

Frank Menezes BE,PHD, CAM, CIM, ICIA, FCAM

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Re: **Senior Project Manager/Facility Engineering Manager/Country Manager**



Attached is my resume along with 'Attachment A' which details my specific experience in the field of Senior Engineering (FEED) & Project Management, specific to turnkey Onshore & Offshore installations, FPSO,SURF, Petrochemical Plants, Ammonia Urea Plants, Refineries, Combined Power Plants, Desalination Plants, and Oil Enhanced Recovery. I am highly experienced and have successfully completed many Brownfield and Greenfield Projects which were LSTK or day work rates.

I have more than 20 years of industry experience in turnkey Oil & Gas, Petrochemical, and Power Industry Projects, which includes Onshore, Subsea and Offshore installations. Two decades of experience as Project Manager/Advisor in the Middle East. I possess an excellent proven record of successful projects, for example, I successfully managed Oil/Gas, Petrochemical and Power projects simultaneously worth US\$ 15 Billion in Libya on schedule and within budget. I am a multi-disciplined executive who possesses excellent interpersonal skills and interacts with clients very effectively and efficiently. I am a Senior Fellow at the Canadian Institute of Managers (FCAM). This is the highest Title and credential one can possess in Management. I have planned, constructed, commissioned, and operated more than ten Petrochemical, Oil & Gas and Power Plants successfully. **I can speak Arabic.**

The significant EPC contractors I worked with and managed are Bechtel (UK), Technip (France), General Electric (USA), Siemens(Germany), JGC Yokohoma & Chiyoda (Japan), Hyundai (South Korea). I was managing about 60 international contractors simultaneously for Libyan Sirte Oil, Gas, Petrochemical, Power & Desalination Project which was more than US\$ 15 Billion. Due to international sanctions, I started, operated and managed offices in three different countries (Egypt, Beirut & Malta) including **Singapore for three years**. Total number of Engineers managed was more than 2000, with peak manpower of 10,000.

To be specific regarding my experience in the Gulf, I have worked directly with, or on secondment to, large companies including QGPC (Qatar), PDO (Oman), KNPC and KOC (Kuwait), ADNOC (Abu Dhabi) and SABIC (Saudi Arabia), Sirte Oil Company, Libya, Saudi Electric Company (SEC) Saudi Arabia, just to mention a few. My involvement at the management level was with various projects namely Petrochemical Plants, Oil Refineries, Stripping Plants, NGL, Ammonia, Urea, Ethylene, FPSO, EOR, Desalination, and Power plants.

I have intensive experience working with Chinese and Japanese EPC companies, namely **Shandong Overseas Machinery & Equipment I/E Co., Ltd. (SOMEK), Runh Power Corp., Ltd. Shandong, China, JGC Yokohoma Japan and Chiyoda Japan, and Hyundai South Korea.**

Please visit my web site www.frankmenezes.com for additional details and gallery of photos.

If you need any further information, please do not hesitate to contact me.
Respectfully,

FRANK MENEZES

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OBJECTIVE

Seeking Management position, with two decades and more of national and international turnkey FEED, Project Engineering, Construction and Management expertise in the field of Oil & Gas Brownfield and Greenfield Onshore & Offshore Projects, FPSO, SURF, Petrochemical Projects, Enhanced Oil Recovery, Power Plants, Desalination Units, and Fertilizer Plants.

I have successfully completed Methanol & Refinery Projects in Qatar (NODCO Refinery), PDO Refinery Oman (SIPEM), Sirte Oil Refinery, Marsa El Barga Refinery in Libya. In addition numerous Offshore projects in Qatar, Libya, Tunisia, FPSO(Libya), SURF(Qatar, Libya, Tunisia), Petrochemical, Power & Desalination Plants (Saudi Arabia, Qatar, Libya). Construction of NGL and LNG facilities QATAR& Libya.

SUMMARY

Throughout my career I have delivered successful projects to world class standards exceeding operational expectations. I have mobilized world class resources and completed scope within budget and on time. I specialize in optimizing operational and reliability of the facilities. I add value to projects through my engineering initiatives. I ensure we deliver a successful commercial outcome for all stake holders in the project.

