

TEJ RAINA

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Professional Summary

Mechanical Engineer with MBA (Operations Management) and 28 years of experience in Oil & Gas and water storage projects.

Fuel farm projects for the USA Army Corps of Engineers and ADNOC, UAE

Water storage Projects for Google, Fujifilm, and Public Works Authorities of USA, American Samoa, Guam, and the Cayman Islands (British Territory).

Key Skills

- EPCC of large-diameter fuel Storage Tanks, Cut and Cover Tanks, Glass-fused-to-Steel bolted tanks, Geodesic Domes, and Process Piping including associated Civil and Structural works.
- Conversant with API 620, API 650, API 653, ASME-IX, ASME B31.3, AWWA D103
- Project Execution Planning, Resource Management, Budget and Cost Management, Construction Management, Project Documentation, Compliance and Safety.
- Conversant with 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 (35 hrs) from Big Bang Training in Mumbai, India - 2020
- 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

- Fall Protection Competent Person - EM385 (24 hrs) training in USA – 2024
- OSHA - Steel Erection (Subpart R), 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
- Spoken English Program Level- B in Mumbai, India - 2008
- Auditing of Quality Systems training in Mumbai, India -1998

Member

- PMI (Project Management Institute) -4152083

Work Experience:

1. **Project Consultant** (Feb 2009 to till date) **United Industries Group, California, US**

Nature of Projects

- Engineering, Procurement, and Construction of Fuel farms, for the US Army (US Corps of Engineers) and Water Systems for Google, Fujifilm, and Water Works Authorities of the USA, American Samoa, and the Cayman Islands (British Territory).
- Fuel Oil Storage Tanks, Glass-fused-to-Steel bolted water tanks, Geodesic Domes and associate Piping, Civil, and Structural works

Job Responsibilities

- Conducting post-project evaluation and identifying successful and unsuccessful project element
- Submitting project deliverables and ensuring that they adhere to quality standards.
- Preparing status reports by gathering, analyzing, and summarizing relevant information.
- Establish effective project communication plans and ensure their execution.
- Obtaining customer acceptance of project deliverables.
- Planning & Coordination of all activities relating to the project.
- Interacting with the Client Site Representatives and resolving various issues arising.

Project Locations

- California, Oregon, Kentucky, Tennessee, South Carolina, North Carolina, Montana
- Cayman Islands (British Territory), Tinian Island, Guam (US Territory)
- American Samoa, State of Qatar, Afghanistan

Achievements

- Outstanding Performance Award from USA Corps of Engineers (US Army project), Bagram Airbase, Afghanistan – 2010

2. **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.
- Interacting with the Client Site Representatives and resolving various issues arising.
- Preparing monthly project reports – PMR (Project Manager's Report)
- Monthly review of the progress with our HO (UK) via teleconference.
- 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

3. Senior Engineer (Jan 2006 to Oct 2007) Dodsall Pte Ltd, UAE

Project: Inter Refineries Pipelines Project of Takreer, a USD 400 Million project. The Scope includes 14 large diameter Tanks (Gas oil, ULG, Jet A1, Firewater), 728Km of Multiproduct pipelines including Major civil works (28,000Cum concreting), Mechanical (225K inch dia piping, 800 MT Equipment Erection), electrical and instrumentation works.

Job Responsibilities:

- Supervise the construction activities of 11 Nos storage Tanks at ADNOC Mussafah Terminal:
 - Double deck floating roof tank (59.70 Mtr dia x 17.96 Ht) – 1 No. (Gas Oil)
 - Double deck floating roof tanks (56.00 Mtr dia x 17.94 Ht) – 5 Nos (Gas Oil)
 - Internal floating roof tanks (36.00 Mtr dia x 17.80 Ht) – 4 Nos (Jet A1)
 - Cone roof tank (32.20 Mtr dia x 17.80 Ht) – 1 No (Fire Water)
- 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.
 - a) Process, Fire Water & Foam System Piping up to 16” Dia,
 - b) 2 Nos of product Storage Tanks (34 Mtr dia x 13.6 Ht),
 - c) Tank foundation & Pipe sleepers including HDPE Lining,
 - d) Bottom plate repair work & Internal lining of existing 2 Nos Jet A1 tanks (18 Mtr Dia)

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

- **Estimation & Tendering** (HO-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 (65 Mtrs in dia) including tank pads, A/G & U/G piping.
- **Execution** activities in Essar Refinery Project of M/s Essar Oil Limited 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 HO 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.

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

- As **Trainee Engineer & later inspection Engineer**.
The job involved in inspection, testing, and final documentation of shop-fabricated sump tanks.
- As **Site Engineer** in the Kandla-Bhatinda Pipeline project of IOCL) at Kandla, Abhu Road & Beawer.
The job involved in fabrication & erection of 2 Nos cone roof tanks at each location.
- As **Site Engineer** of the Vijaypur Expansion Project of NFL at Vijaypur, Madhya Pradesh).
The job involved in fabrication and erecting 4 Nos of tanks up to 13 Mtrs dia.
- As **Site In charge** of Phulpur Expansion Project of IFFCO at Phulpur, Uttar Pradesh.
The job involved in fabrication and erection of 13 Mtr dia tank.
- As **Site In charge** in Shakti Paints Project of ICI India Limited at Mohali, Punjab.
The job involved in fabrication & erection of 21 Nos of cone roof tanks up to 9.5 Mtr Dia.

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

Mobile No : +91 9665113440 / +91 9890211484

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

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

Driving License : India, UAE, International (USA)

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' 1st 2024
Place: Mumbai, India


TEJ RAINA