

Job Description

Job Role:	Sr. Controls, Instrumentation and Telecommunications Engineer	
Job Level:	Work Location:	Department:
TBC	Ho Chi Minh City, Vietnam	Engineering
Purpose of Role:	<ul style="list-style-type: none"> • The first port of call for any specific technical knowledge on Controls Systems, Instrumentation and Telecommunications systems within the field • The role is a Senior Engineer and acting Technical Authority for Controls, Instrumentation and Telecoms [CIT] for the Block 12W field facilities: FPSO and WHP • Authorized to and shall act as the representative of the gas supplier. 	
Major Accident Event (MAE)/ Major Accident to the Environment (MATTE) and Health, Safety and Environment (HSE) Critical Responsibilities:	<ul style="list-style-type: none"> • Participate in Management of Change Reviews [sign-off for CIT discipline] and to own the Safety Critical Elements and corresponding Performance Standards and generic maintenance strategies relating to CIT Equipment • Owner of the CIT oriented Safety Critical Elements, responsible for investigating and progressing any anomalies, non-conformances identified by the Independent Verification Body [IVB] and for updating any Performance Standards as required • Ensure that all activities related to instrument and control are carried out in a safe manner complying with all regulatory requirements, legislation and Company HSEQ procedures 	
Areas of Responsibility Competence Level:	<ul style="list-style-type: none"> • Manage discrete pieces of work [in some cases performed by other consultants / engineering houses] including small modifications, additions to the facilities and larger scale projects • Technically manage the sales gas metering facilities on the FPSO and interface with the operator and other shippers as required. To resolve mismeasurements and oversee Accuracy Verification Tests and other such interface issues with the pipeline operator or gas buyer • Ensure the provision of competent CIT engineering technical support across the Block 12W field. Provide expert technical advice to offshore, projects and onshore operations support teams as required • Ensure that the safest and most cost effective maintenance/operations methods are utilised, while minimising any loss of production revenue • Develop processes to improve how breakdown maintenance is managed with respect to: <ul style="list-style-type: none"> ○ Root Cause Analysis [RCA] where required ○ Application of the Computerised Maintenance Management System [Maisy] to manage spare parts / services procurement ○ Reviewing / updating maintenance activities to prevent recurrence of failures • Ensure that Company standards, guidelines and process are applied or, where required, develop such specific standards. Similarly, introduce wider industry learning and best practices to Company, where appropriate 	

Job Description

	<ul style="list-style-type: none"> ● Ensure that effective Management of Change [MoC] for the CIT discipline is applied in accordance with the Company MoC procedure ● Provide guidance, mentoring and training of personnel as required and specifically supervise and manage the Instrument & Control Engineer with the following responsibilities: <ul style="list-style-type: none"> ○ Ensure all reports have clear role definition, KPIs and delegation of accountabilities ○ Ensure reasonable workload is assigned to all reports ○ Be a role model in personal safety leadership ○ Support coaching and development of reports ● Ensure that the operation of Company offshore production and utility systems is in accordance with company, regulatory and international standards and policies ● Oversee the operation of the sales gas metering facilities on the FPSO and be responsible for resolving all interfaces regarding this system with the FPSO, auditing company, Operator, Shippers and gas Buyer ● Define/review/approval of technical scopes for 3rd party contractors/consultancies to undertake engineering of proposed upgrades and evaluation of proposals ● Ensure that all critical CIT documentation relating to the field facilities are current and updated ● Fulfil the Contract Owner role on assigned contract(s). Performance manage the contract throughout contract lifecycle (strategy, tender, award, execution, close out) and work with the contractor to ensure the relevant contracts are performed against the contractual obligations and expectations; including cost, quality and schedule
<p>Critical Skills*, Qualifications, Experience, etc.: (* Indicate either preferred or essential)</p>	<p><u>Qualifications:</u></p> <ul style="list-style-type: none"> ● Degree qualified in a related engineering discipline <p><u>Skills/Experience:</u></p> <ul style="list-style-type: none"> ● Anticipated to have more than ten (10) year experience as a CI Engineer ● Minimum five (5) year experience of offshore facilities – preferably experience in engineering office, construction / commissioning and offshore location ● Microsoft Excel and Word mandatory ● Certified FS Engineer - Safety Instrumented Systems <ul style="list-style-type: none"> ○ Relevant experience of: ○ Conceptual and Detail design of instrumented control, safeguarding and fire and gas systems ○ Operational aspects of C&I, specifically DCS/PCS, PSD, F&G systems ○ Sub-contractor/vendor management ○ Commissioning/start-up activities associate with hydrocarbon equipment and plant ● Participation/representation (as client) in HAZOP's, HAZID's, SIL Assessments, etc. ● Awareness of budgetary control ● Working within multi-discipline teams ● WHP and FPSO operations ● Very good conversational and technical English (written and spoken)

	<p><u>Knowledge (e.g. systems, software, procedures, regulations):</u></p> <ul style="list-style-type: none"> • Comprehensive understanding of reporting and controls requirements in the offshore industry • Demonstrable knowledge and understanding of relevant industry codes, standards and guidelines, including but not limited to: <ul style="list-style-type: none"> ○ IEC61508/61511 ○ IEC/EN 60079 ○ EN 54 ○ EMMUA 191 ○ API RP551 & 554 ○ ISO 5167 ○ Any other applicable ISO/API/EN or IEC standards, guidelines or procedures • Awareness of incident investigation techniques <p><u>Attributes and behaviours:</u></p> <ul style="list-style-type: none"> • Take the lead in ensuring that Company values and behaviours are adopted and followed • Strictly follow the Company Life Saving Rules in all workplace transactions • Strong inter-personal skills, enable development and maintaining close working relationships with on and offshore teams and individuals • Strong communication skills • Ability to meet challenging deadlines and project objectives • Commitment to working in a safe environment • Possess the commitment to identify, analyse and propose solutions to problems in a constructive, respectful and positive manner • Able to handle confidential information with appropriate sensitivity • Flexibility and willingness to travel within Vietnam and internationally as required • Ability to spend short-term periods offshore as required
<p>Reporting and management relationships:</p>	<p><u>Reporting to:</u> Engineering Manager</p> <p><u>Direct report:</u> Instrument Control Engineer</p>