Managing and leading team of engineers in the Management, direction and co-ordination of all project resources, assuming entire responsibility in order to ensure that Project meets all client contractual obligations in the most cost effective and efficient manner. In detail my experience includes Upstream GOSP, Wellheads, Flow lines, Oil Production Process, Produced Water, Water injection, (EOR), Sour Crude Processing, Conceptual studies, FEED, EPCM, HYSYS (Process modeling System) and FLARENET simulation.

My summary of experience includes the following - Responsible for representing Client/Owner on site and liaising with client, subcontractors and local government officials. Execute the project in line with the delivery schedule, contract specifications and conditions. Develop project organization chart and mobilization schedule based on standard models, using standard job descriptions and titles. Due cognizance must be given to capacity of each individual when allocating work responsibilities. Monitor day to day activities through weekly, monthly and quarterly progress meetings of Company staff, subcontractors, JV partners and client to facilitate achievement of targets. Slippages and backlogs will be identified and action plans formulated to keep the project on schedule. Ensure adherence to the project and corporate Health, Safety and Environment (HSE) procedures and maintain a safe working environment. Ensure adherence to project and corporate quality assurance policies and procedures. Conduct periodic internal quality audits for each discipline to verify the implementation of the quality management system. Support the subcontractors and vendors by removing impediments to progress, assisting in the development of their schedules and work sequence, and ensuring that they have the materials, engineering deliverables, tools and resources required to complete their activities within the required time frames. Implement Management of Change actions for all events that can potentially lead to a change in the project cost or schedule. Experienced in compliance of codes, standards, regulation and practices applicable to the design and construction (e.g. API, ASME, ANSI, AGA, ISA, etc.) including HSE and environmental compliance.

Ensure full participation of construction personnel in all project model and constructability reviews. Ensure appropriate facilities are provided to employees such as travel, visas, special permits etc. Manage construction and maintenance of temporary facilities, and ensure well-being of the employees. Accountable per contract for the completion and handing over of the completed works to client. Develop and execute the Construction Management Team (CMT) staffing plan and select the department leaders e.g. construction manager/general superintendent, construction/field engineering manager, HSSE Manager, etc. Responsible for developing and implementing the Construction Execution Plan (CEP) and construction execution strategy, contributing to the contracting strategy and plan, field budget and schedule. Ensure that all site activities are carried out in adherence to these. Implement the standardized construction work processes, procedures and systems, making project specific if required, and ensuring that quality system. Manage the site team creating an atmosphere of co-operation and oneness. Foster role clarity, involvement and team spirit to facilitate smooth execution of the project. Perform any other related duties and responsibilities as required by the Project Director to enable timely, cost effective and safe completion of work to the required quality. Develop the staff so that every supervisory position has a deputy able to stand in for absences

EDUCATION

Senior Fellow of Canadian Association of Administrative Managers Canada(FCAM), **Canada**
 Certified In Administrative Management – Canadian Association of Administrative Managers Canada.(since 2000).Certified In Management (CIM) – Canadian Institute of Management, Canada(since 2000)

Industrial, Commercial & Institutional Accountant (ICIA) Canada.(since 2000)

Doctor of Business Management in Project Management, **University of California, USA(Walter A. Haas School of Business 1993.)**



Bachelor of Engineering (Mechanical) **California State University, Long Beach USA 1988**

WORK HISTORY

Executive Director, Petrotech TTI Canada ... 2015 to present
International Business advisor, Project Financing – JV-M&A.
Oil & Gas Projects, Offshore Installations, Power Plants – Middle East & Latin America

Project Construction (Engineering) Director – SEREPT (Government of Tunisia)

2011 to 2015

Ashtart Revamp Project – Revamping of five offshore fixed platforms, one Satellite platform, FSO etc. Works included, Power Generation, Condensate Recovery, EOR, refrigeration, reinforcing jackets, etc. (Rush Project). Please see The Gallery of photos on my web site **www.frankmenezes.com**

Saudi Electrical Company (SEC) – Senior Engineering &Project Manager (Power Plant 9 Project and Juba Power Plant rush project)

Successful two Projects, and responsible for day to day operations of the plant.

