

Umer Fiaz – Civil Engineer (Construction/Site Supervision)

Professional Synopsis

Astute, confident and result driven Civil Engineering professional, with 9+ years' work experience including 6 years' experience in Saudi Arabia, and the remaining period in Pakistan in the field of construction and project implementation with reputed establishments. Well versed in Project Planning & Management, execution of projects, Resource Planning & Control, inspecting project sites to monitor progress and ensuring conformance to design specifications and safety of large-scale projects. Deep understanding of all rules and regulations of different authorities like Saudi Municipality and Pakistan authorities; Possess a long track record of ensuring timely delivery of record number of projects with reputed organizations at various locations in Saudi Arabia and Pakistan, with highest quality, safety, within budget by effectively organizing, managing and utilizing all the available resources. A resourceful and result oriented team leader and player with excellent interpersonal and decision-making skills with positive approach to problem solving. In pursuit of new endeavors, to utilize the acquired skill and competencies gained over the years.

Personal Information

- Father's name : Fiaz Asghar
- Passport Number : BW 8910012
- Iqama Number : 2348740347 (Transferable)
- Temporary Address : Ar Rabwa Area – AR Riyadh – Saudi Arabia
- Permanent Address : House#834, Block M, Farid Town, Sahiwal, Pakistan
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Educational Background

- **B.Sc. Civil Engineering (2009)** University of Engineering and Technology, Lahore, Pakistan
- **Bachelors in Arts (2010)** University of Punjab, Lahore, Pakistan
- **Intermediate Pre-Engineering (2005)** Divisional Public School and Inter College, Sahiwal.
- **Matriculation (2003)** Divisional Public School, Sahiwal

Professional Experience

Riaz Construction Company, Sahiwal, Pakistan Site Engineer: Sep 2009 – Dec- 2010

Duties and Responsibilities

- ✓ Responsible for the execution and supervision of the site activities pertaining to road works.
- ✓ Reviewed Tender documents including Scope of work, tender drawings and specifications. Prepared work schedule by using Primavera Project Planner

- ✓ Addressed queries to the consultant for Technical Clarifications or Missing Quantities.
- ✓ Handled & maintained all tender documents, drawings and associated revisions.
- ✓ Issued enquiries to suppliers/ subcontractors, evaluating quotations received.
- ✓ Prepared Material or Quantity take-off, and performed Rate Analysis & Pricing of BOQ.
- ✓ Assisted the project engineer in overseeing and assessing the progress of the construction projects
- ✓ Interpreted the drawings and measurements to the workers and marked the actual location on site.
- ✓ Developed and maintained design documents of construction projects to facilitate easy reference.
- ✓ Coordinated with suppliers, sub-contractors, and handled multiple projects simultaneously.
- ✓ Maintained daily registers of work with details of works carried out, material used for the works and details of workmen engaged for the work
- ✓ Inspected the construction site and ensured that all safety norms and quality measures are being followed.
- ✓ Made sure that the project proceeds on time and arranged for working overtime as and when the project was lagging behind
- ✓ Conducted progress review meetings with consultants and resolved all issues concerning to project implications.

Key Project

- ✓ Dualization of roads in Pakpattan district and Rehabilitation and Improvement of roads in Kassowal region.

Rasheed Al Owaidah Contracting Co. Riyadh, Saudi Arabia. **Bridge Engineer: Sep 2011 – Aug 2012**

Duties and Responsibilities

- ✓ Monitored all construction activities regarding Road Works, Bridges/Flyover, Underpasses, Culverts, Drainage and Ancillary Works.
- ✓ Performed the construction supervision of Pre-Casting and Erection of concrete panels, huge Highways Embankment of selected filled materials in layer wise compaction with Synthetic Reinforce Strips embedded.
- ✓ Monitored all road tests like CBR, FDT, Proctor, Soundness, Gradation, Los Angles Abrasion Test, Marshal Stability Test, Bitumen Extraction Test etc. and evaluated the test results.
- ✓ Supervised the Asphaltting of roads and infrastructure works including Storm water drainage system.
- ✓ Visited the Project site regularly to review the progress of project activities, resource usage and costs incurred relative to the data date.
- ✓ Communicated sensitive Project problems, issues, conflicts, changes and project progress to concerned sections.
- ✓ Planned all activities from earthwork to asphalt including the side drains & culverts to accomplish the project well within schedule.
- ✓ Reviewed operational process and installations to ensure that the subcontractors comply with the design, standards and specifications of the contract documents.

