



RAHUL PRAKASH GHONE
Project Manager / Lead Project Engineer

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**Senior Project Management Professional – Project Manager / Lead Project Engineer
for EPC / FEED / Feasibility / EPCM / PMC Onshore / Offshore-Oil & Gas Projects**

19+ years' experience in Oil & Gas industry, in complete lifecycle of Project Management, including Feasibility Study, FEED/Detail Engineering, Procurement, Construction, Commissioning and Handover

Domain expertise in multi-disciplined Piping, Civil/Structural, E&I, Static & Rotating projects in Onshore and Offshore Oil & Gas sector; successfully delivered projects within time & cost standards and ensuring highest standards of quality & safety

Exhaustive experience in Contract/Subcontract Management, Steel & Piping Fabrication, Project Controls, HSSE, QA/QC, Risk Management and SIMOPS

Targeting **Sr. Management positions in Project Management** with leading Oil & Gas organization in Middle East/India/East Asia

|| Key Skills

- ~ Greenfield/Brownfield Onshore and Offshore Project Execution
- ~ Feasibility Study, Conceptual Design
- ~ Pre-Commissioning/ Commissioning /Startup
- ~ Contracts/Sub-contract Management
- ~ Construction & Site Management
- ~ Risk Management
- ~ FEED, Detailed Engineering
- ~ Estimation and Cost Management
- ~ Procurement/Vendor Mgmt.
- ~ QA/QC, HSSE
- ~ Project Closeout

|| Professional Qualification

- 2016: APMP
- 2005: Post Graduate Diploma in Management
- 1998: Bachelor of Mechanical Engineering

|| Work Experience

- Since Aug' 2013-Till Date: (4.6 years) Qatargas Operating Company, Qatar as Client Project Engineer**
- Dec' 2008- Jun' 2013: (4.7 years) Petrofac International (E&C), Sharjah, UAE as EPC Sr. Project Engineer**
- Dec' 2007- Dec' 2008: (1 year) Larsen & Toubro (L&T), India as EPC Manager Projects, Refinery-SBU**
- Jul' 1998 - Dec' 2007: (9.5 years) Engineers India Limited (EIL), India as Dy. Manager**

|| Profile Summary

- ✓ Highly versatile, result-oriented **Senior Project Management professional**, with expertise in end-to-end (feasibility to closeout) execution of turnkey onshore & offshore projects, involving planning, scheduling, cost estimation, scope management, basic & detail engineering, procurement, construction and commissioning, closeout, SIMOPS, value engineering, quality, HSSE, risk management
- ✓ Strong exposure in **managing all techno-commercial aspects** including EPC/FEED bids evaluation, contract management & negotiation, finalization of contracting strategies & contracting terms, contract award and close-out, strategic sourcing, contract communications, managing variations/ change orders,

claims, payment milestones, endorsing validations, certifying invoices raised by contractors for release of payments and ensuring compliances

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- ✓ Project Management on **Shell/Qatargas iPMS/QGPMS (Integrated Project Management System) platform** (Project Gates and Project Lifecycle Phases). Project execution with compliance of engineering codes & quality standards (such as BS, ASME, API, ASTM, Client Project specs). Statutory regulations, safety, environment and fire standards.
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- ✓ Team friendly & approachable; Effective & self-motivated Manager; Ethical behaviour & fair advisory; Strategy & development specialist; Consistently delivery of Project objectives-Critical Results; Respect & Leverage for Human Capital
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- ✓ Developed sensitivity to dynamics of cross-cultural workspaces by working across the globe including countries like **Qatar, UAE, India, Italy, France, Algeria, Iraq, Egypt and Tunisia**

Responsibilities:

- **Scope: Drafting & reviewing multi-disciplinary project scope of work, project management plan, project execution plan, project assurance plan, stakeholder engagement plan covering project objectives and KPIs**
- **Schedule:** Developing & approving project WBS, L1-L4 baseline and recovery schedules; finalizing weekly & monthly progress reports for obtaining approvals; developing 60-90 days lookahead plan including S-curve, % progress approvals, integrated schedules and resource allocations
- **Cost:** Performing FEED/EPC cost estimates including internal cost approval, budget (AFE) submission, review weekly & monthly cost control reports
- **Tendering:** Reviewing tender program; developing & compiling ITT/Enquiry (engineering & contract documents); approving vendors' & subcontractors' list; performing bids review, site visits, TBE/CBE/TQs, award confirmations, leading kick-offs, etc.
- **FEED/Detail Engineering:** Coordinating/expediting multi-discipline engineering tasks; reviewing critical FEED/Detail engineering documents and FEED deliverables such as process parameters, PFDs, P&IDs, HMBs, equipment lists, data sheets, plant layouts, equipment layouts, etc.; finalizing engineering manpower; performing different reviews like Design/P&ID reviews, FRA, HAZOP, SAFOP, 30-60-90 model reviews, constructability review, value engineering, lesson learned workshops, etc.
- **Procurement/Vendor Management: Managing** MRs, vendor offer reviews, TQs/TBE, PO award, expedite fabrication progress/delivery to site, vendor claim mgmt., review of vendor invoices, spares management, QA/QC, NDT, logistic coordination, vendor documentation/circulation for approvals.
- **Contractors & Sub-contractors Management: Cutting edge experience in administration of contracts/sub-contracts including SoW writing/review, responsibility matrix finalization, BOQs, bids review, Award, claim management of contracts/sub-contracts, document management/circulation for approvals, certification of close-out/as-built documentation, invoices review and approval**
- **Construction/commissioning:** Providing strategic inputs on construction methodologies; planning, sequencing & controlling construction activities, Permits (PTWs) approvals as Company Host, Commanding management of construction site works - Supervising mobilization of temporary facilities, Geotech/site-preparation/foundations civil works, structural steel/piping/equipment erection, E&I works, pre-commissioning, commissioning and startup planning activities, development of Operation readiness plan (ORP)
- **Closeout/Handover:** As-built documentation approval, Contract closeout, Operation handover
- **QA/QC, HSSE, Fire and EMS:** Ensure compliance of mandatory requirement during execution
- **Risk Management:** Identifying & managing project risks, risk register and RMP periodic reviews

Significant Accomplishments:

- **Companies worked for/with: Qatargas, Gazprom, Sonatrach, Anadarko, BP/Statoil, PDO, Engineers India Limited (EIL), L&T, AKER France, HPCL, BPCL, IPCL (Reliance), BORL, ONGC India.**
- Successfully executed multiple small & medium scale projects as Lead Project Engineer/Project Manager
- Procured multidiscipline items, valuing at \$ 200 M, from vendors placed across countries of the globe

- Prepared EPC tenders, managed entire tendering process and awarded major EPC packages worth of \$ **250 M**,
- Single focal point **Company Host (Lead/Manager)** to administrate EPC contractors work, responsible from execution for Permit (PTW) and Invoice approvals
- Facilitated cost control exercises; prepared cost control reports, cash flow plans; variance analysis and justifications by interfacing with Finance & Corporate Planning depts; tracked estimation process and assumptions; reviewed project internal cost estimates; conducted benchmarking with similar projects
- Successfully implemented engineering lessons learnt from past projects and value-added engineering for a high net-worth project.
- Obtained Statutory approvals in Environmental/Land permits
- Initiated cost reduction, value engineering initiatives and saved \$ **70-100 M**
- Trained junior engineers by presentations, face-to-face, past project learning, etc.

|| Refer to Annexure for details of Projects Executed

|| IT Skills

- Primavera Project Planning,
- CAESAR-II (5.0) for Piping Stress Analysis
- PDS/ SPR: ISOGEN Isometrics
- MS Office and AutoCAD

|| Personal Details

Date of Birth: 20th Jul 1977 (**Age: 40**)

Address: Villa-B-96, AKC, Alkhor, Qatar

Permanent Address: H-501, Sanskruti Society, Handewadi Road, Hadapsar, Pune - 411028, Maharashtra, India