Saudi Consulting Services/Parsons Brinckerhoff, Saudi Arabia 2007 to 2011

Contract & Job Details. PP 9 Power Plant - 2500MW Combined Cycle, EPC, BEMCO International and General Electric (GE). Consultant Parsons Brinckerhoff Juba Power Plant (Rush Project) 500MW Combined Cycle Al Touki Contracting & Trading; General Electric (GE). Consultant Parsons Brinckerhoff.

Leemens Inc. Management Consultants Canada CEO/Project Consultant 2000 to 2007

Continued to work with **Atlantic Sub Sea Inc.** as Independent Project Development Manager/Advisor in-charge of all overseas projects especially in Libya. Completed the \$15 Billion Project for Sirte Oil Company Libya. Projects included NGL Plant, Ammonia and Methanol Plant, Urea Plant. BOPs and Offshore Loading jetties for Low Temperature Loading Arms for NGL. Managed Inspection, Performance Tests, and Commissioning.

Atlantic Sub Sea Inc. Vice President (Overseas Division) USA/Canada. 1993 to 2000

Overseeing and directing operations in twelve (12) different countries.

Leading International North American EPCM Oil Field Services Co.

As **Vice President to Atlantic subsea Inc. USA**, I have directed/implemented consultancy contracts/secondments with the following companies in the Middle East, from 1993 to 2000.

Project Advisor/ Project Engineering Manager (Task Force) Qatar General Petroleum Corp. Rass Laffan Project, (Ras Gas) LNG Project, Qatar. (Working with Bechtel-Shell) 2400 MW Power Plant (CCPP) and Desalination Unit. Extension of Umm Said Refinery (NODCO) Technip/Dodsals.

Senior Contracts Advisor/Project Engineering Manager to SABIC (Saudi Basic Industries Corp.) Owners Representative. Methanol & Fertilizer Dept. Riyadh. KSA(850,000 Tons/year). Included 500MW Power Island and Desalination unit for the complex. Consultant Worley Parsons.

Project Engineering Advisor/Project Manager to Oman Refinery Company Capacity increase from 50,000BBLs to 100,000 BBLs. Technip/CFP TOTAL France, Power Island 500MW. Representing Petroleum Development Oman.

Project Director - Up Grade - Tuas Power Station Singapore – Coal Fired. *Also construction of special port facilities to offload coal from Indonesia.* The plant had 15 highly efficient Combined Cycle Plants and one 600MW steam plant. **EPC Runh Power Corp., Ltd. Shandong, China. Management and Maintained the IGCC Power Plant for Five years.**

Leemens Incorporated – Development & Projects Director/Advisor for Libya: 2000 – 2007.

Developed and managed five turnkey projects simultaneously with fabrication workshops in Singapore, Egypt and Malta. Owners Representative for Sirte Oil & Petrochemical Company, Marsa El Brega, Tripoli, Libya. \$ 15 Billion Project. Included construction of, **Sirte Oil Refinery (100K Barrels/day), Marsa El Barga Refinery (100K Bbls/day)**, NGL Project (Propane, Butane, & Ethylene), Methanol, Ammonia Plant Capacity 2.0 MMT and Urea Plant Capacity 2.8 MMT. Sirte Cement Factory (2.00MMT) Planning, Designing, Construction, Inspection, Commissioning and Operations of three Major (CCPP) Combined Cycle Integrated Water and Power Plants, (includes Desalination) each capacity over 2400MW. Contractors dealt with are JGC Yokohama, Japan, Chiyoda Japan, Dodsals Group - Germany. My duties included, construction and fabrication of all offshore and onshore installations/structures, which were carried out in Singapore and towed to Libya for installation.

Visiting construction sites and gathering cost-related data about a project, such as information about the accessibility of the work site, surface drainage or the availability of electricity, water and other services. Determining material, equipment and labour requirements, sequence of operations and projected timelines, and preparing a quantity survey (often called a takeoff). Preparing cost summaries that include costs of subcontracts, overhead, taxes, insurance, markup and anything else that might affect the cost of a construction project. Developing and maintaining a directory of suppliers, contractors and subcontractors. Preparing appropriate types of tender (bid) proposals.

