

Summary:

I am skilled in Designing and Supervision in all phases of Electrical MV, LV, ELV and Infrastructure Utilities work. I am an effective organizer and planner, Competent in Conducting Site Inspections, Project Management, Project Planning, Team Training's, and Cost Analysis.

Qualification:

- **BSc Electrical Engineering**
University of Engineering and Technology Taxila, Pakistan.
- **Diploma of Associate Engineering in Electronics**
Punjab Board of Technical Education Lahore, Pakistan.
- **S.S.C (Secondary School Certificate).**
Federal Board of Intermediate and Secondary Education Islamabad, Pakistan.

Professional Membership / License / Experience:

- Member of SOE(Society of Engineers) UAE.(Member No: 41574)
- Registered Engineer in Dubai Civil Defense UAE.
- ADDC, AADC, ADWEA, ADM, DM, DEWA & SEWA Experienced.
- MUSANADA Approved Engineer.
- Member of PEC.(Pakistan Engineering Council)(PEC No: ELECT/40323)
- Member of IEEE (Institute of Electrical and Electronics Engineers).

Experience:

10 years included 5 years UAE work experience.

- **Sr. Electrical Engineer** at KN International Architects and Engineers, Abu Dhabi UAE. **(Jun 2018 to Till Date)**

RESPONSIBILITIES:

- Review of tender documents, scope of works and specifications.
- Interpret the Design documents and propose the logics along with the technical calculations for load schedule, lighting by using Dialux, cable selections and voltage drop calculations.
- To prepare the load schedule and SLD as per client specifications in line with ADDC/AADC rules and regulations.
- Attending weekly progress / design review meeting with client and implementing the changes time to time.
- Co-ordinate and follow-up with draftsman to deliver the design drawings as per the dates planned.
- Facilitate problem solving, as may arise, between all disciplines
- Validate design issues related to MEP and suggest alternative solutions.
- Assist in the receipt and review of submittals. Preparing Electrical and Utilities drawings with lighting and load calculations.
- Preparing tender with BOQ, and inspect the works at site.
- Preparing Tender Specifications, Building Services Reports, Operation, Maintenance Manuals.
- Review the Contractor's Operation and Maintenance manuals. Attend project progress meetings.

KN
INTERNATIONAL

PROJECTS:



Al Dhafer Park Design Al Ain UAE.
Client: Al Ain Municipality / MUSANADA
My Role: Dry Utilities and MEP Design



Shamkha Infrastructure Development Phase 2
Client: ADM / MUSANADA
My Role: Dry Utilities Design

➤ **Sr. Electrical Engineer** at Core Engineering Consultants Abu Dhabi UAE. (Jun 2015 to Jun 2018)**RESPONSIBILITIES:**

- Preparing Electrical and Utilities drawings with lighting calculations and load calculations.
- Preparing tender with BOQ, and inspect the works at site.
- Prepare coordination of power lighting, fire protection and ELV system.
- Responsible for planning, design and implementation of designs.
- Ensure all approvals are obtained on electrical design prior to commencement of electrical works at site.
- Direct and lead in-house electrical team for the Design and installation of power lighting works.
- Studying tender specification details.
- Timely self-updating the new systems and understanding the operation.
- Providing clarification to the concern, when there query arises.
- Cable size calculating and circuit design, light proposing for appropriate places.

**PROJECTS:**

Sharjah International Airport Expansion Project
 Client: Sharjah Airport Authority
 Cost: AED 150 Millions
 My Role: Design and Supervision of Electrical Systems



Ghuwaifat Border Post Development
 Client: Abu Dhabi Police G.H.Q
 Cost: AED 1.4 Billions
 My Role: Detail Design of Dry Utilities



Al Qua Master Planning & Infrastructure Design
 Client: Abu Dhabi Housing Authority
 My Role: From Concept to Detail Design of Dry Utilities



Al Nabbagh Master Planning & Infrastructure Design
 Client: Abu Dhabi Housing Authority
 My Role: From Concept to Detail Design of Dry Utilities

➤ **Electrical Design Engineer** at Q 5 Arch Engineering Consultancies Dubai UAE. (Apr 2013 to May 2015)**RESPONSIBILITIES:**