Nationality: Indian

Marital Status: Married

Passport Details: No. Z2508404; Validity: 10-06-2023

Languages Known: English, Hindi and Marathi

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At Qatargas Opco, Ras-Laffan, Qatar (2013-2017)-Client

Title: Qatargas-1 Waste Heat Recovery and Power Generation (HRSGs/STG) Project
Type: FEED
Project Value: \$ 6 million (FEED cost), 100,000 Man-hours
Project schedule: FEED: 14 months and EPC: 04 years
FEED Contractor: Worley Parsons, Qatar
Role: Project Engineer
Scope:

- **Focal point responsible to execute FEED, Developed PMP (Project Management Plan), Execution Plan, Assurance Plan, Stakeholder engagement Plan, Information Management Plan, Risk Management Plan and Interface Management Plan; worked on Qatargas/Shell iPMS Platform**
- Performed review of Project FEED contractors' bids reviews, Design/P&IDs reviews, FRA, HAZOP, SAFOP, SIL, 30-60-90 model reviews and constructability reviews; finalized and awarded SoW
- Created EPC ITT Document Package; coordinated multi-discipline engineering activities

Title: Qatargas-1 Temporary Power Bridging Project
Type: EPC
Project Value: \$ 40 million
EPC Contractor: GE Oil & Gas (GTG & BoP supplier), M/s Medgulf, Qatar EPC
Project schedule: 28 months
Role: Project Engineer
Scope:

- Worked in close coordination with:
 - Supplier GE for procurement of Gas Turbine Package and BOP
 - Qatargas Asset Team, Operation Technical Support (OTS), SIMOPS
 - Multidiscipline Detail Engineering Team
- Monitored & executed EPC work for Piping, Mechanical, Civil, Structural, Electrical, Instrumentation, Process, SEQ & EMS Works

Title: Multiple eMOC Projects to support running plant works (onshore/offshore)
Type: EPC/FEED
Project Value: \$ 12-15 million (combined)
Role: Project Engineer
Scope:

- Executed multiple projects for different disciplines within cost and time
- Conducted conceptual study; estimated cost; planned budget; obtained approval for execution (AFE), Planned the project and made investment decisions (PPMID)
- Created inquiry documents, multi-disciplined SoW and PR for FEED & EPC contracts
- Reviewed bids; awarded FEED and EPC contracts within budget
- Coordinated civil, structural, piping, static, electrical & instrumentation works
- Reviewed critical drawings/document, designs, HAZOP, FRA, 30-60-90 model and constructability reviews
- Identified and mitigated project risks
- Enforced compliance of Qatargas policy and procedures

Title: Qatargas-NFB Offshore Platform
Type: EPC
Role: Project Engineer

Scope:

- During EPC work execution, coordinated with Maintenance, Offshore operation, SHE Team, Fire & LPE to understand the technical problems and provide execution solution with EPC contracts
 - Performed contract administration for EPC work; invoice approval, project closeout
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At Petrofac International Ltd. (2008-2013)-EPC Contractor**Title:** CPF Ph-1 Badra, Iraq**Client:** GAZPROM**Project Value:** \$ 329 million (independent responsible for - \$ 25 million project cost)**Project schedule:** EPC 24 months**Role:** Dy. Project Manager**Scope:**

- Coordinated civil, structural, piping, static, electrical & instrumentation detail engineering and site work
 - Reviewed/approved critical project drawings/document, designs, HAZOP, 30-60-90 Model reviews & constructability reviews, geotechnical reports, civil concrete & steel fab drawings and engineering document reviews
 - Independently managed 2-substations and 3-control rooms buildings
 - Handled EPC works for Temporary Facility camp for 120 men including accommodation, warehouse and lay-down facilities
 - Finalized scope for 300,000 ID for CS, SS, AS, GRE Piping; undertook site fabrication for loose material and erection of fabricated spools; executed UG works for Excavation, Piping Network, Pits, Manholes, Close & Strom Water Drain
 - Execution of 48 M floating roof tanks (20000 M3) 02 Nos; vendor execution of fabrication of columns and vessels
 - **Managed subcontracts for Civil/Structural, ME&I, including engineering BOQs, SoW, responsibility matrix, payment terms, milestone payments, schedules**
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Title: In-Salah Phase-II, Algeria**Client:** BP- Sonatrach**Project Value:** \$ 1.2 billion (independent responsible for - \$ 30 million project cost)**Period:** Feb'2011 – May'2012**Role:** Sr. Project Engineer / Delivery Manager for Static Equipment and Static **Packages**

