

RIZWAN MAQBOOL

Mobile: [+92\(0\)343 7747667](tel:+9203437747667)/[+974 311 69821](tel:+97431169821)

E-mail: rizwan9449@gmail.com/ ([Rizwan Maqbool MME/MMUP, PEC Engr. | LinkedIn](#))

CAREER OBJECTIVE:

Holding specified responsibilities in the position applied for and to contribute my experience for achieving company's stated objectives with the betterment of my carrier prospects and equipping myself more professional and technical skills.

EDUCATIONAL QUALIFICATIONS:

B.Sc. (Civil Engineering)

International Islamic University Islamabad - Pakistan.

PEC-Pakistan Engineering Counsel – Civil / 51591

MME/ MMUP Engineering Registration of Civil Engineering Supervision in Doha, Qatar (30318).

Key Responsibilities:

- Manage, implement and support during logistic planning during pre-construction period, develop communication protocol between contractor, sub-contractor, Client and stakeholders.
- Supervise and Monitor the construction activities in accordance with Project Specifications, IFC Drawings, shop drawings, method statements, approved materials, and Proper Coordination with QA/QC and MEP Teams.
- To watch/surveillance and inspect of the construction activities and assure that it is done in full accordance with the plans and specifications and being an Engineers must be proactive in identifying and preventing problems.
- Providing technical advice to contractor and solving problems on site with the help and aware/in coordination with line managers (PM/RE/SRE) if required.
- Coordinating with local Authorities/Stakeholders' as required, implement construction method, interface between other contractors and existing services.
- Progress monitoring as per Approval Baselines Schedule, follow up with Contractor for Long lead items procurement, Critical activities, Millstones and monitoring of recovery program.
- Review of Civil and Structural Related Engineering Submittals, Shop Drawing, Material Submittals, Method Statements, as built Drawings and review of initial plans (Health safety and Environmental plan, quality plan etc.)
- Proper Coordination with Utilities Interfaces, Connections with Existing Services and New Networks.
- Attend the Weekly & Monthly Progress Meetings with Client and Contractor.
- Attend the meeting with Contractor (Progress & QA/QC meetings), address the concerns & issue and coordination with design teams to close the RFI's.
- Review of Contractor's Claims, IPC's and Payments.
- Issue NCR and CAR for any non-conformance arise on site.
- Preparing punch list, snag list, ETC.
- Checking TOC snags and DLT snags.
- Preparation of Progress Monthly reports and Review of Contractors Monthly reports.
- Ensures quality of the work through implementing inspection procedures
- Provides assistance and support to the supervision team in technical matters
- Promotes a team effort approach staff in dealings with the Contractor

- Communicates effectively with the Client and other Stakeholders on all matters that may impact Contract duration & quality or Contract Value

WORK EXPERIENCE:

Site Engineer (Road, Structure & Utilities) CDM Smith Inc., from April 2021 to till date.

- *P-043 Construction of Link Roads adjacent to Al Khor Expressway. The Project comprises the construction and /or upgrading of seven (7) Links roads adjacent to Al Khor Expressway and Landscaping works to link Roads and other existing roads in and around the Al Khor Expressway. The total length of the impartments of all link roads is approximately 25.8 KM.*
- *P-088 Central Doha & Corniche Beautification adjacent to the sea side from Ras Bu Abboud Bridge to Sheraton Hotel. The project scope is to enhance the beauty of sea that is to be easily accessible by constructing the Walkway, jogging track, roads and landscape. The total length of this project is approximately 7KM.*
- *Pedestrian Crossing Bridges. The Project comprises the construction of sixteen (16) over head crossing bridges to the different locations of Qatar for the pedestrian to move easy from one side of the road to the other side of the road without having any interruption of vehicle movement.*
- *C823 Construction of TSE (Treated Sewage Effluent) Transmission pipeline. The project comprises on two packages (Package A is 27 Km in length that starts from South side of Dukhan Highway to Rawdat Rasheed Bypass & along Al Otouriya Road to Al Khuraib area) & (Package B is 18 Km in length that incepts along the Orbital highway). The project is to facilitate strategic TSE supply for the Sheehaniya area. The total length of the impartments is round about 45km.*

