

# Waqas Ahmad

Masters Of Construction & Project management

Planning Engineer (Civil)

Over 6 of Years' Experience

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Riyadh, Saudi Arabia

Iqama Status: Valid and Transferrable

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## **ABOUT ME**

An ambitious and dedicated Planning Engineer with up to 4 years of experience in construction project planning, scheduling, and management, and a wealth of academic credentials. Skilled in using Primavera P6, and other planning tools to develop and monitor project schedules, ensuring timely completion and cost control. Expertise in resource allocation, progress tracking, and delay analysis, with a strong understanding of construction methodologies and Saudi Arabian standards. Proven ability to collaborate with multidisciplinary teams, optimize workflows, and deliver results in both Saudi Arabia and Pakistan. Seeking to contribute technical expertise and strategic planning capabilities to drive successful project outcomes.

**Key Skills** Construction Project Planning & Scheduling; Primavera P6; Resource Allocation & Optimization; Progress Tracking & Delay Analysis; Cost Control & Risk Mitigation; Multidisciplinary Team Collaboration; Construction Methodologies & Standards; Create, Maintain and Update Baseline Schedule; Timely Completion; Vendor and Contractor Negotiations; Progress Monitoring and Reporting; Manpower Histogram S-curve.

## **WORK EXPERIENCE**

**Shandong Tiejun Electric Power Engineering China Construction Co. Saudi Arabia**

**Oct 2022-Jan 2025**

*Planning Engineer Civil*

*Umluj, Saudi Arabia*

*Project: Red Sea & Triple Bay Amaala Red Sea Project.*

*Contractor: Shandong Tiejun Electric Power Engineering China Construction Co*

*Client: Amaala Red Sea*

*Consultant: AECOM*

**Roles & Responsibilities:**

- To create and approve baseline project timelines, in collaboration with a Senior Planning Engineer.
- Extracting look-ahead schedules from the project baseline and ensure timely dissemination of milestones, durations, and other schedule-specific information to project teams and relevant departments.
- To ensure the systematic recording of start and end dates, as well as the durations of each project activity, and to collect and organize the data required to update project progress.
- Performing Earned Value Management (EVM) and Critical Path Management (CPM) techniques for project's performance analysis and quality analysis of schedules.
- Keeping thorough records of project timelines and developments in compliance with approved protocols.
- Communicating pertinent stakeholders in a clear and timely manner of any schedule updates, modifications, and any effects.
- Assessing the expenses, deadlines, and financial needs of the project.
- Tracking the project progress every day and generating accurate weekly and monthly reports.
- Making S-curve, cash flow, and man-hours histograms.
- Comparing planned and actual progress on a regular basis, record any differences, and let the project manager know about it.
- Performing quantity estimation using Plan swift software for estimating quantities of cement, sand, crushed stone, Steel and framework required for each activity.

**Metallurgical Corp. of China Ltd. (MCC)***Junior Planning Engineer Civil**Project: Construction of Villas***Roles & Responsibilities:**

- Monitored project execution against the baseline schedule using Primavera P6, ensuring adherence to timelines and milestones.
- Conducted resource allocation and workload balancing to optimize productivity and reduce downtime.
- Generated comprehensive project reports for senior management, highlighting key performance indicators (KPIs) and progress updates.
- Creating Material Procurement log to Identify procurement needs and ensured timely delivery of materials to avoid project delays.
- Collaborated with site engineers to ensure compliance with safety standards and quality control measures.
- Assisted in the development of project baselines and updated schedules to reflect changes in project scope.
- Generated daily, weekly, and monthly progress reports to track project performance against the baseline schedule.
- Making S-curve, cash flow, and man-hours histograms.

