



Professional Summary

Mechanical Engineer with MBA in Operations Management and 28 years of experience in Refinery, Storage Terminal, and Water storage projects.

Planning, Construction, Inspection, Testing, and Commissioning of Tank farm projects for ADNOC, IOCL, NFL, IFFCO, ESSAR, and US Army Corps of Engineers, Water storage Projects for Google, Fujifilm, and Public Works Authorities of United States and the Cayman Islands (British Territory).

Key Skills

- Project Execution Planning, Resource Management, Budget and Cost Management, Construction Management, Project Documentation, Compliance and Safety.
- Conversant with the Construction, Inspection, Testing, and Commissioning of large-diameter fuel Storage Tanks, Cut and Cover Tanks, Glass-fused-to-Steel bolted tanks, Geodesic Domes, and Process Piping including Tie-ins and associated Civil and Structural works.
- Conversant with API 620, API 650, API 653, ASME-IX, ASME B31.3, AWWA D103
- Conversant with FIDIC, BIM360, Autodesk, HammerTech, MS Project, MS Office

Educational Qualification

- Master of Business Administration in Operations Management from ITM, Mumbai, India in 2014
- Bachelor of Mechanical Engineering from American University, Dubai, UAE in 2007
- Diploma in Mechanical Engineering from BVVS College, Karnataka, India in 1992

Certification

PROJECT MANAGEMENT

- Pursuing Executive Certification Program in Advanced Project Management from Indian Institute of Management (IIM), Visakhapatnam, India since Jul 2024
- PMP Certification Training (37.5 Hrs) from The Knowledge Academy, Mumbai, India – 2024
- PMP Certification Training (36 hrs) from MSME (Govt of India) in Mumbai, India – 2015
- Primavera (Engg & Const) 102 (Basic), 106 (Advanced) training in Mumbai, India - 2008

HEALTH, SAFETY, AND ENVIRONMENT

- OSHA - Steel Erection (Subpart R), USA – 2024
- Fall Protection Competent Person - EM385 (24 hrs) training in USA – 2024
- OSHA 30, OSHA 10, OSHA MEWP Aerial Lift, USA - 2023
- OSHA - Competent Person (Confined Space, Fall Protection, Scaffolding), USA – 2022
- Managing Safely (IOSH) in Abu Dhabi, UAE - 2008

OTHERS

- Google AI Essentials - 2024
- TOEIC Bridge Test, Cayman Islands (British Territory) – 2023

Member

- PMI (Project Management Institute) - 4152083

Achievements

- Outstanding Performance Award from US Corps of Engineers for Army project at Bagram Air Base, Afghanistan in 2010

Work Experience:

1. **Project Consultant** (May 2014 to till date) **United Industries Group, California, USA**

Nature of Projects

- EPIC of Water storage Projects for Google, Fujifilm, and Public Works Authorities of United States and Cayman Islands (British Territory).

Job Responsibilities

- Installation, Inspection, Testing and Commissioning of Glass-fused-to-Steel bolted tanks, Geodesic Domes and construction of associated Civil and Structural works.
- Planning and Coordination of all activities relating to the project.
- Preparing status reports by gathering, analysing, and summarizing relevant information.
- Obtaining customer acceptance of project deliverables.

Project Locations

- United States (Oregon, Kentucky, Tennessee, South Carolina, North Carolina and Montana)
- Cayman Islands (British Territory),
- Tinian Island, Guam and American Samoa (US Territory)

2. **Project Manager - PMC** (Oct 2012 to Jan 2014) **MUC Oil & Gas Engineering Consultancy, Sharjah, UAE**

Project : IL&FS Prime Tank Terminal a USD 115 Million project at Fujairah, United Arab Emirates consisting of Civil & Structural works, Mechanical & Piping works, Jetty Lines, Storage Tanks & Pressure Vessel works, Electrical, Instrumentation and Fire Fighting works, Testing & commissioning.

Job Responsibilities

- To assist the Owner in a timely completion of the project within the specified budget as per good industry practices and quality standards.
- Project and Construction Management
- Liaise with the Local Authorities and other service providers to support the Contractor in the acquisition of the relevant NOC's, Permits, Licences and approvals.
- Chair project meetings to ensure the effective management of the project.

3. **Project Manager** (Feb 2009 to Aug 2012) **United Industries Group, California, USA**

Nature of Projects

- EPIC of Fuel farm projects for the US Army Corps of Engineers at Bagram Air Base, Afghanistan and Al Udeid Air Base, Qatar.