Job Activities:

- Supervision of the construction activities for TSE chambers and manholes.
- Supervision of the construction activities of boundary wall 6.0 km (Approximately), including casting and erecting of precast beams, columns, panels, and copings, Installation of steel grill fence and fishiness
- Supervision of the construction activities for Kahramaa sub station
- Supervision of the construction of facilities including the Mosque, and Kiosks in the fast-cycling track parking areas
- Supervision of the admin building and workshop building at FCT parking area.
- Preparation of daily work report contractor's Manpower & Safety requirement log sheet and checking it daily.
- Monitoring construction activities to ensure works efficiency and to ensure that quality and workmanship meet project standard and specification.
- Inspection for steel reinforcement and pouring of concrete for construction activities
- Monitoring sub-structures activities including pier foundation pier column pile foundation walls and casting concrete.
- Monitoring construction activities to ensure works efficiency and to ensure that quality and workmanship meets project standard and specification.
- Ensured the execution of works with respect to targets assigned by the management
- Maintain the daily diary and the daily reports by the inspectors.
- Checking of steel according to Bar Bending schedule
- Checking of Shop drawings for the Bridges and Culverts
- Supervision of the concrete pouring
- Supervision of the Material used in Embankment Soils

- To Perform Gradation of the aggregates.
- To Perform compressive strength of the cylinder at different curing days
- To perform quality tests for concrete mix design
- Supervision of Concreting.
- Supervise the process of concrete at site that the concrete is done as per the specification and equipment's are to be done as proper instructions and samples are taken for results and reports.
- Assist the Resident Engineer/ Assistant Resident Engineer in administering the operational functions of the day –to day activities on the Project.
- Coordinate his direct activities with the other engineers and members of the construction supervision team.
- Participate in review and approval of all submittals by the contractors and involves in the quality control and quality assurance and lead the work inspector to ensure that all construction activities have been performed as per contract and specification.
- Performing routine inspection monitoring tasks to confirm if proper construction supervision is being performed by others.
- Inspect various facets of work on the construction site and performing continuous surveillance of assigned construction activities to ensure compliance with all applicable codes, standards, and specification.
- Supervise the Execution of all civil & Structural activities. (i.e. reinforcement, Formwork, concrete, Asphalt, Excavation, backfilling, Water Proofing, Block work painting, flooring, Epoxy Coatings etc...)
- Ensuring that the works are being constructed as per the latest Approved shop drawings.
- Record and Maintain detailed diary of the day work activities, and timely closure of inspection Requests.
- Ensuring all testing required to be carried out with the third party prior to work proceeding of all civil works done and satisfactory. Conforming to MS.ITP and project Quality Plan.

Civil Engineer, Malik safdar & sons, from June 2018 to March 2021.

Job Activities:

- Supervising work as per planning, programmed and specifications.
- Supervise the manufacturing process of all designs.
- Prepare Quality Inspection/Observation Report and Non- Compliance Report (NCR) to any findings on works on site that has any deviation with the approved plans and specifications.
- Checking and verifying as built drawings, cross sections.
- To oversee quality control and safety matters on the site and ensure that regulations are adhered to.
- Inspection of Embankment, sub grad, Aggregates and Asphaltic works with respect to the construction methodologies, workmanship and equipment.
- Rolling, break down or initial rolling, Intermediate rolling and Finished rolling.
- Road diversion works, traffic management works, trial trenches works, gantry sign board fixing etc.
- Ensure performance of the work in strict accordance with the plans and specifications.
- Maintain existing engineering records and designs.
- Maintain a detailed diary of the day's work activities, issues, work approved or rejected, hours of operation, labor and equipment used, etc. and sign at the end of each day.
- Interface with the public, especially residents and business owners adjacent to the work to mitigate the construction impacts.
- Coordinate with the contractor's Engineers in charge of the work on a daily basis to advice on the proper execution of the work.
- Coordinate with the Materials Inspector / Materials Engineer and arrange for sampling and testing of satisfactorily completed work, and quality assurance testing of suspect materials.
- Coordinate with the Surveyors to check the line and grade of completed work for

conformance with the plans and specifications.