Operations/Construction Advisor to Petroleum Development Oman, (PDO), **Refinery Expansion, Terminal Operations, Oman. Upgrading NODCO Refinery Umm Said Qatar.**

Senior Consultant to Technical Marketing Centre Middle East, Qatar/U.A.E

Marine Logistics Advisor – Oman Shipping Company, Muscat, Oman.

Technical Advisor – Elryada Oil Services – Safax, Tunisia.

Senior Administrator (Task Force) Contracts/Procurement/Logistics/ **1988 to 1993**

Fabrication - Qatar Gas-North Field Development Project, Qatar, Middle East.

(Bechtel-Technip joint Venture) NGL Project. Managing all activities concerned with Contracts/sub-contracts, Procurement, Fabrication and Logistics.

CORE COMPETENCIES

LPG/LNG/NGL Plants/Sour Gas Treatment Plants, (Design, Construction, Operation & Maintenance). My specific experience in sour Gas Plant includes Gas and liquid treating, Combustion system design, Sulfur Plant Heat exchanger design, Refractory system design, Sour Gas Piping layout and planning, Piping stress analysis, Special Sour Gas Control instrumentation and systems, Materials handling, Environmental permitting, Modularization.

My featured expertise in Sour Gas Industry includes Amine & Solvent Treating, Claus Sulfur Recovery, Tail Gas Treating, Tail Gas Incineration, Sulfur solidification & handling, Liquid REDOX sulfur removal and recovery, Combustion gas SOX removal. I have studied various (Sour Gas) Sulfur recovery technologies such as Bechtel pressure swing Claus process. Bechtel sulfur absorbent technology, Hydrogen sulfide production unit, Sour gas treating, Sour water stripping, Sulfur recovery, and Tail gas treating.

I have constructed upgrade project in Libya from 110,000 bpd to upgrader complex of 250,000 bpd. sweet synthetic crude oil (SCO). The phase two of the expansion projects was to increase the overall capacity of the upgrader complex to 250,000 bpd. The project included the design and construction of the Vacuum Distillation Unit (VDU), Diluent Recovery Unit (DRU) and H₂S (Sour Gas) Recovery Unit. I also maintained the plant for more than ten years, Sirete Oil & Gas Company, Benghazi Libya. I conducted Plans, research, designs, developed and executed phases of this large Sour Gas complex construction.

The above job specifically included calculating for Sour Gas temperature, pressure, vacuum, level, flow rate, and/or transfer of gas to maintain processes at required levels. Calculating Sour Gas ratios to detect deviations from specifications, specifying testing apparatus. Selection of Sour Gas Control equipment to regulate flow and pressure of sour gas to feed lines of boilers, furnaces, and related steam-generating or heating equipment. Designing and procuring Control fractioning columns, compressors, purifying towers, heat exchangers, and related equipment in order to extract nitrogen and oxygen from air. Formulating procedures for Control operation of compressors, scrubbers, evaporators, and refrigeration equipment in order to liquefy, compress, or degasify natural gas. Also studied causes of abnormal pressure variances, and make corrective recommendations, such as installation of pipes to relieve overloading. Provided technical support for upstream chemical H₂S (sour gas) corrosion applications.

Operations & Engineering Support.

Monitoring project execution to identify obstacles and deviations from plan and takes corrective action as needed. Arranged Conceptual studies, FEED, Detail Design, FAT, SAT and commissioning. Experienced dealing with unspecified and urgent items of work affecting Safety and Construction Progress. Planning projects to accomplish goals within constraints of time, cost and quality standards, reviewing plans that delineate activities & durations, reducing uncertainty, increasing efficiency of project team. I increase understanding of project details and dependencies to the Project team by defining all project activities and milestones required to meet objectives and deliverables, properly sequencing tasks and estimating effort. Determining the critical path and floats, leveling the project schedule, and resources.