Key Project

- ✓ **Al Kharj to Riyadh-Dammam Expressway, Saudi Arabia:** The project of Al Kharj to Riyadh-Dammam Expressway, Saudi Arabia was designed for a speed of 125 kms per hour. It includes 77 kms of 6-lane limited access highway, 15 kms of

feeder roads, 10 interchanges and one Wadi Bridge (Dualization Riyadh-Kharj Road and Interchanges). The net value of project was SR 800 million. I was responsible for construction of 2 overhead bridges (IC-5 & IC-6) and 1 interchange (IC-7)

**Lahore Waste Management Company (LWMC),
Assistant Manager Operations: Oct 2012 - Jun 2013**

Duties and Responsibilities

- ✓ Assisted Manager Ops. In respective area to manage waste management.
- ✓ Managed the outsourcing of Solid Waste Management services for the six cities of Punjab that is Multan, Faisalabad, Gujranwala, Sialkot, Rawalpindi and Murree.
- ✓ Prepared Bidding document, Inception reports, Situation Analysis reports, Planning & Design reports and Technical Specification reports.
- ✓ Monitored and inspected the general cleanliness condition in Shalimar Town, Lahore as per agreed Key Performance Indicators (KPI's).
- ✓ Supervised the construction of Landfill site at Lakhodair, Lahore according to International standards. This includes construction of Weigh Bridge, Roads Infrastructure, Landfill area etc.
- ✓ Supervised and monitored the placement of containers and waste bins at appropriate locations and timely lifting of waste.
- ✓ Monitored that Door-to-Door collection system of solid waste is in place in all Urban UCs.
- ✓ Monitored that manual sweeping is done by ensuring attendance of sanitary workers and report submitted.
- ✓ Monitored the operations of SWM contractors and regularly submitted reports to Manager (Ops.)
- ✓ Ensured timely resolution of all complaints registered in complaint Re-dressal System of SWM and addressed in a timely manner.

Key Projects

- ✓ **Construction of LOT 1 & 2 of first Sanitary Landfill site, Lahore, Pakistan:** Construction of Landfill Site Lot-1 and 2 using clay liners, geo membrane, geo textile and gravel involves: Gas Collection System, Leachate Collection Pool, Leachate recirculation system, Monitoring Well, Ring Road & Access Road, Administration Block, Wheel washing Area, Social Area, Workshop area, Electrification, Sewerage system and water supply system, Construction of Boundary Wall, Landscaping. The net value of project was US\$ 10 million.
- ✓ **Outsourcing of SWM services for six cities of Punjab, Pakistan:** The Government of Punjab outsourced the Solid Waste Management services in City District Governments of Gujranwala, Multan, Faisalabad, Sialkot, Rawalpindi and Murree. The decision was taken after the successful implementation of same model in Lahore. The outsourcing was done through an international competitive bidding process. M/s. Lahore Waste Management Company (LWMC) was assigned to provide consultancy service for the whole process. LWMC also utilized technical expertise of M/s. Istanbul Environmental Management Company, Turkey (ISTAC) and M/s. Urban Sector Planning & Management Services Unit (Pvt.) Ltd. (USPMU) Government of the Punjab for the completion of this task. The net value of project was US\$ 2.5 million. I was responsible for the completion of Design & Bid documents for the outsourcing of Solid waste management services to the city of Gujranwala and Faisalabad.

Duties and Responsibilities

- ✓ Led and coordinated with project supervisors and construction teams to ensure timely completion of the projects and reported to Project Manager.
- ✓ Monitored the extension project of Banban Interchange that includes construction of 136 girders and general bridge structure.
- ✓ Prepared daily working progress reports and BOQs.
- ✓ Supervised the Concrete pouring activities of Girders, Retaining walls etc.
- ✓ Developed cost effective engineering solutions for the project.
- ✓ Prepared micro and macro bar charts to ensure proper monitoring / coordination and successful project completion.
- ✓ Coordinated the material procurement/supply and ensured timely availability of materials at site.
- ✓ Managed and coordinated the project construction schedule.
- ✓ Assisted in selection of subcontractors and suppliers depending upon their merits.
- ✓ Provided budget and scheduling support to the project team.
- ✓ Studied the drawings, contract documents and liaised with consultant, clients & subcontractors
- ✓ Prepared subcontracts bills / payments, evaluated variations and took approvals of all necessary documents.
- ✓ Arranged and coordinated the required inspections by consultants, financiers & Municipality authorities
- ✓ Managed daily requirements of site, fulfilled the requirements of labors and other work force for the efficient flow of work.
- ✓ Handled & maintained of all tender documents, drawings and associated revisions.
- ✓ Reviewed operational process and installations to ensure that the subcontractors comply with the design, standards and specifications of the contract documents.

Key Projects

- ✓ **Salbokh – Hrumelia Interchange:** Construction of Salbokh – Hrumelia Interchange includes 750 m of 4 Retaining walls general bridge construction, 3 ramps, 2 loops and 1 main carriage way. The net value of project was SR 90 million. I was responsible for managing the construction of Salbokh – Hrumelia Interchange includes 750 m of 4 Retaining walls general bridge construction, 3 ramps, 2 loops and 1 main carriage way.
- ✓ **Banban Interchange at Exit 6 of Riyadh – Qassim Expressway:** Banban Interchange at Exit 6 of Riyadh – Qassim Expressway includes construction of 136 numbers of I beam girders, general bridge structure, 3 ramps, 2 loops and 1 main carriageway. The net value of project was SR 95 million. I was responsible for managing the construction of Banban Interchange at Exit 6 of Riyadh – Qassim Expressway.