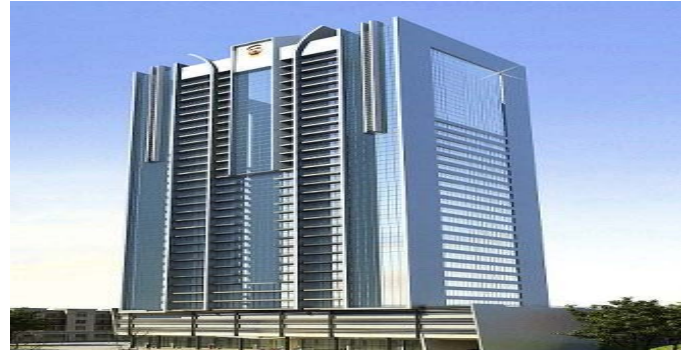
- Design Electrical, Fire Alarm, Telephone and ELV Drawings in AutoCAD and Revit.
- Building Services AutoCAD and Revit Modeling.
- Liaison with other consultants and contractors.
- Review Contractor's shop drawings against the design.
- Liaise with local authorities for the approval of Electrical, Fire Alarm and Telephone Drawings.
- Preparing Tender Specifications, Building Services Reports, Operation, Maintenance Manuals.
- Review the Contractor's Operation and Maintenance manuals. Attend project progress meetings.



PROJECTS:



PROJECT: G+2P+12+R Res / Com Building
Client: SHAIKH AHMED KHALIFA SAEED ALMAKTOUM
Cost: AED 120 Millions
My Role: Design and Supervision of Electrical Systems



PROJECT: G+30+R Res / Com Building
Client: SHAIKH AHMED KHALIFA SAEED ALMAKTOUM
Cost: AED 500 Millions
My Role: Design and Supervision of Electrical Systems



PROJECT: 20 GROUP OF VILLAS.
Client: SHAIKH AHMED KHALIFA SAEED ALMAKTOUM
Cost: AED 70 Millions
My Role: Design and Supervision of Electrical Systems



PROJECT: G+6+R Res / Com Building
Client: SHAIKH AHMED KHALIFA SAEED ALMAKTOUM
Cost: AED 20 Millions
My Role: Design and Supervision of Electrical Systems



PROJECT: G+7+R Res / Com Building.
Client: SHAIKH AHMED KHALIFA SAEED ALMAKTOUM
Cost: AED 60 Millions
My Role: Design and Supervision of Electrical Systems



PROJECT: B+G+4+R Res / Com Building
Client: SHEIKH HASHER BIN HAMAD ALMAKTOUM
Cost: AED 70 Millions
My Role: Design and Supervision of Electrical Systems



PROJECT: Mankhol Mall.
My Role: Design and Supervision of Electrical Systems

Electrical Engineer at CPG Consultants.(From May 2009 to Feb 2013)



RESPONSIBILITIES:

- Checking electrical shop design specifications and technical drawings.
- Making sure all projects are fit for purpose and as per drawings issued.
- Liaising with and monitoring third party contractors & suppliers.
- Attending meetings and giving solutions on different issues.
- Ensure all approvals from local authorities regarding project.
- Reviewing Design drawing and Coordinate with Designer.
- Preparing Material coding and Material Request through SAP.
- Implement QHS and Safety Policies in site activities.
- Provide technical oversight and guidance to design, construction and project management staff.
- Assist with all capital projects in design and construction.
- Assist with all capital projects regarding MEP permit review process, including the review and response to contractor RFI's.

PROJECT:



PROJECT: New Islamabad International Airport.

Client: Civil Aviation Authority.

Cost: USD 770 Millions

My Role: Supervision of Electrical Systems

Research:

A. H. Memon and **M. A. Tahir**, "Efficient Wind Power Generation for Houses and Small Villages." 5th WEC international Multi-topic Conference (WEC-2013), Islamabad Pakistan, Sep. 2013.

Core Competencies:

- Proficient in AutoCAD, Revit BIM, ETAP & Primavera.
- Good Command over Microsoft office, Multisim simulation, PLC Programming, Proteus simulation, C++, Mat lab simulation, Adobe Photoshop, Corel draw designing, Lab view simulation, PCB designing and Keil Uvision.

PERSONAL QUALITIES

- Excellent communication and interpersonal skills.
- Can face the challenges, Analytical and problem solving
- Punctual, Result oriented, Responsible and sincere.
- Quick Learner & Hard working.

TECHNICAL PROFICIENCY

- Designing Supervision and Maintenance of MV / LV/ ELV System, Security Systems, Generator / UPS / Solar / Hybrid System, Substations, Street Lighting and Home Automation.

REFERENCES

Available on Request.