



ADNAN KHAN

Project Engineer

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SUMMARY:

EDUCATION.

- Masters in civil Engineering.

- Bachelors in civil engineering.

Professional civil engineer with **13 years of experience** in Saudi Arabia, UAE and Pakistan in areas of construction execution, management, supervision, quality control and monitoring of complete Civil works such as,

- 1- Roads and Bridges
- 2- Infrastructure works.
- 3- Landscaping works- including sports tracks construction (jogging and cycle tracks).

PROFESSIONAL ASSOCIATION.

- SCE registered: 1040644
- Registered engineer under PEC under membership #32014

Good experience in managing contractor submittal reviews, project management, document control, quality control management and good communication skills. Ability to work in demanding work environment and to ensure project completion in stipulated time and budget.

PREVIOUS CLIENT APPROVALS.

- QIDDIYA- RIYADH, KSA
- MISK- RIYADH, KSA
- MUSANDA -Abu Dhabi, UAE
- ADM- UAE Abu Dhabi municipality.

KEY SKILLS:

- Familiarity with site operations and ensuring materials, processes and end products meets the standards of the project.
- Supervision of Civil works such as, roads, bridges, infrastructure networks (dry and wet utilities) and landscape works.
- Review of material submittal and method of statements in view of project technical specification.
- Review of Contractor shop drawings with project IFC drawings and project technical specification.
- Conducting daily site inspections along with material inspection.
- Liaise with relevant clients and make necessary coordination to solve issues.
- Review of monthly reports and conducting site walks.
- Assist with the Inspection of completed works and monitor the start-up, testing, commissioning, and handover of the work.
- Prioritizing tasks and meeting deadlines.

NATIONALITY.

Pakistani

LANGUAGES

English, Urdu, Arabic

PROFESSIONAL EXPERIENCE.

Experience with Dar ul Riyadh Engineering Consultancy -KSA

Position: Civil Engineer May 2024 to till date

Client: MISK

Project Description:

Project consists of various phasis with scope of work such as, infrastructure works, structure works, landscaping and road works.

As an engineer my role was assigned to 2 projects, below listed undertaken projects and responsibilities at project,

Ongoing Project status:

- 1- Project- District:7 (Package 01) - **Handed over.**
- 2- Project- Wadi-A - **Ongoing (At Snagging stage)**

The following responsibilities were undertaken,

- Assisting in technical review of materials submittals and shop drawings. Ensuring compliance with project specification and IFC drawings.
- Coordinating with other discipline at site to avoid clashes and obstructions in execution process.
- Conducting daily site inspections and material inspections at site, incompliance to approved drawings and method of statements.
- Monitoring road works and supervising asphalt works at site including related testing works.
- Supervising structural concrete.
- Supervision of infrastructure works for gravity networks (sewerage, storm water lines) and pressure lines (District cooling, potable, irrigation and gas networks.)
- Monitoring road crossing ducts for utilities.
- Monitoring leakage testing works for the networks.
- Collecting material samples and coordinating with third parties for results.
- Supervising backfilling works and maintaining records.
- Follow-up with site observation reports (NCR and SOR) issuance and closure.
- Ensuring health and safety compliances at workspace, coordinating with HSE team for reporting unsafe work practices at site.
- Witnessing testing and commissioning works and authority handover.

Experience with Atkins realis -Engineering Consultant-KSA

Position: Civil Infrastructure Engineer 2022 to 2024

Client: Qiddiya investment company

Project: Six Flags Qiddiya- Riyadh Saudi Arabia (KSA).

Project Description:

The Six Flags amusement park within Qiddiya development is intended to be an outdoor venue with minimal indoor activities. The Six Flags Amusement Park at Qiddiya will be the best theme amusement park in the GCC. The project comprises amazing multiple rides and roller coasters which are the world's longest, tallest, and fastest coasters. The theme park will be home to five signature rides that will break world records.

