



JOB DESCRIPTION

Lead of Instrument & Control Engineering North Field South Project Major Projects Group

Job Description – **Instrument & Control Lead Engineer**

Part A: Job Specification

Job Purpose	<ul style="list-style-type: none">• Leads Instrument & Control (I&C) Engineering activities for North Field South Onshore Project, ensuring technical requirements (e.g., project specifications, data sheets, etc.) fully comply with project requirements and standards to ensure technical objectives are met within the approved scope, budget and schedule• Provide clear guidance to the EPC Contractors and facilitate issues resolution to ensure compliance with project objectives and milestones• Provide engineering surveillance of EPC phase I&C deliverables• Monitor and maintain I&C Engineering schedule and progress
Reporting and Relationships	<ul style="list-style-type: none">• Reports to I/C Head• Direct reports: 0 <p>Internal</p> <ul style="list-style-type: none">• Regular interface and collaboration with the Engineering Division Manager, Head of I&C Systems, all the Leads such as Electrical, Process, Mechanical, Machinery, Piping, Civil/Structural Engineers, Loss Prevention, Operations Advisor, Engineering Advisors, and Facility Engineers• Frequent contact with Operations, Safety, IT and various engineering departments within Qatargas <p>External</p> <ul style="list-style-type: none">• Regular interactions with EPC contractors, vendors, subcontractors, and engineering/specialist consultants
Job Context & Major Challenge(s)	<ul style="list-style-type: none">• A strong knowledge of interface connections with third party systems or between independent distributed control system. There is brownfield and greenfield tie-in scope which requires interface and alignment with Operations or other parallel projects for connections to other control systems• Application of new, innovative technologies updating existing Site legacy system and processes (Smart Junction Box application, cloud-based engineering and testing and commissioning optimization tools, etc.)• Must be a good communicator with a strong willingness for collaboration. Required to interact closely with other engineers to complete cross-discipline engineering activities, contributing to group tasks while providing expertise in specialized areas• Activities occur in a multi-cultural and multi-national environment which requires professional conduct and proper office protocol

Financial Dimension	<ul style="list-style-type: none"> • None or as defined for this job level in the Delegation of Authority during EPC Phase
----------------------------	---

Generic Accountabilities – All Employees

Safety Health & Environment	<ul style="list-style-type: none"> • Ensure all activities are undertaken in compliance with Company Safety, Health and Environment and Quality policies, regulations and standards
Qatarization Program	<ul style="list-style-type: none"> • Contribute to the development of Qatari employees. This accountability is a condition of employment for expatriate employees
Firewall Compliance	<ul style="list-style-type: none"> • Ensure all activities undertaken comply with anti – trust and competition laws and the Company firewall policies and procedures

Key Job Accountabilities *(Max 10, each unique, exclude generic)*

- Ensure I&C engineering activities are conducted in accordance with project specifications and approved qualifications, if any. Accountable for a quality design of I&C engineering deliverables, including design safety and execution planning
- Drive work execution, ensuring technical alignment and quality with various disciplines stakeholders from both PMT and EPC Contractors. Provide guidance to EPC contractor to complete I&C design per project specifications in a timely manner and provides clear direction when project instructions or specifications are not clear
- Drive Contractors to develop plans and work schedules that ensure effective completion of project activities and provide data (narrative, charts, graphs), change management recommendations and recovery plans to address any schedule delays for monthly progress and stewardship reporting
- Support multi-discipline activities providing I&C expertise to other disciplines as necessary, in support of completing activities within schedule and making appropriate recommendations to management on I&C issues
- Key effort to support interfacing between key vendors and EPC Contractors to ensure quality and execution objectives are satisfied
- Provides I&C engineering support in all project workshops and reviews
- Prepares high quality written documents and makes effective oral presentations
- Develops safe, fit-for-purpose technical solutions that meet the intent of project requirements

Part B: Person Specification – Minimum Requirements

Qualifications	<ul style="list-style-type: none"> Bachelor Degree in Instrument Engineering or equivalent.
Knowledge and/or Experience	<ul style="list-style-type: none"> Minimum of 10 years' experience working in Instrument and Controls, having broad knowledge of engineering execution including design standards, specifications, codes, safety criteria, offshore facilities design, construction and operations Experience in Oil & Gas Facilities, especially LNG plants Strong understanding of Instrumentation, Controls and Safety systems Process control and safety system applications engineering knowledge Strong knowledge of Cyber security for Industrial Control Systems (ICS) Knowledge of vendor package control system and experience with interface to process control systems Experience with Smart JB technology is desired Pre-comm/Comm experience is required
Technical and Business Skills	<ul style="list-style-type: none"> Excellent written and oral English skills Strong organizational, planning and coordination skills Strong technical, prioritization and management skills Strong communication, influencing and interface skills Proficient in Microsoft Office suite of software programs Basic knowledge of Hexagon Smart Plant Instrumentation (SPI)

Behavioural Competencies

SHE Understanding (X)	Quality/Quantity of Work (X)
Ethics and Integrity (X)	Planning and Organizing (X)
Trust and Empowerment (X)	Initiative/Commitment (X)
Teamwork/Supporting Others (X)	Interpersonal Skills (X)
Communication and Information Sharing (X)	Service Orientation (X)
Innovation (X)	Problem Solving (X)
Job Knowledge (X)	Supervising Others (X)

Reviewed by : Head of Compensation & Policy
Approved by : Human Resources Manager
Signature : _____
Date : _____
Signature : _____
Date : _____
Agreed by : Department Manager
Signature : _____
Date : _____