuel tank • Fixed VHF Marine Radio (Dual IMO channel + Private Channel, SOLAS) • AIS / GPS System • SART equipment • EPIRB equipment • Hydraulic release system • Electrohydraulic steering system • Air System (compressed air cylinders) • External Water spray system • Portable fire extinguisher • 2 EA FFLB Launching cradle (excluding Trolley Winch) including: • Structural steel frame Service platform • Evacuation platform • Grating, ladders, railing etc. • Swing protection (east side) for Free fall Lifeboat • 1 EA FFLB Transport Cradle (DNVGL 2.7-3 certified) with dedicated lifting set • 1 EA Lifting Rigging set (to handle free fall lifeboat from the inclined to horizontal position) • 1 lot 2 – Year Spare parts (OPTION)
Specifications and Standards:	<ul style="list-style-type: none"> • IMO SOLAS International Maritime Organization - Safety of life at Sea 2009 Consolidated edition (and all amendments as 01/01/2014) • IMO LSA International Maritime Organisation - Life-Saving Appliance (LSA) Code 1996, amended in 2017. • DNVGL-ST-E406 Design of free fall lifeboats • DNVGL-ST-E273 Portable Offshore units • DNVGL-ST-E271 Offshore containers <p style="text-align: center;">International Organization of Standardization (ISO)</p> <ul style="list-style-type: none"> • ISO 19902 Petroleum and Natural Gas Industries - Fixed Steel Offshore Structures AMENDMENT 1 1st Edition, 2013 • ISO 19901-5 Weight Control During Engineering and Construction 2nd Edition, 2016 • ISO 12944-2 Paints and varnishes — Corrosion protection of steel structures by protective paint systems 2018 • ISO 2063-1 Thermal spraying – Zinc, aluminium and their alloys – Part 1 Design Considerations and quality requirements 2017 • ISO 2063-2 ISO 2063-2 Thermal spraying – Zinc, aluminium and their alloys – Part 2 Execution of corrosion protection systems 2017 • ISO 14918 Thermal Spraying – Qualification testing of thermal sprayers 2018 • ISO 21457 Materials Selection and Corrosion for Oil and Gas Production Systems 2010 • ISO 13702 Petroleum and Natural Gas Industries - Control and Mitigation of Fires and Explosions on Offshore Production Installations – Requirements and Guidelines 2015 • ISO 7010 Graphical symbols - Safety colours and safety signs - Registered safety Signs • ISO 30061 Emergency lighting

	<p>NORSOK</p> <ul style="list-style-type: none"> • M-501 Surface Preparation And Protective Coating 6th Edition, Feb. 2012 • R-002 Lifting Equipment 2017 <p>International Electrotechnical Commission (IEC)</p> <ul style="list-style-type: none"> • IEC 60034 Rotating Electrical Machines • IEC 60079-0 Explosive atmospheres - Equipment - General requirements • IEC 61000-3-2 Electromagnetic compatibility (EMC) - Part 3-2: Limits - Limits for harmonic current emissions (equipment input current ≤ 16 A per phase) <p>Australian standards</p> <ul style="list-style-type: none"> • AMSA Marine Order AMSA MO 21 & MO 25 • AS/NZS 60079-1 Explosive atmospheres - Part 1: Equipment protection by flameproof enclosures 'd' • AS/NZS 60079-7 Explosive atmospheres - Part 7: Equipment protection by increased safety 'e' • AS/NZS 60079-10.1 Explosive atmospheres Part 10.1: Classification of areas - Explosive gas atmospheres • AS/NZS 60079-14 Explosive atmospheres - Part 14: Design selection, erection and initial inspection • AS/NZS 60079-15 Explosive atmospheres - Part 15: Equipment protection by type of protection 'n' • AS/NZS 60079-17 Explosive atmospheres - Part 17: Electrical installations inspection and maintenance • AS/NZS 1841 Portable Fire Extinguishers • AS/NZS 1850 Portable Fire Extinguishers – Classification, Rating and Performance Testing • Greenhouse and Energy Minimum Standards Act 2012 • Greenhouse and Energy Minimum Standards (Three Phase Cage Induction Motors) Determination 2018
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	<p>For more information about McDermott, please refer to the McDermott website https://www.mcdermott.com/</p>
Closing Date:	<p>March 9, 2020</p>