Responsibilities:

My responsibilities covered both assisting my resident engineer with technical review (shop drawings, ITPs, method of statements and material submittals) and monitoring of the daily site activities. Listed as below,

- Review of shop drawings in compliance with project IFC.
- Review of contractor material submittals according to project specification and client requirements.
- Supervision of infrastructure networks.
- Monitoring pile work inspections and concrete work for piling and pile caps.
- Follow up with 3rd party testing on piling works.
- Managing and supervising construction sites on daily basis and advising on daily site issues.
- Supervision of road works including asphaltic activities.
- Conducting 3rd party asphaltic samplings for hot bins asphalt and coring tests.
- Monitoring all civil work for landscaping works and related utilities ducting works.
- Ensuring quality of work as per approved drawings, material submittals, ITPS s and method of statements.
- Inspection of utilities such as, sewerage, storm, irrigation, potable water, firefighting, and child water pipes.
- Undertake initiatives for health and safety management and take appropriate steps.
- Review progress and recommend payments on site basis.
- Witnessing testing and commissioning works and authority handover.

Experience with Bilfinger Tebodin Consultant – Abu Dhabi, UAE

Position: Civil Engineer/Insp July 2020 to Oct 2022
Client: Al Dafraa Municipality- UAE
Project: Construction of Infrastructure facilities at Sec-21 Madinat Zayed, Abu Dhabi, UAE.

Project Description:

The construction of Roads and Infrastructure at Sector 21 Madinat Zayed consists of Construction of dry and wet utility networks and utility buildings.

Responsibility:

- Ensure that the project is as per set up plan.
- Perform construction management including safety and quality measures.
- Monitoring micro tunneling works/ non-disruptive road crossing (**NDRC**) works for storm water network with RCC Pipes with grp lining.
- Supervising road works including asphaltic operation and related testing work.
- Coordinating for testing materials and processes for engineering works.
- Supervision of infrastructural network Dry and wet utilities.
- Review of shop drawings, method of statements with IFC drawings and technical specifications.
- Ensuring quality of work as per approved drawings, material Submittals, ITPS s and method of statements.
- Supervision of Sewerage gravity network including pipelines and manholes. Material inspections with approve shop drawings.
- Inspection of Storm water system, pipelines, inlets, manholes, catch basins and connection to existing manhole.
- Monitoring Earth Works (Excavating/Removing Surplus Material/Levelling).
- Potable water network, fire network and hydrants, chambers, pipes, etc. and connection to existing water lines
- Roads, signs and markings, and parking etc.
- Irrigation ducting for road crossings and junctions.
- Laying of Street lighting networks
- 11Kv / LV / FOC network and sub stations works.
- Installation of telecom ducts, conduits, and chambers.
- Supervision of Landscape works (hard scape Works)

- Joint inspections for verifying closures of Contractor NCRS and SORS.
- Reporting to senior engineer site related issues, daily submittals, inspection requests, quality, and safety progress.
- Review and recommendation to senior engineer of all shop drawings and quantities for accuracy.

Experience with Parsons International consultant – Abu Dhabi, UAE

Position: Senior Civil Inspector, Feb 2019 to July 2020
Client: Abu Dhabi Municipality
Project: C-380 Preparation and Rehabilitation of sports tracks in Island and Mainland, Abu Dhabi UAE.

Project is based on construction of jogging and cycle tracks in Abu Dhabi mainland and Island. Project comprises of a total 35 sites that includes 20 sites in Abu Dhabi mainland and 15 sites in Island respectively.

Responsibilities:

- Supervision of jogging tracks and cycle tracks.
- Checking drawing for existing ground conditions and general layouts for the tracks.
- Ensuring authorities NOC and relative work permits prior to execution of site works.
- Ensuring quality of work as per approved drawings, material submittals, ITPS s and method of statements.
- Supervising clearing and grubbing, subgrade and subbase activities.
- Supervising Blinding and haunching concretes.
- Inspection of Laying of heel and drop kerb stones along the track.
- Supervising prime coat and asphalt wearing course in jogging tracks
- Application of final paint coating on asphaltic surfaces.
- Supervising raised road crossing at junctions.
- Supervision and construction of nodes at jogging tracks.
- Fixing bollards lights/ electrification civil works.

- Joint inspections for verifying closures of Contractor NCRS and SORS.
- Coordination with clients and preparing progress reports.
- Ensuring all safety concerns of working sites along the island project and work under existing utilities.
- Coordinating for testing of materials and processes for engineering works.

