



Bhaskaran Balakrishnan PMP

Project Engineering Professional

EXPERTISE

Engineering Management
Bid Engineering
Project Management


EDUCATION

Bachelor of Engineering
Mechanical Engineering (1987—1991)

First Class Graduate from
Venkateshwara College of
Engineering


CONTACTS / SOCIAL

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ABOUT ME

A result driven project engineering professional offering 20+ years of experience having a very good understanding of entire technical value chain / project life-cycle including project definition, feasibility studies, FEED and detailed design, procurement, construction, commissioning & start-up who enjoys challenging and diverse roles working with multi-discipline and multi-cultural teams.

Highly conversant with activities pertaining to engineering coordination, project management, EPC Bid engineering, project control and cost estimation with thorough exposure to oil and gas upstream and Petrochemicals industries.

EXPERIENCE

Senior Facilities Engineer, Dec 2012—Till Date

Qatar Petroleum, Doha, Qatar

<https://www.qp.com.qa/>

A state owned petroleum company in Qatar. The company operates all oil and gas activities in Qatar, including exploration, production, refining, transport, and storage.

- Manage Identify, Assess, Select and Define phase of the project lifecycle for the assigned area.
- Responsible for obtaining gate approval for Assess and Select phase of the project.
- Responsible for Collate Scope of Work for Feasibility Study, FEED and EPIC SOW
- Identify, evaluate and manage issues / events that may constitute an increase or decrease in scope, safety, project quality, cost, or schedule;
- Manage the HSSE aspects of the design (HAZID, WHAT IFs, HAZOPS, ENVID, PRA, Project F& S philosophy) to assure compliance with Company's established HSE policies and procedures

SKILLS

Project Management

Scope Management	★★★★★
QHSE Management	★★★★★
Change Management	★★★★★
Project Services	★★★★★

Engineering Management

Project Development	★★★★★
Feasibility Study	★★★★★
FEED	★★★★★
Engineering Coord.	★★★★★
Design Review	★★★★★
HSE Assessments	★★★★★

Procurement

Collate Scope of Work	★★★★★
Prepare ITT Package	★★★★★
Tendering	★★★★★
Contract Mgmt.	★★★★★

Bid Engineering

Bid Engg. Coord.	★★★★★
Proposal Mgmt.	★★★★★
Bulk MTOs	★★★★★
Construction BOQ	★★★★★
Cost Estimation	★★★★★
Technical Discussion	★★★★★

Deputy Chief Engineer, Apr 2008 — Dec 2012

SAIPEM SpA, Sharjah, UAE

<http://www.saipem.com/>

A global leader in drilling services, as well as in the engineering, procurement, construction and installation of onshore and offshore pipelines and complex projects in the oil & gas market.

- Lead and guide a team of engineering specialist leads working on bid engineering to produce proposal deliverables including engineering man hours, Bulks MTO, RFQs, Construction BOQ, etc
- Lead the task force of discipline engineers / designers assigned for projects and make certain that the team is aware of all the technical elements of the project and nature of work.
- Provide the necessary technical decisions in case of unresolved conflicts between disciplines and act as focal point between engineering team and non technical disciplines such as procurement, contracting and construction.

Senior Mechanical Engineer

SABIC, Riyadh Saudi Arabia / Jul 1998 — Apr 2008

<https://www.sabic.com/>

SABIC is one of the world's top petrochemicals companies and one of the world's market leaders in the production of polyethylene, polypropylene and advanced thermoplastics, glycols, methanol, and fertilizers.

- Handle assigned projects (Design Change Requests) ranging from minor modifications through to new installation / construction. Monetary values typically range from \$100K to \$20M.
- Manage the engineering activities pertaining to plant modifications and liaise regularly with Operations and safety Departments to ensure the engineering design is acceptable to such user departments.
- Supervise and direct construction contractor / maintenance team during implementation of the plant modification.

Senior Assistant Engineer

TCE, Mumbai, India / Feb 1996 — Jul 1998

<http://www.tce.co.in/>

TCE is a best-in-class, distinct and distinguished integrated engineering consultancy solutions provider in almost all key industry segments with capabilities to handle multi-dimensional, large scale assignments.

- Equipment sizing and selection, plot plans, equipment general arrangement, piping layout, isometrics, etc.
- Prepare data sheets, tender specifications and material requisitions
- Techno and Commercial bid evaluation and issue of purchase recommendation

SKILLS CONTINUED

Computers

MS Office



MS Visio



MS Project



ACAD



ASSAI



TRAINING & CERTIFICATION

Project Management Professional (PMP) Certification by Project Management Institute (PMI)

Project Management Qualification (PMQ) Certification by Association of Project Management (APM)

Managing Project Definition by TAFAWOQ (Joint venture between SHELL & QP)

Essentials of Project Management by TAFAWOQ (Joint venture between SHELL & QP)

Essentials of Project Services by TAFAWOQ (Joint venture between SHELL & QP)

Project Economic & Financial Evaluation - ENI Corporate University

Legal, Contractual & Insurance Aspect of Project conducted by ENI Corporate

PORTFOLIO

IDENTIFY / PROJECT DEVELOPMENT

- Hookup of Three (3) nos. Arab D and Ten (10) nos. Khuff Wells
- Replacement of Not Fit for Purpose Pipelines and Enhancement of Station S Facilities
- Well Head Platform, Pipeline Manifold Platform & Pipeline Facilities for Bul Hanine Phase 1

ASSESS & SELECT / FEASIBILITY & CONCEPT OPTIM.

- FS & CO for Dukhan Facilities Upgrade— Degassing and Powered Water Injection Stations, Enhanced Oil Recovery
- FS & CO for Dukhan Facilities Upgrade— Fahahil Stripping Plant and Arab D Recycling Plant, Enhanced Oil Recovery
- FS & CO for Integrated Gas Supply to Mesaieed Consumers
- FS for Fire Water Assessment at Khatiyah North Degassing Station and Remedial Measures for GRE Piping Failures at Degassing Stations.
- Pipeline Integrity Study for GTDS and Dukhan Pipelines

DEFINE / FEED

- Upgrade of 3 Phase Production Separator Internals and Piping Early tie-ins at Khatiyah Sector
- Upgrade of 3 Phase Production Separator Internals, Hydrocyclone replacement and Piping Early tie-ins at Jaleha Degassing Station
- Dukhan Production Facilities Upgrade—Phase 1A
- FEED for Seven (7) nos. of Sensor Tower Platforms and Forward Mounting Base
- Common Cooling Water System for NFE Project (Phase III)

EPIC PROPOSALS / BID ENGINEERING

- EPIC for Gas Sweetening Facilities & Acid Gas Recovery Unit, QP, Qatar
- EPIC for Satah Full Field Development, ZADCO, UAE
- EPC for Bab Thamama G and Habshan Development, ADCO, UAE
- Upgrade Crude Gathering & Power Supply Facilities, Phase 1 Safaniya Field, Saudi Aramco, Saudi Arabia

SITE ENGINEERING PROJECTS

- Execute projects ranging from \$100 K to \$20 M initiated by operations to modify the existing plant facilities and /or install new facilities to augment the existing plants PE Pilot Plant, PVC Pilot Plant, PP Catalyst Plant, SABCAT Plant, LAO Pilot Plant, Technical Support Laboratories and R & D Labs