Facility Engineering Management (Brown Field)

Leading and managing Facility Engineering Teams responsible for developing fit-for-purpose engineering solutions to large brownfield facilities. Managing the Operations Priority Process. Developing metrics to ensure transparency for projects that are progressed and projects that are deferred/cancelled. Mentoring and developing National Managers, Engineers and skilled Technicians. Managing engineering contractors to ensure solutions are creating value for Operating Organizations. Developing engineering solutions using the approved industry standard Codes, Standards, and Specifications including recommending Deviations where required. Providing Project Management for engineering projects.

Providing technical expertise for Operations Team including risk assessments. Providing justification for production deferral for all planned engineering projects. Ensuring that all planned engineering projects are captured within Operations Planning Process. Monitoring and report the progress of all engineering projects. Developing intervention plans when projects are not on track. Liaising with the Operations and Integrity Management Teams to ensure efficient work scope for projects. Coordinating with the Developments Engineering Teams to ensure clear roles and responsibility between the two teams are aligned and that the two teams complement each other.

Debottlenecking

I have successfully completed /Petrochemical/Refinery Projects in Qatar (NODCO), PDO Oman (SIPEM), Sirete Oil Refinery in Libya. Methanol Plant (SABIC Saudi Arabia), Ethylene Plant (QAPCO Qatar). Concerning Refinery Debottling experience, I have hands on experience in designing, installing, commissioning, operating and maintaining wide range of Cyclonic Separators such as: Gas/liquid (degasser) cyclone which removes the free gas. Bulk Oil/Water Cyclone (BOW) which is the first liquid/liquid separating stage. Pre-deoiler Cyclone (PDC) which is the first water cleaning Cyclone. Deoiler Cyclone (DC), the last stage which cleans the produced water to less than 40ppm oil-in-water. Vessel style sand Cyclones – removes the large solid particles and Solids accumulator Vessels. By using various types of Cyclonic Separators, I have achieved removal of more than 80% of water content in the crude. On existing plants and where there is limited scope for modifications, I have experience in installing Compact Cyclonic Separators which are called as “The In Line Dewaterer”. The pressure drop on online cyclones inlet to water and oil outlets have been in the 0.5/1.5 bar to 1-3bar range.

Safety (HSE)

Implementing HSE procedures and processes to achieve an “Accident & Incident” free environment. Improving constantly every process from planning to production and service. Adopting a safety policy of avoiding high risk. Long term preference over short term success and a strategy of adapting to external changes, such as new safety regulations and technologies, also introducing an effective safety Inspection Programme that can identify the underlying safety problems. Instituting training and educational programs for self-improvement for every staff. Targeting Zero Time Loss accidents, discussing Near Misses.

Contracts, Procurement, Logistics, Scheduling & Corporate Reporting

Setting up Project Teams, and Compiling Schedules, Selection and pre-qualification of international/national contractors, bid analysis. Management/Administration of all purchase orders for maintenance and project materials through national/international vendors. Project co-ordination between Corporate Management, Consultants, Project Management, International Contractors and Government Regulatory Authorities. Compiling departmental, management and project reports. Preparation of departmental budgets. Monitoring project schedule and project budgets.

Wellhead & Process Piping, Flow lines & Low Temperature (LNG & NGL) Pipelines

Responsible for Design (FEED), Detail Design of all Engineering related to Equipment, piping and Flow/Process Packages. Review of Mechanical Design Basis, Piping Material Specifications etc. Responsible for Incorporation of Basic Engineering inputs into detailed engineering documents. Review of technical Specifications / Drawings and Data sheets, Requisitions for quotations, Technical queries. Ensure that deliverables by the Engineering Consultant (FEED) meet the project requirements/ specifications. Review of Materials Take Off and Erection Tenders. Manage the performance and Deliverables of PMC Consultants Coordination with Detailed Engineering Consultant and Project Implementation group at site. Technical Support for Construction team. To carry out design and engineering in rotary machineries, Static equipments technological structure, material handling equipments Piping etc., I have gained excellent knowledge and expertise in preparing cost sheets for this area of piping.