Experience with AlTorath International consultant – Abu Dhabi, UAE

Position: Civil Inspector
Client: Musanada
Projects: Construction of Emirati Housing Neighborhoods (250 Villas)

Responsibilities:

- Supervision of Infra structural network along with overview consultants.
- Material inspections with **ADSSC representative** for GRP structural manholes and anti-floatation structural manholes along with back drop shutters for 160 and 225mm ports and inspection chambers for sewer.
- Material Inspection of upvc pipes and GRP pipes with EPDM rubbers and GRP liner for top cover slabs.
- Monitoring concrete of structural manholes bases and mass concretes below short pieces.
- Supervision of Pipe laying and aggregate bedding.
- Conducting hydrostatic pressure tests along with ADSSC representative.
- Deflection tests at 3% and 5% respectively.
- Make sure that any activity offered for inspection has latest version of Approved Shop Drawing, Method Statement, Quality Control Procedure, and Inspection & Test Plan,
- Closely monitor site activities to ensure quality of work follows contract requirements, good construction practice, only approved materials are used, compliance with shop drawing, and report to Resident Engineer.
- Review of materials delivered to site for conformance with approved samples, specifications, details, plans and standard practice. Report findings to Resident Engineer.

- Observe work in progress to ensure procedures are followed and materials used confirm to specifications. Report to Resident Engineer on any variations or concerns.
- Inspect the construction of temporary and permanent works to ensure compliance with contract and Authority requirements.
- Take progress photographs for inclusion in the monthly report.
- Prepare daily logs and reports maintaining records of inspections made, tests performed, and work executed.
- Arrange co-ordination meeting with the contractor, subcontractor etc.
- Complete daily and monthly progress reports.
- Prepare report on monthly estimates of work completed.
- Observe and inspect site safety practices and the progress of the work, reporting on any concerns to the Resident Engineer

Experience with Ghantoot General Contracting – Abu Dhabi, UAE

Position: Site Engineer (Civil), 2017 to 2018
Client: Musanada
Project: Construction of internal roads and Infrastructure works in AL-Shawamekh area sector (12,7)

Duties:

- Reporting to Project manager.
- Site Supervision, monitor sewerage construction works.
- Construction road works and asphaltic activities.
- Installation of circular manhole bases, shafts and covers slabs.
- Installation of Upvc and GRP Pipes of various sizes.
- Hydrostatic water tests of the lines.
- Deflection tests at 3% and 5%.
- Water proofing and back filling.
- Construction of utilities ducts:
 - Electrical ducts
 - Irrigation ducts.
 - Power ducts.
 - Streetlights and push button ducts
- Laying of Etisalat telecom pipes for main and house connections (D54, D56 pipes) along with chambers.
- Mandrel test of telecom lines for main and house connections
- Supervision of all Civil works and ensuring the work done as

per Specifications Standards. Identification of technical problems during project implementation and reporting to project manager.

- To coordinate with consultant & client for creating favorable working environment.
- Monitoring and inspecting the work of sub-contractor and other third parties.
- Manpower allocation for different activity according to standard tasks & productivity.
- Inspection of structure as per drawing.
- Monitoring the provision of materials.
- Quality control & quality assurance

Experience with Engineering Associates Consulting (EACL)

Position: Site Engineer (Civil), *Feb 2012 to Jan 2017*

Project:

The project consists of the construction of a main highway with a total length of 60KM. The project includes construction of highways with 3nos multiple span bridges, 06 underpasses and multiple road crossing culverts and utilities road crossing ducting works.

Responsibility:

As a site engineer my role assigned for the supervision of below work,

The following works were undertaken on project:

- 1 Supervision of bridges.
- 2 Supervision of underpasses.
- 3- Supervision of culverts.
- 4- Supervision of road works and asphaltic activities.

1- Bridges.

Responsibilities included,

- Supervision of pile load test prior to commencement of piling works.
- Follow up with 3rd party geotechnical team for SPT and sampling.
- The drilling of Piling works for multiple span bridges (30m piles)
- Checking reinforcement of girders, deck slabs and pile cages.
- Supervising concrete works and collecting site sampling and testing works.
- Inspection for installation of bearing pads under the girders.
- Casting of shear keys and diaphragm.

2- Underpasses and culverts:

- 1- Supervision of abutments and civil works along with reinforcement inspections for slabs.
- 2- Construction of wing walls and retaining walls.
- 3- Construction of single and multicell culverts along with drainage channels.

3- Road work:

- Supervising embankment, subgrade, subbase and aggregate base courses layers.
- Material supervision and sampling testing works.
- Supervision of asphaltic activities
- Supervising reinforced earth work retaining wall with paneling.

DRIVING LICENSE.

- Valid KSA driving license.
 - Valid UAE driving license.
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