

Akhtar Rasul

(Civil Site Engineer / Quantity Engineer / Planning Engineer)

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Education

B.Sc Civil Engineering from University of Engineering and Technology, Lahore, Pakistan (Mar, 2007)

Training / Workshop

- Project Planning and Scheduling - Pakistan Engineering Congress
- The Concept of Roller Compacted Concrete Dams – Dr M. H. Dunstan (United Kingdom)
- Basic Fire Fighting & Fire Truck Skills- Saudi Arabia

Affiliation

Member of Saudi Council of Engineers

Member of Pakistan Engineering Council

Member of Pakistan Engineering Congress

Professional Experience

WORK EXPERIENCE (From Present to Past)

A.) SUMMARY/SKILLS

A result-oriented professional with above 11 years of rich experience in Project Management/Controls, Consulting, Site Management & Team Management with a flair for adopting modern project execution methodologies, systems in compliance with quality standards. Expertise in swiftly ramping up projects with competent cross-functional skills and on time execution holds the distinction of successfully executing Planning (Primavera P6), MEP, Facade, High rise structures. Projects across the career span (Building, Infrastructure & Pipeline Projects) having core Functional Strengths in Project Management, Project Planning, Monitoring, Reporting & Control through Primavera Project Planner tools. Seeking middle managerial assignments in Project Management & Project Control. Excellent project management capability, superior problem-solving, teamwork & leadership ability. Right now I wish to join a Company known for its industry-leading talent, unparalleled portfolio and unmatched commitment to customer success.

My experience in Pakistan was with various consultants and private authorities such as NESPAK (National Engineering Services, Pakistan) and SKB (Saadullah Khan and Brothers) where Various infrastructure projects I handled, such as Buildings, Infrastructure, Roads, Drainage system, Concreting, Slope Protection. My experience in Saudi Arabia was mostly with Contractors dealing with Water Treatment Plants, Sewerage Treatment Plants, Technical office Buildings and Housings. Currently, I am working with Contractors on identical buildings for UET (University of Engineering and Technology) Narowal campus project.

B.) Employment History:

27th March 2018 – 19th November 2018

National Logistics Cell - NLC

Project : Higher Education Commission HEC – UET Narowal Campus Project

Position : Assistant Project Manager

Duties and Responsibilities:

- Supervision of Earthworks ensuring scope of work and standards.
- Supervision of Concrete works ensuring scope of work and standards.
- Supervision of Building Finishing works ensuring scope of work and standards.
- Supervision of External works including roads ensuring scope of work and standards.
- Preparation & Monitoring of weekly site activities.
- Preparation & Evaluating sub-contractors running bills based on actual site work done.
- Managing in-flows for material supplies.

08th May 2016 – 20th January 2018

NKY Architects and Engineers

Project : Ministry of Interior – King Abdullah Bin Abdul Aziz Project – KAP2C

Position : Site Planning Engineer

Duties and Responsibilities:

- Ensuring contractors compliance with the Contract requirement in their baseline schedules and cost loaded schedules.
- Daily site visits to cope the progress of works accordingly WBS.
- Coordinated activities among the design groups on the project.
- Compared project engineering progress against approved schedules, evaluates changes and takes corrective action when required.
- Tracking, monitoring and evaluating the contractors work progress.
- Performing Earned Value Analysis.
- Producing reports to senior management in regards with the program schedule update, cash flow, earned value management system and program milestones status.
- Preparing mitigation / recovery plans to prevent any future delays of the program.
- Act as a Delay Analyst on major claims and disputes.
- High level expert report writing in assistance to the Area Manager (RE).
- Providing all the possible advices to the client keeping in view the claim type.
- Supported the provision of specialist expert advice on all alternative dispute resolution subject areas.
- Also, undertook FDT (Field Density Testing) as an additional work alongwith other routine site inspections in case of replacement of engineers.

12th February 2015 – 28th November 2015

ETE Building Division

Project : Ministry of Finance – Salwa Housing Project

Position : Site Planning Engineer

Duties and Responsibilities:

- Inspection of the construction works and ensures it is going on according to the plan.
- Daily site visits to cope the progress of works accordingly WBS.
- Preparing Resource Loaded Schedules in Primavera P6.0.
- Identifying Critical Path of the Project and taking 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.
- Monitoring Project Status and Preparing Daily / Weekly Progress Reports, S Curves and submitting to Client and Management.
- Calculating Earned Values, Comparing Project Progress against Baseline, Identifying areas where progress is lagging, forwarding recommendations to catch up the progress and preparing catch up plans.
- Analyzes CPM schedules and recommends work-arounds and schedule improvement ideas
- Interacts with engineering and construction personnel to understand and communicate issues and conflicts that impact the schedule
- Highlighting areas of concerns to Client and Management.
- Identifying Projects Deliverables and Defining WBS and Milestones.
- Also involved in preparation of quantity take-offs for new projects.