Manifold Design & Hook-up

Conceptual, preliminary and detailed structural analysis and design of Manifolds and hook-ups, (FEED) related to a variety of offshore, oil & gas facility and bulk material projects. Interpreting project sub-consultant's work, such as surveying and geotechnical. Referencing AISC, ASCE, API, AWS, and other industry and project specific standards and codes. Performing analysis of structural systems utilizing SACS (structural design & analysis software) Analysis types include: In-place, load out, transportation, installation, fatigue, and non-linear (pushover). Worked on multiple projects of moderate size to major projects and ability to function on multi-disciplinary and multicultural teams.

Crude Oil Tanks, Processed Product Tanks & Cryogenic Tanks (LNG Processing, Tanks)

I have over two decades of experience in construction of low temperature storage tanks for NGL & LNG (Propane, Butane, Ethylene, and Methanol). I have experience in conceptual design, detail design, facility optimization, project planning and management, procurement, fabrication, construction and commissioning of Shop Built API Tanks, Shop Built ULC Tanks, Shop Built ASME Pressure Vessels, Shop Custom Plate Work, Field Erected API Tanks, and Field Erected Custom Plate Work . I have worked on a variety of LNG storage options, including **Single Containment Tanks**, and **Full Containment Tanks**. I have built composite **Concrete Cryogenic Tanks** for Sirte Oil Company in Libya. Hands on Management experience in supervising related Electrical and Instrument works.

Cryogenic & Regular Gas Compressors and Other Rotating Equipment

More than 15 years of direct Rotating Equipment/Compressor experience in refineries, chemical plants, power & utilities plants, and gas plant facilities, working in a senior engineering function to resolve installation of plant machinery and operational problems. 10 years' specific experience in analyzing performance, troubleshooting, selecting and maintenance of process gas compressors, steam turbines, pumps, gearboxes etc. Experience also includes mechanical seals troubleshooting, and basic vibration analysis. I possess detailed knowledge of international codes and API standards to support the review of company standards, project reviews, and implementation of plant modifications to compressors and steam turbines. I have experience in solving large process gas compressors mechanical failures. Hands on experience on reliably handling of all rotating equipment for smooth operation of any industrial plant. Compressors worked on are General Electric, Atlas Copco, Dresser-Rand, Bauer, Ingersoll Rand, Kaeser, Jon Brown just to name a few.

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In addition, my hands on experience includes, preparing Technical specifications and selection of rotary and positive displacement Equipments such as Centrifugal Pumps, Positive Displacement Pumps, Centrifugal and Rotary Compressors, reciprocating Compressors, turbines, fans, Blowers, cooling water pumps etc. Providing Engineering Calculations for selection and Dimensioning of equipment. Compiling equipment data sheets. Coordinating the installation of compressors with other engineering disciplines. Initiating compressor equipment purchase requisitions and **and** accessories. Technical evaluation of compressor bids. Reviewing Vendor's documents and drawings. Compiling Technical Bid tabs for installing major (Compressor) equipment.

Special experience with Sour Gas Compressors to process NGL or reinjection of sour gas back into the reservoir. The scope of work for this project mainly included design, detail engineering, procurement, installation and commissioning of the following: installing new sour gas compressor, as well as the associate auxiliary equipment, i.e. lube oil system and dry gas seal system, installing new knock out drum, erecting new sour gas cooler, and new lube oil cooler, constructing the required equipment foundation, compressor house shelter, sour gas and lube oil cooler supporting structure, necessary supports resolving technical queries. Preparing invitations/specifications to tender for the compressors and access platform including the EOT crane for compressor maintenance.

Please visit my web site www.frankmenezes.com for additional details, references and photos.

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Attachment A

Details of Experience, Duties and Responsibilities

I have worked in the turnkey Projects such as Offshore Structures, FPSO, Petrochemical, Oil & Gas, Power, and Desalination industry for more than three decades. My experience specifically involves project management and construction co-ordination of Greenfield and Brownfield Projects. I was Vice president, for Atlantic sub Sea Inc. and managed projects in North America as well as in seven other countries, including the Middle East and Asia.

A brief summary of my past job duties and responsibilities included, overseeing and preparing contract progress/status/commitment reports, and initiating corrective action when warranted. Interfacing with Construction Management and Field Contract Supervisors. Preparing and managing a complete suite of contracting procedures and forms. Monitoring progress in accordance with schedule. Ensuring that the approved plans are executed in accordance with standard procedures and project requirements. Defining the overall contracting and manpower plans in conjunction with other project disciplines and project schedule.

