

# MUHAMMAD USMAN TUFAIL – PMP®

Lead Planning & Control Engineer

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## PROFESSIONAL SUMMARY

Results-driven Lead Planning & Control Engineer with 7+ years delivering EPC, oil & gas refinery, and infrastructure projects across Bahrain and Pakistan. Certified PMP® and Bahrain-registered Civil Engineer with deep expertise in Primavera P6 / EPPM, Earned Value Management (EVM), Critical Path Method (CPM), delay analysis, and Extension of Time (EOT) claims. Proven record of administering multi-million-dollar contracts, improving project controls efficiency by 30%, and securing contractual entitlements through delay analysis. Currently supporting BAPCO Energies projects in Bahrain with strong command of PTW systems, HSE protocols, Oracle EBS/ERP, and Power BI & Excel dashboards.

## CORE COMPETENCIES

|                              |                               |                               |
|------------------------------|-------------------------------|-------------------------------|
| Primavera P6 / EPPM          | Earned Value Management (EVM) | Critical Path Method (CPM)    |
| Baseline & Recovery Planning | Delay Analysis & EOT Claims   | Variation & Claims Management |
| Cost Control & IPC Billing   | Risk Analysis & Mitigation    | Contract Administration       |
| Oracle EBS / ERP             | Power BI Dashboards & KPIs    | Stakeholder Coordination      |
| PTW Systems & HSE Compliance | WBS & Resource Loading        | Forensic Schedule Analysis    |

## TECHNICAL SKILLS

**Scheduling & Controls:** Primavera P6 Professional, Primavera EPPM, Microsoft Project, Critical Path Method (CPM), Resource & Cost Loading

**ERP & Reporting:** Oracle EBS / ERP, Power BI, Microsoft Excel (Advanced, Pivot, Power Query), AutoCAD, Revit, Navisworks

**Project Controls Methods:** EVM, WBS Development, Forensic Delay Analysis, EOT & Variation Claims, IPC Billing, Risk Assessment, JSA

**HSE & Compliance:** Permit to Work (PTW) Systems, Oil & Gas HSE Compliance, BAPCO Refinery Safety Protocols, Job Safety Analysis

## KEY ACHIEVEMENTS

- Improved project controls and documentation systems on an Rs. 15+ Bn portfolio, increasing team efficiency by 30% and reducing reporting cycle time across four concurrent NLC projects.
- Led Bridges Task Force on the Rs. 31 Bn Jaglot–Skardu Road EPC project, delivering 8 bridges with a 20% reduction in delivery time through optimized scheduling and resource allocation.
- Successfully administered EOT, prolongation, and variation claims on multi-million-dollar contracts (NLC, MCSC), securing contractual entitlements through forensic delay analysis and SCL Protocol practices.

- Received 5 formal commendations from senior management for outstanding project performance, proactive schedule management, and quality of project controls deliverables.
- Currently administrating BAPCO Energies projects worth BHD 1.7M+ (~USD 4.5M) at MCSC — High Lift Pump House Substation Upgrade (EPC) and Fire School Building Construction.

## PROFESSIONAL EXPERIENCE

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### Lead Planning & Control Engineer

**Mechanical Contracting & Services Company (MCSC)** | Manama, Bahrain Jan 2025 – Present

**Key Projects:** *BAPCO Energies — High Lift Pump House Substation Upgrade (EPC, BHD 1.23M / ~USD 3.3M, 2-yr duration) | Fire School Building Construction (Lump Sum, BHD 481K / ~USD 1.3M, 6-month duration)*

- Manage end-to-end project planning, scheduling, and controls using Primavera P6 for two concurrent BAPCO Energies projects, including baseline development, weekly progress updating, and schedule recovery planning.
- Prepare and submit Extension of Time (EOT) claims and variation orders supported by forensic delay analysis and contractual justification, protecting the company's commercial position.
- Administer Interim Payment Certificates (IPCs), ensuring accurate quantity certification, timely submission, and full alignment with verified project progress milestones.
- Produce weekly and monthly performance dashboards and management reports using Power BI and advanced Excel, enabling data-driven decision-making by senior leadership.
- Serve as primary client interface for BAPCO Energies leading progress meetings, issuing Minutes of Meetings (MOMs), and managing formal contractual correspondence.
- Ensure strict compliance with PTW systems, HSE standards, and refinery-specific safety protocols (including H<sub>2</sub>S procedures) throughout all planning and execution phases.
- Proactively identify schedule risks and critical-path deviations, recommending and implementing mitigation strategies to maintain contractual completion dates.