15th October 2013 – 05th January 2015

A & B Group

Project : Technical Building – Mobily, Jeddah

Position : Site Planning Engineer

Duties and Responsibilities:

- Identifying Projects Deliverables and Defining WBS and Milestones.
- Daily site visits to cope the progress of works accordingly WBS.
- Preparing Resource Loaded Schedules in Primavera P6.0.
- Identifying Critical Path of the Project and taking stakeholders consensus on completion date.
- Responsible for Preparing Look Ahead Schedules (4 weeks, 6 weeks & 8 weeks).
- Monitoring Project Status and Preparing Daily / Weekly Progress Reports, S Curves and submitting to Client and Management.
- Calculating Earned Values, Comparing Project Progress against Baseline, Identifying areas where progress is lagging, forwarding recommendations to catch up the progress and preparing catch up plans.
- Highlighting areas of concerns to Client and Management.
- Estimating the cost of additional jobs, forwarding to client and getting approval.
- Identifying Scope variation from original Package and obtaining client's approval.
- Preparing Bill of Materials from construction drawings. Follow up with Procurement department for timely delivery of materials.
- Planning Man Power and equipment resources, receiving quotations, negotiating with suppliers and then forwarding quotations to commercials department for contract finalization.
- Preparing Man Power and Equipment Histograms in line with Project Requirements.
- Preparing Organization Charts and Communication Plans of the projects.

20th June 2012 – 02nd September 2013

MASCO, Riyadh, Saudi Arabia –Infrastructure Division

Project : Various

Position : Planning Engineer

Duties and Responsibilities:

- Working as a Planning Engineer in Infrastructure Division of Company.
- Responsible for Preparing the Project Master Schedule using Primavera Project Planning Tool & revenue 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.
- Produce cash flows in Primavera and work with Project Cost Managers.
- 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.
- 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.
- 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.
- Record and report the actual progress of the work versus the planned work.
- Ability to 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 etc. (Total Cost=400 Million SR).

03rd November, 2011 – 04th May, 2012

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

Project: Dasu Hydropower Project (DHP)

Position: Construction Material Engineer

Dasu is a Roller Compacted Concrete (RCC) dam. Dasu town is situated D/S of Diامر 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.
- Attend meetings with client for checking of quantities.
- Additionally, preparation of Proposed Implementation Schedule on Microsoft Project Planner for construction phase. (Special assignment from Japanese Project Manager – Motohiko IIJIMA)

15th October, 2009 – 02nd November, 2011

NESPAK-DMC-AAB Joint Venture

Project: Punjab Irrigated Agriculture Investment Program (PIAIP)

Position: Junior 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 etc. As a Junior 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 Engineer's Estimates and Unit Rate Analysis.
- 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 etc.
- Collected the drawings of data of channels and structures of Canal System.

23rd October, 2007 – 30th September, 2009 (Project Completion)

NESPAK-NDC Joint Venture

Project : Detailed Design Consultancy of Islam Barrage

Position : Junior Engineer

Duties and Responsibilities:

- Preparation of Proposed Project Implementation Schedule by using Primavera (P3.1) and Microsoft Project Planner.
- Preparation of Cost Estimates and Unit Rate Analysis.
- 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 etc.

15th January 2007 – 15th October 2007

Saadullah Khan and Brothers (SKB)

Project: Construction of Model Town – Garden Town canal Underpass, Lahore, Pakistan

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 etc).
- 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.
- Inspection of batching plants and Laboratory.

- Inspection and approval of different construction materials according to the project specifications and standards (ACI, AASHTO, BSS etc.).
- Compile and review the Civil Quality Documents for final handing over to Client.

Computer Skills

Engineering Tools:

Primavera (Project Planner V.8.4), MS Project, Auto Cad, SAP2000, GIS (Global Information System) – Basic user.

Packages

MS Office, Excel, Power Point, MS Word, Adobe Acrobat, Corel Draw.

Personal Information

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