In addition, I have worked on a wide variety of systems including: Industrial systems and processing systems (for example, in refineries, petrochemical facilities, Desalination and Power Plants), manufacturing systems, plants and products, environmental control systems (heating, ventilating and air conditioning), transportation equipment (land, sea, air), utility (Industrial), design subsurface storage facilities for natural gas, acid gas and produced fluid systems and infrastructure delivering water, gas, oil and power, emerging fields such as robotics, lasers, telecommunications and computer components and systems.

Management – Teamwork & Administration

Knowledge, skill and ability to work effectively with others to achieve optimal collective results. Ability to communicate clearly and succinctly in a variety of settings and situations. Establishing financial and administrative controls, allocating human and financial resources to implement company policies.

Human Resources and Systems & Procedures

Recruitment & Selection, Labour Relations, Compensation, Training & Development, Performance Management, Employee Benefit Administration and HR Planning.

Compiling the corporation Manuals, Personnel Policy & Procedure Manuals, Business plan Manuals, and Corporate Master Plan Manuals. Developing and implementing procedures for project administration, purchasing, contracts, logistics, safety, etc.

EPC & Sub Contracts (New projects and Operating Plants)

Selection and pre-qualification of contractors, bid analysis, scheduling and awarding of contracts/sub-contracts for EPC projects. Contract Administration, Budget Control, Claim settlement, compensations and completion certificates, preliminary acceptance and final acceptance (PAC & FAC). Punch Lists, and Warranty Claims. Insurance and limitation periods, settlement of dispute by negotiation, arbitration and litigation. Liens and remedies

Country Manager

My expertise involves representing independent oil and gas holding companies involved in the acquisition, exploration, development and operations of oil, gas and mineral sites. I have successfully represented client's interests in the whole of Middle East, Yemen, Libya, Tunisia and Ethiopia while, also acting as the focal point of contact for the Operators. I have three decades of extensive experience in providing consultative services to management, to facilitate communications with local governments and maintain public awareness of client's policies. I have also been a public affairs liaison between communities and clients.

Additionally I am experienced in drawing up lease and related agreements in consultation with clients, ensuring that any special terms and conditions stated in agreements are carried out before the closing dates. Assessing environmental controls written into agreements (for example, to protect wildlife or dispose of hazardous waste). Acting as a link between corporations, government agencies, agricultural industry and land owners. Successfully negotiating road use (access) agreements. Guarding against loss (for example, from fraud or impersonation)

I have prepared reports and documentation to testify before regulatory boards responding to requests for information from the public and regulatory boards. Writing news releases and pitching ideas to the media, planning events and finally promoting the client products and services at every possible opportunity.

Planning, Construction Projects/Scheduling

Setup Project Teams, Compile Schedule specifications, Developing project schedule, CPM, Scheduling, Direct and Indirect Costs, Cost Slopes, Cash Flow Assumption, predicting expenditure and income from schedules, calculating negative cash flow, estimating cost of interim financing, calculating cost and schedule variance, duration/cost trade off. Analyzing resources efficiencies resource allocation/leveling.

EOR – Produced Water & Water Injection

I have had intensive hands on experience in Enhanced Oil Recovery projects such as simple water flooding, pressured water injection, Gas injection and steam. I have used the **tertiary recovery systems** as opposed to primary and secondary recovery systems. I have experience in **quaternary recovery** (advanced, speculative, EOR techniques). My achievement has resulted in EOR from 30 to 60 percent compared with conventional methods which are in the range of only 20 to 40 percent. I am experienced in calculating the **volumetric sweep efficiency**. (This is the fraction of the total reservoir volume contacted by the injected fluid during the recovery). Analyzing **Displacement efficiency**, which refers to the fraction of oil that is swept from unit volume of reservoir upon injection. I have also conducted Liquid Carbon Dioxide injection for wells below 2000 ft. for QGPC Qatar Field Dukhan.

