

Akhtar Rasul

Scheduling & Planning Engineer – (Immediately Available)

15 years of overall experience in Project Planning and execution of Projects involving Engineering, Procurement, Construction & Commissioning in Multi-Storey Buildings, FAÇADE, MEP works, Water and Sewerage Treatment Plants and Infrastructure works. Expertise in Primavera Project Planner, Enterprises & MS Project for scheduling, cost & resource loading / leveling and progress monitoring.



Education

B.Sc Civil Engineering from University of Engineering and Technology, Lahore, Pakistan (2003 - 2006)

Training / Workshop

- Project Management Professional (35 contact hours / PDUs)
- Project Planning and Scheduling - Pakistan Engineering Congress
- The Concept of Roller Compacted Concrete Dams – Dr M. H. Dunstan (United Kingdom)

Affiliation

Member of Saudi Council of Engineers
Member of Pakistan Engineering Council

Professional Experience

WORK EXPERIENCE (From Present to Past)

A.) Employment History:

Dec, 2019 ~ to date

Arch. Center Consulting Architects and Engineers

Project : Presidency State Security - Riyadh (Worth 100 Million USD)

Position : Senior Scheduling & Planning Engineer

Duties and Responsibilities:

- Ensure contractors compliance with the Contract requirement in their baseline and cost loaded schedules.
- Monthly site visits to cope the progress of works accordingly WBS.
- Coordinated activities among the design groups on the project.
- Track, monitor and evaluate the contractors work progress on bi-weekly and monthly basis.
- Perform Earned Value Analysis and producing reports (KPI's i.e EV, SPI, CPI) to senior management.
- Assessment of mitigation / recovery plans to prevent any future delays of the program.
- Pre-assess time extension claims and report to senior management accordingly.
- Highlights risks and issues and analysis of their effect on project schedule and management plan.
- Attend progress meetings with end user, project management, authorities.

March, 2018 – November, 2019

National Logistics Cell - NLC

Project : Higher Education Commission HEC – UET Narowal Campus Project (Worth 100 Million USD)

Position : Assistant Project Manager

Duties and Responsibilities:

- Prepare and Monitor of weekly site activities for execution.
- Preparation of Shop Drawings and Variation orders accordingly site conditions.
- Prepared and evaluated sub-contractors running bills based on actual site work done.
- Supervision of ensuring scope of work and standards (ACI, ASTM, AASHTO, BS) of following items:
 - Earthworks.
 - Concrete works.
 - Building Finishing works.
 - External works including roads.
- Managing in-flows for material supplies.

May, 2016 – January, 2018

NKY Architects and Engineers

Project : Ministry of Interior – King Abdullah Bin Abdul Aziz Project – KAP2C (Worth 300 Million USD)

Position : Senior Scheduling Engineer

Duties and Responsibilities:

- Ensure contractors compliance with the Contract requirement in their baseline and cost loaded schedules.
- Daily site visits to cope the progress of works accordingly WBS.
- Coordinated activities among the design groups on the project.
- Track, monitor and evaluate the contractors work progress bi-weekly and monthly basis.
- Perform Earned Value Analysis and producing reports (KPI's i.e EV, SPI, CPI) to senior management.
- Prepare mitigation / recovery plans to prevent any future delays of the program.
- Pre-assess claims time extension and report to senior management accordingly.
- Highlights risks and issues and analysis of their effect on project schedule and management plan.
- Attend progress meetings with end user, project management, authorities; preparing and issuing minutes of meetings.

February, 2015 – March, 2016

ETE Building Division

Project : Ministry of Finance – Salwa Housing Project (Worth 290 Million USD)

Position : Senior Scheduling Engineer

Duties and Responsibilities:

- Prepare Resource Loaded Schedules in Primavera P6.0.
- Identified Projects Deliverables and Defining WBS and Milestones.
- Identified Critical Path of the Project and take stakeholders' consensus on completion date.
- Supervises the activities and work of subordinates to ensure that all work within a specific area of the Planning & Cost Control unit activity is carried out in an efficient manner.
- Monitor Project Status and Prepare Bi-weekly Progress Reports, S Curves and submitting to Client and Management.
- Earned Values Analysis, Compare Project Progress against Baseline, Identify areas where progress is lagging, forwarding recommendations to catch up the progress and preparing of catch up plans.

October, 2013 – January, 2015

A & B Group

Project : Technical Building – Mobily, Jeddah – Fitout Facility Building (Worth 200 Million USD)

Position : Senior Scheduling Engineer

Duties and Responsibilities:

- Decision on the most appropriate engineering techniques and sequences of activities for each project stage.
- Plan Manpower and equipment resources, receiving quotations, negotiating with suppliers and then forwarding quotations to commercials department for contract finalization.
- Generate critical milestones for construction.
- Making estimations for timescales and costs.
- Supervise the project at all stages and provide solutions to problems.
- Collaborating with site managers, surveyors, engineers, site worker and other professionals.
- Organising the transportation of materials.
- Provides planning assistance at the tender stage of a project to ensure accurate proposal development.
- Drawing plans; using specialised design software packages.
- Ensuring plans meet the client's specifications.
- Ensuring procedures are carried out safely.

June, 2012 – September, 2013

MASCO, Riyadh, Saudi Arabia –Infrastructure & Water Resources Division

Project : Various

Position : Planning Engineer

Duties and Responsibilities:

- Responsible for Preparing the Project Master Schedule using Primavera Project Planning Tool & preparing cash-flows in consultation with Project Manager / Div. Managers for Madina Sewage Treatment Plant, Unaiyza Sewage Treatment Plant, Water Transfer Project Tabuk and Various Water Pipe Line and Sewage Lines Network and Pumping Stations in Jizan Area.
- Monitor the Construction Schedule against the Actual Construction on site on a weekly basis and preparing project percentage complete report and S-curves based on percentage/cost.