Job Responsibilities

- Installation, Inspection, Testing and Commissioning of Fuel storage farm (Cut and Cover tanks).
- Planning and Coordination of all activities relating to the project.
- Preparing status reports by gathering, analysing, and summarizing relevant information.
- Obtaining customer acceptance of project deliverables.

4. **Project Manager** (Nov 2007 to Jan 2009) **Costain Abu Dhabi Company, UAE**

Project: Major overhaul of Crude Oil Storage Tanks (79 Mtrs dia tanks - 3 Nos) of M/s Abu Dhabi Marine Operating Company (ADMA-OPCO), a USD 20 Million project at Das Island, Abu Dhabi. The scope includes the replacement of entire bottom plates, partial annular plates, single deck with double deck, removal, and application of GFRP lining, Internal & external painting, restoration of tank foundation including asphalt & sub-base, etc.

Job Responsibilities:

- Planning & Coordination of all activities relating to the project.
- Submission of invoices to the Client & co-ordinate for release of payment.
- Verification & approval of the payment invoices of subcontractors & suppliers
- Drawing guidelines and plans for the site management team

5. **Senior Engineer** (Jan 2006 to Oct 2007) **Dodsal Pte Ltd, UAE**

Project: Inter Refineries Pipelines Project of Takreer (ADNOC), a USD 400 Million project.

Job Responsibilities:

- Supervise the construction of 11 Nos of large diameter fuel storage Tanks at ADNOC Mussafah Terminal.
- Fabrication, Erection, and Testing of Process piping including major Tie-ins up to 20" diameter at Abu Dhabi Refinery.
- Supervise the construction activities at ADNOC Al Ain Depot.

6. **Senior Engineer** (Jun 1998 to Dec 2005) **Artson Engineering Ltd Mumbai, India**

- **Estimation & Tendering** (Arson Head Office, Mumbai)
- **Planning & Billing** in MRPL-II Expansion Project at Mangalore, Karnataka, India (Apr'1999 to May 2001). The job involved in fabrication, erection, testing, and painting of 6 Nos single deck floating roof tanks for crude oil including tank pads, Above Ground and Underground piping.
- **Execution** activities in Essar Refinery Project at Jamnagar, Gujarat, India (June 1998 to March 1999). The job involved fabricating and erecting 10 No's product storage tanks up to 62 Mtrs dia.

Deputed to Essar Oil Limited, Mumbai Head Office as Officer Engineering (Aug 2003 to Dec 2005)

Job Responsibilities:

- **Estimation & costing** of underground product (MS & HSD) storage tanks with capacity of 15 KL, 20 KL, 30 KL, 40 KL, 50 KL & 70 KL (required for Petrol Stations). Development of tank vendors all over India and evaluation of technical & commercial offers received from them. Inspection of vendor's fabrication unit and inspection at vendor's shop during fabrication of tanks.
- **Development of vendors** for Dispensers (Pumps), DG Sets, Signage (Pylon/Monolith & others), Air compressors, Tyre Inflators, Sample containers, Multifunctional additives (MFA) for MS & HSD, Masking Compound, Hydrometers, Yellow dye, etc.
- **Evaluation of technical & commercial offers** received from the Manufacturers & Suppliers, preparation of approval notes, and coordination between the dealer and the vendor for procurement of above said items.

7. Site Engineer (Mar'1994 to May 1998) Precision Tanks & Vessels, New Delhi, India

Nature of Projects

- Kandla-Bhatinda Pipeline project of IOCL
- Vijaypur Expansion Project of NFL
- Phulpur Expansion Project of IFFCO
- Shakti Paints Project of ICI India Limited

Job Responsibilities

- Fabrication, Erection, Inspection, Testing, and Painting of Fuel Oil Storage Tanks
- Planning and Coordination of all activities relating to the project.
- Obtaining customer acceptance of project deliverables.

Project Locations

- IOCL (Kandla, Abu Road and Beawar pumping Stations)
- NFL (VijayPur, MP)
- IFFCO (Phulpur, UP}
- ICI India Ltd (Mohali Punjab)

Personal Details

Full Name : Tej Krishen Raina

Date of Birth / Age : Mar 01' 1973 (51 Years)

Nationality : Indian

Permanent Address : Borivali West, Mumbai - 400092, India

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Email : tkraina@gmail.com, tkraina@yahoo.com

Passport Details : Z5450064 Date of expiry; Feb 05' 2029

Driving License : India, UAE, International (United States)

Languages : English, Hindi, Urdu, Kashmiri, and Spanish (Beginner)

Hobbies : Videography, Video Editing, Karaoke

I certify that the information I provided is true to my knowledge.

Date : Sep 27th 2024
Place: Oregon, US


TEJ RAINA