Planning, Operations & Maintenance of FPSO, Offshore Platforms and Production Stations

Maintaining the Unit as per Company maintenance philosophy and core values. Continuously improving and monitoring the CMMS. Providing input for improvement of the Maintenance Management system, and monitoring and providing support for implementation and completion of Management of Changes. Ensuring the Units are maintained with respect to class / Statutory and other regulatory requirements. Assisting the Operation Manager as and when required. Physical verification of equipment maintenance. Scheduling and mobilizing service teams as per service agreements. Reviewing reports from technical and maintenance service providers and initiating appropriate actions as required to rectify the issues, if there are any. Providing budget requirements to Operations Manager in terms of maintenance, long term plan and surveys. Monitoring and providing support for implementation and completion of Management of Changes.

Balance of Plant(B.O.P)

Summary of my experience specific to BOP equipment are, preparing specifications and drawings for components, equipment and systems. Inspecting the construction of installations. Preparing layouts for new machines, tool designs, plants and equipment. Conducting and analyzing performance tests on various components, products and equipment. Some of the BOP installations I worked on are, Centrifuges, Cooling Water Pumps, Desalination Units, Heat Exchangers, Petrochemical storage tanks (low Temperature), fuel storage tanks, transformers/substations, Cathode Protection Units, oil & water separators, Chlorination units, Nitrogen Generator units, seawater cooling system, dock facilities etc. etc. just to name a few.

Infrastructure

Proven people management skills and demonstrable experience in managing technical infrastructure support and configuration teams. Good understanding of infrastructure related technology and process - data centre, operations, development cycle, production scheduling and security methodologies. Organised infrastructure management (IM) that is the management of essential operation components, such as policies, processes, equipment, data, human resources, and external contacts, for overall effectiveness. Reduce duplication of effort, ensuring adherence to standards, enhancing the flow of information throughout an information system, promoting adaptability necessary for a changeable environment, ensuring interoperability among organizational and external entities and maintaining effective change management policies and practices.

Logistics

Responsible for developing, directing and coordinating program activities designed to provide management, contractors, and other departments with logistic control, thus insuring effective and economical support for various stages and aspects of projects. Analysis of contractual commitments and contract specifications. Scheduling changes and developing logistic activities from conceptual stage through full cycle of projects. Proposed, planned and pursued information systems to provide logistic support. Performed cost analysis critical to logistic support functions.

Procurement/Warehousing

Management/Administration of all purchase orders for maintenance and project materials. This includes pre-qualification of suppliers, processing procurement documentary namely, Letters of credit, insurance, performance guarantees, factory inspection, quality control, expediting shipping and clearing. Setting up and managing the day to day activities of the warehouse within industry best practices. Establishing policies and procedures for optimum Warehouse management. Working with inventory control personnel to ensure warehouse inventory is maintained to the optimum levels. Operating material handling equipment as required.

I am a multi skilled competent and dynamic turnkey Project Management professional with an enriching cross functional experience, managing various Petrochemical Plants, power plants and oil & gas industry projects, in the Middle East, Far East (Asia) and North America. I specialize in the compilation of project management documentation – Project Charter, Work Breakdown Structure, and Risk Management Plan. Working with the development team to design product enhancements based on client requirements. Preparing specifications and drawings for components, equipment and systems. Preparing layouts for new machines, plants and equipment. Inspecting and supervising the installation of Turbines and BOPs. Developing the required infrastructure. Conducting and analyzing performance tests on various components, products and equipment. Analyzing the cost efficiency of projects.

I have more than 30 years of industry experience in turnkey Oil & Gas, Petrochemical, and Power Industry Projects, which includes Onshore, Subsea and Offshore installations. Two decades of experience as Project Manager/Advisor in the Middle East. Possess an excellent proven record of successful projects, for example, I successfully managed Oil/Gas, Petrochemical and Power projects simultaneously worth US\$ 15 Billion in Libya on schedule and within budget. I am a multi-disciplined executive who possesses excellent interpersonal skills and interacts with clients very effectively and efficiently. I am a Senior Fellow at the Canadian Institute of Managers (FCAM). I can speak Arabic.