- Coordinate with other engineers, management, and the creative department.
- Report questionable methods of operation by the Contractor to the concerned Engineer.
- Report to the concerned Engineer any failure of the Contractor to conform to plans and specifications and to provide good workmanship.
- Take measurement of works inspected.
- Maintain records of completed works for interim and final payment and as-built plans.
- Maintain cost limits and budgets for new designs.
- Maintain detailed records of work performed by the contractor on a Day Works basis.
- Make special notes and document the Contractor's activities that may lead to claims.
- Issue instructions to the Engineer in Charge of the work and do not argue with the Contractor or his representatives.
- Notify the concerned Engineer of conditions that render it impractical or unreasonable to enforce the specifications.
- Report and document any accident that occurs on site and notify the concerned Engineer immediately
- Responsible for ensuring the execution of works in accordance with the project specification, drawings, Quality Control Procedures and ITP.
- Supervision and execution of work for Dry & Wet Utilities of Strom water, Foul water network, Irrigation water, Potable water, ELV, TEL, SSD, Road Lighting, 415 V, 11 kV and 66KV networks. (Concrete, reinforcement, Formwork, Excavation, Bedding, pipe laying, Manholes, Chambers, Waterproofing etc...)
- Carry out inspection for Road Formations, Subgrade, Sub Base, Base Coarse, wearing Coarse etc.....
- To ensure method statements for each activity is followed as per project specification.
- Checking of material complies with project specification and approvals.
- Ensuring contractors works in compliance with environment, health & safety procedures.
- To check contractor's manpower & plant to complete the project within stipulated time.
- Responsible to make the house connections with sewerage network...
- Supervision of New Road works and Reinstate of existing roads and Concrete pavements.
- Adhere to safe working methods and report to Resident Engineer for any accidents on site.
- Maintain a detailed diary of the day's work activities, photographic record of all important issues, work approved or rejected.
- Checking the "Day work records" submitted by contractor supervision and Inspection of all construction activities carried out by contractor on site.
- Maintaining records of site resources, daily progress of work, inspections, construction and workshop drawings, method statements and ITPs (Inspection & Testing Plans). Making special notes and document the contract activities that may lead to claims.
- Drafting site instructions for any required variations from, or additions to, the contract documents.
- Report questionable methods of operations by the contractor to the Engineer
- Construction of reinforced Retaining walls,
- Concrete barriers and kerb stonework. Roads and paving including asphalt layers, earthwork, subbase, and installation of road signage.

BS Project:

- Congestion Mitigation of an Arterial through Infrastructure Interventions.
- Developing ideas to support continuous improvement in transportation.
- Determining improvements to the transport infrastructure.
- Traffic conciliation by Infrastructure.
- Evolve operational traffic system.
- Lessen emissions and energy use.

- Achieving free flow speed.
- Traffic control.

Fields of Interest:

- Highway planning, Mechanism of traffic system.
- Structural design of highway, Design of infrastructure for roads.
- Transportation Structures & Materials.
- Enhancement the traffic performance.
- Evolvement the structural material.
- Evolve the road diversions.

Professional Skills:

Good at communication, good team player,
Target oriented and self- motivation.

Competency skills:

Determination to hard work to achieve goals,
Quick learning and understanding, precise thinking,
Problem solving, accurate planning, decision making and time management.

Technical Skills:

- Primavera(P6)
- Etabs(Structural Designs)
- AutoCAD(2D/3D)
- 3DMax(V-ray)
- MS Word, Excel, Power Point, Internet ability.
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PERSONAL INFORMATION:

- Date of Birth: 05/06/1994
- Passport: AN0332651
- Nationality: Pakistani

PROFESSIONAL REFERENCES:

Available upon request.