- Develops project's work breakdown structure and ensure all activities are accounted for and considered in the project plan.
- Development of detailed project schedules in accordance with the contract requirements.
- Supervises the day to day operations of Planning & Cost control providing guidance in facilitating related professional work processes in order to achieve high performance standards.
- Reviews planning and scheduling documentation and identifies ambiguities, risks and key issues to be considered by the project team.
- Provides planning assistance at the tender stage of a project to ensure accurate proposal development.
- Generate critical milestones for the construction stage for inclusion in tender documents through detailed discussions with the Design Manager, evaluation of interfaces between buildings /infrastructure.
- Estimate change of orders including breakdown (Labor, Equipment & Material).
- Establish and monitor construction work schedules. Monitoring actual rates and compare with budget.
- Preparation of final BOQ for "Madinah Sewerage Treatment Plant" and attend meetings with client for checking / approval of BOQ (Total Cost=400 Million SR).

November, 2011 – May, 2012

Nippon Koei (Japan) and Dolsar Engineering (Turkey) in association with DMC, NDC and PES

Project: Dasu Hydropower Project (DHP) (Worth 4300 Million USD)

Position: Construction Material Engineer

Dasu is a Roller Compacted Concrete (RCC) dam. Dasu town is situated D/S of Diemer Basha Dam. The power generation capacity is 4720 MW with almost 230 m dam height. As a Material Engineer, I have been involved in the Inception Report, Construction Material Investigation – plan, quantities and schedule as well as site investigations for construction material.

Duties and Responsibilities:

- Preparation of construction material investigation program.
- Preparation of technical specifications for testing.
- Preparation of initial RCC mix design for trial mix.
- Estimation of quantities of roller compacted concrete for testing as well as trial mix program.
- Conducted site investigations for Construction material surveys with Contractor.
- Additionally, preparation of Proposed Implementation Schedule on Microsoft Project Planner for construction phase. (Special assignment from Japanese Project Manager – Motohiko IJIMA)

October, 2009 – November, 2011

NESPAK-DMC-AAB Joint Venture

Project: Punjab Irrigated Agriculture Investment Program (PIAIP) (Worth 100 Million USD)

Position: Technical Engineer

This is the oldest System of Irrigation in Punjab which includes Rehabilitation and Upgradation of Thal Canal System, Pakpattan Canal System, Trimmu Barrage, Suleimanki Barrage As an Engineer I have been working on Thal Canal System and involved in the preparation of Bill of Quantities and Engineer's estimate.

Duties and Responsibilities:

- Preparation of Proposed Implementation Schedule on Primavera Project Planner and Microsoft Project Planner. Additionally, involved in the preparation of Proposed Construction Schedule for Khanki Barrage on special advice of Project Manager PIAIP.
- Preparation of Bidding Documents for Trimmu and Suleimanki Barrage.
- Preparation of Bill of Quantities (BOQ).
- Conducted condition survey of structures of selected channels and made assessment of damages to rehabilitate the structure.
- Comparison of discharges between capacity statement and their longitudinal sections.
- Processed the data and prepared the design of channels proposed for lining.
- Attend meetings with client for checking/approval of BOQ, Rate analysis.
- Collected the drawings of data of channels and structures of Canal System.

October, 2007 – September, 2009 (Project Completion)

NESPAK-NDC Joint Venture

Project : Detailed Design Consultancy of Islam Barrage (Worth 50 Million USD)

Position : Technical Engineer

Duties and Responsibilities:

- Preparation of Proposed Project Implementation Schedule by using Primavera (P3.1) and Microsoft Project Planner.
- Involved in preparation of bidding Documents i.e. Technical Specifications, Special Provisions.
- Preparation of Bill of Quantities (BOQ).
- Give input in Monthly Progress Reports.
- Attend meetings with client for checking/approval of Bidding documents, BOQ, Rate analysis.

January 2007 – October 2007

Saadullah Khan and Brothers (SKB)

Project: Construction of Model Town – Garden Town canal Underpass, Lahore, Pakistan (Worth 5 Million USD)

Position: Civil Inspector

Duties and Responsibilities:

- Inspection of Concrete Work, Building (sump pump) works and Earth Works according to specifications and standards (ACI, ASTM, AASHTO, BS).
- Inspection of Road work crossing the canal.
- Monitor quality system according to the approved quality plan and upgrade / revise quality plan for new or revised jobs.
- Compile and review the Civil Quality Documents for final handing over to Client.
- Inspection of batching plant and Laboratory.
- Inspection and approval of different construction materials according to the project specifications and standards (ACI, AASHTO, BSS).

Computer Skills & Languages

Engineering Tools:

Oracle Primavera P6 V.20

MS Project,

Microsoft Office Suites,

Auto Cad

SAP2000, GIS (Global Information System)

MS Power BI

Packages

MS Office, Excel

MS Power Point,

MS Word, Adobe Acrobat, Corel Draw

Languages

English, Urdu, Punjabi

Arabic – Basic user

Personal Information

Date of Birth : February 26th, 1984
Driving License : Valid Driving License (Saudia & Pakistan)
Marrital Status : Married
Residential Status : Transferable Iqama
Permanent Address : 186-B Eden City New Airport Road Lahore Cantt, Pakistan