Duties and Responsibilities

- ✓ Efficiently managing the Civil construction works for the projects of metro rail track & Shallow underground Stations and meeting monthly rollout targets and the agreed level of Quality.

- ✓ Working with the REs, AREs and Civil Engineers and dealing with the contractors regarding project activities.
- ✓ Supervising all civil construction activities, coordinating drawing approvals and liaising with consultants, clients and customers.
- ✓ Ensuring civil construction materials received at site are in accordance with the quantity & quality by enforcing thorough inspection.
- ✓ Efficiently coordinating with the project team to achieve the progress of work as planned with desired quality to deliver highly productive work and delivery as per schedule.
- ✓ On completion of internal inspection of the completed work, attending the Field Inspection Request (FIR), to get the final inspection done.
- ✓ Preparing Daily Progress Reports & Weekly HSE Inspection Reports to submit to the client and senior management.
- ✓ Assisting in reviewing subcontractor daily and weekly inspection reports and appraising REs and AREs.
- ✓ Assisting in compiling Bill of Quantity (BOQ) reports for monthly payment estimates.
- ✓ Participating in weekly design review meetings with Civil Engineering team.
- ✓ Ensuring that the works carried out by the contractors are in line with the contract drawings and meet the relevant specifications.
- ✓ To attend all inspections related to Backfilling, Shoring works, Reinforcement & Concrete works of different structural elements, erection of steel structure including Metro Station Canopies and Architectural works
- ✓ Ensuring client satisfaction by providing delivery of highest quality projects / service and promptly acting on the feedbacks.
- ✓ Successfully managing projects with under-budget cost and completing them as per construction schedules and specification, with high quality.

Key Project

- ✓ **Riyadh Metro Project:** 177 Km of Metro network comprising of 6 automated lines and 92 transit stations, Riyadh Metro will be the backbone of a transportation network for the capital city. This will incorporate subway tunnels, elevated sections, and at grade sections using the latest technologies, design-build methodology, and excellent organizations. The system will have all the safety and comfort features of a modern automated metro. The net value of project was US\$ 22.5 billion. I am responsible for monitoring site construction and inspection work for at Grade area of 8km metro rail track, two (2) Shallow underground Stations & two (2) Surface Station on King Abdullah Road (Line-2, Package 1).

Professional Affiliations

- Pakistan Engineering Council (**PEC**)
- Saudi Council of Engineers (**SCE**)
- Graduate membership of The Institution of Professional Engineers New Zealand (**IPENZ**)

Awards & Achievements

- Declared as “**Safe Employee of the 4th Quarter of 2014**” by Riyadh Metro Transit Consultants on December 31, 2014.
- Received award for “**Quality Culture for the 4th Quarter of 2018**” by Riyadh Metro Transit Consultants on February 06, 2019.

- Nominated as a member of Riyadh Metro Transit Consultant's 14 member **RMTC HSE Committee**.

Computer Expertise

- Microsoft office including MS Visio
- MS Project
- AutoCAD
- Primavera Project Planner
- ArcGIS
- Mix Calc.

Trainings & Certifications

- 8 hours training attended on the topic **“Rediscover Yourself through Self-Motivation”** held on Jan 18, 2011 at Institute of Business & Management, UET Lahore, Pakistan.
- 35 hours training attended on **“Project Management Workshop (Using PMI Approach)”** held from June 18, 2015 to June 27, 2015 at Knowledge Square Training Center, Riyadh, Saudi Arabia.
- Attended online course on the topic **“An Introduction to Behavior-Based Safety”** on January 14, 2016 at Alison Online Certified Courses.
- 25 hours training attended on **“Project Planning Using Primavera P6 Professional”** held from November 06, 2016 to November 10, 2016 at Engineering Science Institute for Training, Riyadh, Saudi Arabia.
- 30 hours course attended on **“OSHA Construction Safety”** held from November 29, 2018 to December 01, 2018 at Knowledge Core Training Institute, Riyadh, Saudi Arabia.

Study Projects

- Design of foundations
- Analysis and design of multistory with ETAB and manually
- Cost estimation
- Design of flexible and rigid pavements
- Analysis of forces acting on Dam body
- Barrage design
- Design of Water Tank, Swimming Pool and Retaining Wall
- Design of Canal
- Bridge design (Concrete, Steel)
- Design of steel Industrial building
- Water Supply and Sewerage Design of housing scheme.

Research Thesis

- “Case Study of Remodeling and Rehabilitation of LBDC (Lower Bari Doab Canal)” under the supervision of Prof. Dr Abdul Sattar Shakir (Dean of Civil Engineering Department, UET Lahore).

Areas of Expertise

- Project Management
- Project Development
- Operations Management
- Development of Contracts
- Costing & Budgeting
- Planning & Scheduling
- Solid Waste Management
- Team Leadership & Management
- Project Coordination & Controls
- Outsourcing Management
- Metro Projects
- Bridge Construction
- Quality Control
- Construction Supervision
- Monitoring & Inspections

Language Skills

- Urdu
- English
- Arabic