

CURRICULUM VITAE

Name: SUDHINDRA. MUTALIK DESAI
Nationality: Indian
Date of birth: 12th January 1961
Education: Bachelor of Engineering in its Mechanical Branch, Year 1984,
Karnataka University, Dharwad, India. Passed in First class with
Distinction.

Diploma In Business Management, (Year-1993)
Welingkar Institute of Management , Mumbai, India

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CAREER SUMMARY:

- Total experience 34 years.
- Having 20 years of Experience in Chemical & Fertiliser Engineering consultancy / EPC Companies in India.
- Having 14+ years of Experience in Oil & gas Project Turn key projects in Petrofac, UAE. Worked on Kuwait Oil Projects and proposals.
- Worked in Various departments-
Design (2years), Planning & Proposals (3 years), site (3years).
Inspection, Procurement, Project Management (25years)
- Handled Projects & Engineering assignments in India & abroad.
- Worked on MS Project planning software.

CAREER HISTORY:

Petrofac International Ltd , UAE (June 2004 -till date)- 13+ Years.

Project 1 - Lower Fars Heavy Oil (LFHO) Project- LSTK- value 4.3 Billion US\$

Current Designation - Project Delivery Manager (2015- to Till date)
Client - Kuwait Oil Company (KOC). PMC- Worley Parsons
Country - Kuwait

- Key elements of the Projects

Engineering, Procurement, Construction, Pre-Commissioning, Commissioning, of
following facilities: -

- Infield Satellite Stations (ISS) (2 nos.) including Separators, Casing Gas Compression, De-sanding, Chemical Dosing, HP Flare System, Instrument and Utility Compressed Air Systems, etc.
 - Wells Blocks 02 & 03 including Trunk and Steam Lines- 930 Wells
 - Central Processing Facility (CPF) - 2 Trains X 30,000 BOPD each Consisting of Inlet sand catchers, FWKO, Treaters, Heat Exchangers, Desalters, Induced static Flootation packages. Once Thru Steam Generators, Slop Oil Treaters, Oil removal Filters & Water treatment plants,
 - Pipelines for Export Oil, Fuel Gas, Make-up Water & Disposal Water
 - 13 in-plant Substations plus 24 package Substations in wells blocks
- Responsibility and achievements
 - In house Engineering Co-Ordination with Discipline Leads.
 - Responsible for Project all static Equipment/ packages Delivery: Engineering, Procurement /Expediting /Logistics/ delivery to site.
 - Vendors site deputations/training.
 - Co-ordination & resolution of Interface issues- PMC, Client, Engineering, QA/QC, Vendor & site.

Project 2 - Water Injection LSTK- value 510 Million US\$

Current Designation	-	Deputy Project Manager (2010- to 2014)
Client	-	Kuwait Oil Company (KOC). PMC- Worley parsons
Country	-	Kuwait

- Key elements of the Projects

Effluent Water Injection Phase 1 and Seawater Injection Phase 2 (Project EF-1071/1082) on Lump sum Turnkey (LSTK) basis.

The EF/1071 Effluent Water Injection Project comprises of modifications to existing Gathering centres (based on land in Northern Kuwait in the Sabriyah & Raudhatain fields) **GC-15, GC-25 & GC-23 for Design capacity 200 MBWPD & 150 MBWPD respectively** and the design of a new Central Injection Pumping Facility (CIPF) adjacent to the existing Central Water Injection Plant (CWIP) for **Design capacity 395.5 MBWPD which covers the requirement of Sabriyah 3700 psig, Raudhatain 3700 psig & Raudhatain 5250 psig** and the tie in of GC-24 effluent water pipeline to the CIPF. **The EF/1082 Seawater Injection Phase 2 Project** is a modification of the existing Sea Water Treatment Plant (SWTP) facility located on the coast at Subiyah.

Quantity of Designated Injectors and Well Completion type:

- a. SA-2400# System - 15 Wells (single)
- b. SA-3700# System - 11 Wells (8single & 3 dual)
- c. RA- 3700# System - 29 Wells (26 single & 3 dual)
- d. RA-5250#System - 16 Wells (single)

Electrical Systems

- 1) Connection to External Power and Distribution
- 2) Emergency Generator System with Load Bank
- 3) Modifications to existing 11Kv Substation, Raudhatain C

Instrumentation, Monitoring and Control Systems

- 1) Control Systems for Process Control, Emergency Shutdown, Fire & Gas detection and Condition, Temperature & Vibration monitoring.
- 2) RTU equipment & Modifications to existing SCADA

- Responsibility and achievements
 - In house Engineering Co-Ordination with Discipline Leads. QA/QC
 - Responsible for complete Project Procurement /Expediting /Logistics/ delivery to site.
Vendor site deputations, Commissioning, training.
 - Co-ordination & resolution of Interface issues- Engineering, Vendor & site
 - Co-ordination with PMC- Worley Parsons /KOC for procurement related activities.
 - Involved from start to project completion

Project 3 - New 40" Gas Pipeline from BS-131 to LPG Plant at MAA- LSTK value 430 Million US\$

Designation - Senior Project Engineer (2008- to 2010)
Client - Kuwait Oil Company. PMC- AMEC
Country - Kuwait

- Key elements of the Projects

Engineering , Procurement, Construction and Commissioning Services (EPCC).