**Dec 2021 - Oct 2023***Yanbu, Saudi Arabia***M/s Haji Muhammad Latif Khan & Co.****SITE ENGINEER****Roles and Responsibilities:**

- Ensuring serviced Earthwork, Asphalt & Structural activities such as Bridge (1 KM flyover)
- Supervised on-site construction activities, ensuring compliance with construction drawings and specifications.
- Prepared Bar Bending Schedules (BBS) and ensured accurate material procurement.
- Monitored environmental and safety standards to maintain a safe working environment.
- Conducted regular site inspections to ensure quality control and adherence to project timelines.
- Coordinated with project managers to resolve on-site issues and ensure smooth project execution.
- Initiating and preparing RFI for both Site work and materials to ensure timely and efficient inspections
- Inspect all civil works, including concrete pouring, reinforcement installation, and soil compaction.
- Conduct material inspections and ensure compliance with project specifications.
- Review and ensure that all construction activities meet safety and quality regulations.
- Maintain quality records and assist in resolving non-conformance reports.
- Perform daily inspections of site works and issue reports to senior engineers.
- Coordinate third-party testing of materials and structural elements.
- Report directly to the Senior site Engineer regarding any quality issues.
- Assist with the development and implementation of quality assurance procedures and processes.
- Ensure that all work meets the specified standards of the client and regulatory bodies

**Jan 2019 - Dec 2021***Islamabad, Pakistan***COMMUNICATION AND WORKS DEPARTMENT (C&W)****TRAINEE ENGINEER***Project: Renovation of Hayatabad Medical Complex (HMC) building, Peshawar***Roles and Responsibilities:**

- Made sure that the work was being performed as per specified drawings.
- Supervision of brick masonry work on-site.
- Studying and understanding of Drawings.

**Jun 2018 - Sept 2018***Peshawar, Pakistan***ASSOCIATED CONSULTING ENGINEERS (ACE)****TRAINEE ENGINEER**

- Studying and understanding of Drawings.
- Performing Material tests in Laboratory and On-Site.
- Supervision of Earthwork and Asphalt Activities.
- Supervision of Structural activities including Bridges and Box Culverts.

**Jan 2018 - Apr 2020***Islamabad, Pakistan*

## **EDUCATION AND TRAINING**

**CECOS University of IT and Emerging Sciences, Peshawar**

*MASTERS IN CONSTRUCTION ENGINEERING AND MANAGEMENT*

*Major Unit: Construction Project Administration, Construction Planning, Scheduling & Control, Building Information Model, Contract Management, Economic Decision Analysis in Construction, Methods and Equipment's, Environmental Impact Assessment, Research Methodology,*

**University of Engineering & Technology, Taxila**

*B.SC CIVIL ENGINEERING*

## **SKILLS**

### **Digital Skills:**

- Primavera P6
- MS Excel
- MS PowerPoint
- AutoCAD
- GIS
- ETAB
- BIM (Revit 3D)

### **Organizational Skills:**

- Team Management
- Communication Skills
- Self-Motivated
- Leadership Qualities
- Negotiation Skills

## **CERTIFICATIONS**

- **Primavera P6:** Completed above mentioned course offered by International Association of Project Managers (IAPM) collaboration with Project Management Hub and CECOS University of IT & Emerging Sciences
- **Primavera Basic:** Completed above mentioned course online offered by Planning Engineer, FZE
- **Construction Project Management:** Completed above mentioned course online offered by Planning Engineer, FZE
- **AutoCAD:** Completed above course offered by Government of Pakistan under DigiSkill program ID: G5ZTDYZPQ
- **Environmental Management Essentials:** Completed above course offered by SHEilds ID: 6040278845WA

## **MEMBERSHIPS AND CPDs**

- **PEC Membership:** Registered Engineer Pakistan Engineering Council (PEC Reg No. CIVIL/58132)
- **CPDs:**
  1. Risk assessment and Management.
  2. Leadership and Engineering: A Dichotomy or Misunderstanding.
  3. Self-discovery with talent management achieving excellence in your professional career.
  4. Time and stress management: Find your balance.
  5. Artificial Intelligence: Implication for technologies

## **PROJECT**

- Strength and Durability of Recycled Concrete using Steel Fiber, Plastic Fiber, Polypropylene Fiber