### Project Planning, Monitoring & Control Engineer

**National Logistics Corporation Engineers (NLC)** | Gilgit, Pakistan

*Feb 2022 – Oct 2024*

**Key Projects:** *Gilgit–Shandoor Road Pkg-III (Rs. 15,053 M) | 50-Bed Cardiac Hospital GB (Rs. 740 M) | Sewerage Treatment Plant Pkg-5 (Rs. 640 M) | Sewage Collection System Pkg-I (Rs. 1,945 M)*

- Developed and maintained comprehensive project schedules using Primavera P6, EPPM, and Oracle EBS ERP, applying Earned Value Management (EVM) techniques across four simultaneous infrastructure projects worth Rs. 18+ Bn.
- Established project control frameworks WBS development, cost, and schedule baseline communication, and KPI tracking for performance measurement and corrective action.
- Managed delay and cost claims including EOT, prolongation, standby / idle time, price adjustment, force majeure, and day-work claims, securing contractual entitlements for the organization.
- Coordinated across engineering, procurement, and construction disciplines, reviewing subcontractor progress reports and recommending corrective actions to senior management.
- Prepared comprehensive cost, planning, and document-control reports in adherence to project coordination procedures and client reporting requirements.
- Achieved 30% improvement in project controls and documentation efficiency, significantly reducing reporting turnaround time across the portfolio.

### Project Planning & Monitoring Engineer

**Habib Rafiq (Pvt) Ltd.** | Islamabad, Pakistan

*Oct 2021 – Feb 2022*

**Key Projects:** *Capital Smart City — Multi-billion PKR Long-Term Housing & Infrastructure Development*

- Developed and maintained the master schedule, Level II and Level III plans, and resource estimates for a large-scale integrated township development project.
- Generated progress reports, monitoring dashboards, and briefing documents to track project performance and flag potential schedule risks to senior management.

## Planning Engineer / Bridge Engineer / Site Engineer

Frontier Works Organization (FWO) | Gilgit, Pakistan

Jul 2019 – Oct 2021

**Key Projects:** Jaglot–Skardu Road Upgrade including 20 Bridges (Rs. 31,000 M EPC, Fixed Price) | KKH Maintenance — 600 km, Quarterly KPI-based Contract

- Led the Bridges Task Force responsible for delivery of 8 bridges, achieving a 20% reduction in delivery time through optimized scheduling and initiative-taking resource allocation.
- Developed project schedules, tracked critical paths, and produced performance dashboards; received 5 commendations from senior management for outstanding project delivery.
- Supervised civil construction activities, coordinated subcontractors, implemented safety standards, and conducted quality inspections on a Rs. 31 Bn EPC project.
- Managed procurement activities, processed change orders, and monitored budgets to ensure smooth project execution and cost control.

## Site Supervisor

Awais Construction Company | Lahore, Pakistan

Dec 2018 – Jul 2019

**Key Projects:** Bahria Town Lahore — Housing & Commercial Works (Rs. 20 M)

- Prepared project execution plans and Gantt charts; generated integrated BIM models using Revit and Navisworks for cost estimation and clash detection.

## EDUCATION

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### Bachelor of Engineering in Civil Engineering

CGPA: 3.41 / 4.00 | 2015 – 2018

Mehran University of Engineering & Technology (MUET), Jamshoro, Pakistan

- Final Year Project: Time, Cost & Energy analysis using BIM (Building Information Modeling) for proposed building structures.

## CERTIFICATIONS & PROFESSIONAL LICENSES

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- **Project Management Professional (PMP)** Project Management Institute (PMI), Aug 2024 | Cert. No. 3904741
- **Registered Civil Engineer (RE)** — CRPEP, Kingdom of Bahrain, Nov 2025 | EPP/C2065/CE/00013-C
- **Registered Civil Engineer** — Pakistan Engineering Council (PEC), Jan 2019 | PEC CIVIL: 52251
- **Training Certifications:** Primavera P6 Professional | Primavera EPPM | Advanced Primavera P6 | Power BI with Excel | Construction Safety & Health | Permit to Work (PTW) Oil & Gas | Oil & Gas HSE Compliance

## PERSONAL DETAILS

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**Nationality:** Pakistani

**Visa Status:** Bahrain Resident  
(Transferable)

**Marital Status:** Married

**Languages:** English, Urdu, Punjabi

**Driving License:** Bahrain &  
Pakistan

**Notice Period:** 30 Days

*References available upon request*