

Waqas Ahmad

Planning Engineer | Civil Engineer | Up to 7 Years' Experience (Construction)

Riyadh, Saudi Arabia

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Iqama Status: Valid And transferrable

ABOUT ME

A driven and detail-oriented Civil Engineer with overall 7 years' experience and 5 years' experience as a Planning Engineer. Proficient in Project management tools like Primavera P6, with strong leadership and problem-solving skills. Seeking to advance to a Planning Engineer role where I can further refine my expertise in creating project baseline and contribute to efficient project execution. Long term objectives include progressing into project management, utilizing my technical and leadership abilities to lead successful, large scale construction projects

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

AZMEEL CONTRACTING COMPANY

Jul 2022-Jan 2025

PLANNING ENGINEER

Jeddah, Saudi Arabia

Client: Ministry of Housing

Consultant: Abnia Consulting Engineers

Project Details: The Ministry of Housing and National Housing Company were constructing these Housing Flats project in Talal Ul Ghroob, which consisted of 78 building flats. The site occupied 2.76 square kilometers and was located near Talal Ul Ghroob, Jeddah, Saudi Arabia

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.

ATTA'A AL-MUSTAQBAL CONT. EST

Sept 2020 - Jul 2022

JUNIOR PLANNING ENGINEER

Islamabad, Pakistan

Client: SWCC(Saline Water Conversion Corporation)

Designer: IDOM

Project: RJPH 2(World Largest Water Desalination Plant Al Jubail)

Roles & Responsibilities:

- Working on several project buildings, including RO buildings, substations, pump stations, and certain office buildings like administrative and workshops.
- To develop weekly and monthly updates, resource histograms, S-Curves, and time schedules in collaboration with the project manager.
- Developing weekly and monthly construction programs along with their reports.
- Creating updated plans or crash programs, in case the original baseline approved program is not met, in order to deal with the delays.
- To keep track of any labor, material, or equipment shortages or surpluses on site by comparing the planned and actual resource levels/requirements.
- Monitoring and tracking of all civil works, such as finishing, brick masonry, and concrete works.
- Performing quantity estimation using Plan swift software for estimating quantities of cement, sand, crushed stone, reinforcement, and formwork required for each activity.

NAYYAR ALI DADA & ASSOCIATES

Dec 2018 - Aug 2020

ASSISTANT RESIDENT ENGINEER

Islamabad, Pakistan

Client: United States Educational Foundation Pakistan (USEFP)

Contractors: Astral Constructors (Pvt). Ltd

Project: Construction of 6-Storey United States Educational Foundation Pakistan (USEFP) Headquarters Building in Islamabad, Pakistan. It was 6 stores building with having a total covered area of 103, 000 Sq-ft.

Roles and Responsibilities:

- Ensuring strong & timely coordination among the Client, Contractor, & Designers for all kind of site-related issues.
- Dealing with all the stakeholders & arranging meetings with them for decision-making & dispute resolution.
- Resolving on-site drawings-related issues with the Contractor & discussing them with Designers, if required.
- Maintaining record of all correspondence among the Client, Contractors & Consultants, including Check Requests, Technical Submittals, Survey Works, Test Results, and Site Instructions, etc.
- Preparing monthly progress reports.
- Producing quantity estimates.
- Conducting site inspections to ensure the quality control of work being done on site as per AISC and ACI standards.
- Supervising & checking strength testing of steel, concrete, bricks, aggregates & other quality control tests like Schmidt Hammer Test, FDT Test, etc. as per required standards and specifications i.e. ASTM, AISC, and ACI, etc.

COMMUNICATION AND WORKS DEPARTMENT (C&W)

Jun 2018 - Sept 2018

Trainee Engineer

Peshawar, Pakistan

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.

ASSOCIATED CONSULTING ENGINEERS (ACE)

Jan 2018 - Apr 2018

TRAINEE ENGINEER

Islamabad, Pakistan

- 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.

EDUCATION AND TRAINING

CECOS University of IT and Emerging Sciences

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
- **AutoCAD:** Completed above course offered by Government of Pakistan under DigiSkill program ID: G5ZTDYZPQ

MEMBERSHIPS AND AWARDS

- **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