PM / Delivery manager for Glycol-Dehydration-Regeneration Package

Scope:

- Execution of basic engineering by M/s Aker, France and detail engineering + supply + fabrication by M/s IMS, Italy
 - 36 Nos. of P&IDs; performed HAZOP for PFDs/P&IDs, 3D-Model and constructability reviews
 - Review mechanical & process data sheets; managed engineering closeouts with Aker
 - Fabricated 3 skids with 59 nos. of equipment including Glycol Contactor Columns, Vessels, Re-Boilers, Shell & Tube Exchangers, Air Coolers, Pumps, Blowers, Burners, 450 MT Structural Steel and 6,000 inch-dia Piping
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Title: CPF EL-MERK**Client:** Anadarko-Sonatrach, Algeria**Project Value:** \$ 2.3 billion (independent responsible for - \$ 80 million project cost)**Period:** Feb'2009 – Feb'2012**Role:** Dy. Project Manager**Type:** EPC**Scope:**

- EPC work of Control room (RCC), Laboratory, Kitchen Buildings (RCC), Substation Buildings
- Managed subcontracts for Civil, ME&I, technical and commercial analysis of subcontracts including bills and BOQs
- Coordinated procurement and delivery of STP, DGs, RO, Filtrations-Storage Tanks, Piping Items, Electrical Items including DGs, Transformers, Switchboards and DBs
- Execution of Waste Management area for 7000 people camp /construction waste

At Larsen & Toubro (L&T) (2007-2008)

Title: LOBS Quality Upgradation Project
Client: HPCL, Mumbai
Project Value: INR 567 CRs
Period: Dec'2007 – Dec'2008
Role: Manager Projects for mechanical, piping, steel
Scope:

- Studied and reviewed contract documents; undertook proposal and estimation
- Created project schedule 60-90 days look-ahead, WBS, S-curve, monthly & weekly progress reports, DCI, MCI and CPI
- Procured items such as vessels, exchangers, packages (Air Compressor-Dryer, Fire-Fighting Package), Piping items
- Coordinated detail engineering and site construction works

At Engineers India Limited (EIL) (1998-2007)

Title: LPG, GAIL. Gandhar- Offsite
Title: Chemical Port Terminal, GCPTCL, Gandhar
Title: FCC Revamp BPCL, Mumbai
Title: GF&EC, HPCL, Mumbai
Title: CRU, BPCL Mumbai

Role: Piping Design Engineer

Scope: Offsite Piping, Flare Lines, Flare Stack, K.O.D., Truck Loading Gantry & Pump Piping, Stress analysis, phase-II shutdown, construction of transfer line, material take-off, Extensive stress analysis of 66"-48" flare lines, pipe-supports and structural drawings review
 Extensive Stress Analysis of Heater-Reactor-Packinox Exchanger Lines, Overhead Column Lines of max size 20", 900#, Alloy Steel, Flange Leakage Check Test, Seismic, Wind, Dynamic Analysis, PSV Lines

Title: Sulfer Recovery Unit (LSTK Project), BPCL Mumbai-PMC Project

Role: Piping Design Engineer

Scope:

- Studied bid document-review of piping project documents
- Reviewed PMS, VMS, Wall thickness calculations for external and internal pressure including jacketed piping, MRs, PRs for valves, stress analysis, dynamic analysis, 3d-Model review; worked in close coordination with vendors, contractors and client

Title: Crude Storage Tanks (Terminal), Bharat Oman Refinery (BORL)

Scope:

- Discipline man-hour estimation
- Led a team of work engineers, draftsmen and designers
- Coordinated structural, civil, instrumentation, static works; design complete layout for 68 m. diameter 8 nos tanks, Performed stress analysis of tank lines (48" dia)