The Project scope comprises a **30" gas pipeline** from Booster Station (BS-131) to Point A in North Kuwait then a **40" gas pipeline** from point A to the KNPC LPG plant at Mina Al- Ahmadi (MAA). Total length of **pipeline approximately 140km** is provided with 9 no. sectionalizing valve pits, 7 no. corrosion monitoring pits and slug catcher facilities at point A and at BS140 en-route along with laying of FO cable, RTU, SCADA and control system.

The pipeline is designed to handle **530 MMSCFD sour gas** from BS-131 to Point A and **900 MMSCFD gas** thereafter to LPG Plant.

Slug catcher Facility en-route at point A and BS-140 (each location)

- Finger type slug catcher to remove condensate: Condensate Pumps: Corrosion Inhibitor Injection skids: Gas & Condensate Metering Skids; Pipeline pig trap facility: Manual Burn Pit: Utilities & Machine Control Room.

Pipeline

- Sectionalizing valve Pits: Corrosion Monitoring Pit: RTU & SCADA: Pipeline Leak Detection System: FO cable 140km & Accessories: Hook up to existing Gas Management Centre.
- Responsibility and achievements
 - In house Engineering Co-Ordination with Discipline Leads.
 - Responsible for complete Project Procurement /Expediting /Logistics/ delivery to site.
 - Co-ordination with Vendor for site deputations/training, QA/QC.
 - Co-ordination & resolution of Interface issues- Engineering, Vendor & site.
 - Co-ordination with PMC- AMEC /KOC for procurement related activities.
 - Involved from start to project completion

Project 4 - Upgrade of existing gathering facilities- EPC- LSTK- value 600 Million US\$

Designation - Area Project Engineer (2004- to 2007)
Client - Kuwait Oil Company. PMC- AMEC
Country - Kuwait

- Key elements of the Projects

The new oil production facilities were designed for a capacity enhancement of 300,000 barrels per day, and the new gas and condensate recovery systems replaced the existing gas compressors with more efficient compression and condensate recovery units. This project covered seven oil gathering centres (GC) (GC 3,4,6,7,8,21 and 23) and two gas booster stations (BS) (BS 140, and 150).

- Responsibility and achievements

- In house Engineering Co-Ordination with Discipline Leads, QA/QC,.
- Responsible for Complete Project Expediting /Logistics/ delivery to site. Vendor site deputations,training,Commissioning.
- Co-ordination & resolution of Interface issues- Engineering, Vendor & site.
- Co-ordination with PMC- AMEC /KOC for procurement related activities.
- Involved from start to project completion

Previous Company 2 : Monsanto-DMCC- India [June,1996 - May,2005]

Project 1 - Mineral Processing Plant-Copper & Cobalt 25 Million US\$

Designation - Manager-Projects
Country - D.R. Congo. Africa.

- Key elements of the Projects

Project consisting of
55 TPD Crushing & milling unit of Copper & Cobalt ore
100 TPD Sulphuric Acid plant
Process Plant-for Copper & Cobalt salts

Project 2 - Sulphuric acid, Urea, SO2 scrubber

Designation - Manager-Projects
Country - Mumbai- India

Client - Paradeep Phosphates Ltd-India, 2 x 1000 tpd Acid Plant
Client - National Co for Sulphur Products(Riyadh)-100 tpd Acid plant-
Client: - Madras- MFL & EID Parry: Scrubber & Urea revamp Projects
Client: - Suzhou Chemicals China-3500 tpd Sulphuric Acid Palnt

Responsibility & achievement:

- Proposals & cost estimations-DAP, Aid plants, Nitric Acid etc.
- Detail Engineering Co-Ordination
- Engineering Co-ordination, Procurement, Inspection & Project Monitoring & site visits.

Previous Company 3: Dharamsi Morarji Chemical Co. Mumbai [June,1986 - May,1996]

Designation	-	Project Executive
Client	-	SPV Purwakarta (Indonesia), Sulphuric Acid Plant revamp.
Client	-	GSFC India: 1000 tpd Acid Plant & DAP Plant
Client	-	GSFC- SO2 Gas Augmentation plant-
Client	-	PPL India: 625tpd SSP-Fertiliser Plant
Client	-	GFC -Homes-Syria: Revamp 2x 800 tpd Acid Plant

Responsibility & achievement:

- Engineering Co-ordination, Procurement, Inspection of static & rotating equipment, Material handling equipment, Project Monitoring & site visits. Preparation of proposals & cost estimates.

Previous Company 4: Dalal Consultants & Engineers-Mumbai, India. [Jan 1985 -1986]

Designation: Trainee Engineer- Design

Client	-	Garware Nylon Plant- Pune-India
Client	-	Lubrizol, Mumbai India

Responsibility & achievement:

- Worked in piping, Mechanical (static & rotating) & material handling department.
- Preparation of data sheets Design of Pressure vessel, Heat Exchangers, steaming Equipment, Pumps & Material handling equipment, Bulk items
- Preparation data sheets / specifications of Piping, valve, Safety valves etc.
- TBE, Inquiry & purchase requisitions Vendor drawing checking.
- Preparation of Tender documents
