

MUHAMMAD UMAR LIAQAT

(PROJECT MANAGER/ELECTRICAL ENGINEER/SENIOR SITE ENGINEER)

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Objective

Highly motivated Electrical Engineer with over 14 years of proven expertise in construction and industrial electrical installations and maintenance. Adept at leveraging technical proficiency, strong interpersonal, and communication skills to drive project success. Skilled in team management, motivation, and training to enhance productivity and cohesion. Enthusiastic about contributing to innovative product development and research, thriving in high-pressure and challenging environments to deliver exceptional results.

Professional Experience (+14 Years)

- **Project Manager (Electrical Engineer)** (12 June,2023 to Present)
Raed Saleh Al-Saieri Est. For Contracting Buraydah , Al-Qassim , Saudia Arabia.

Responsibilities:

- Design and professional distribution of lightning systems.
- Prepare and review Bills of Quantities (BOQ) with accuracy.
- Designing on Auto Cad Software & Lighting calculation programs DIALUX.
- Review and approve electrical drawings as per project standards.
- Supervise on site- execution to ensure quality and compliance.
- Inspect and handover electrical works from contractors.
- Coordinate with other engineering disciplines to ensure full project integration .
- Tendering the new projects with keeping in view of all criteria as per standards.
- Installation of Street LED Lightning with different height of Electric Poles as per standards.
- Installation of Distribution Panels at site as per required standards.
- Proficiency in Electrical drawing study and review the electrical calculation software.
- Calculate the required material as per drawing and request it and make a purchase order.
- Attend progress meetings with contractors and consultants whenever require.
- Review and Make progress reports on a weekly basis.
- High attention to detail and ability to identify and resolve issues before execution.

- **Project Manager** (10 June,2021 to 11 June,2023)
AMWAJ AL MASHARIA For Gen. Contracting Ltd. Buraydah , Al-Qassim , Saudia Arabia.

Responsibilities:

- Tendering the projects with keeping in view of all criteria.
- Estimate cash flow projections for projects.
- Designing on Auto Cad Software & Lighting calculation programs DIALUX .
- Manage/Coordinate with Civil Engineers at site.
- Ensure the site works are executed as per drawings, specifications and scope of work.
- Electrical drawing study and review the electrical calculations.
- Making site surveys for upcoming projects.

- Technical information and support for drawing and documentation.
- Calculate the required material as per drawing and request it and make a purchase order.
- Attend progress meetings with contractors and consultants whenever require.
- Guide, collaborate, understand and analyze the technical problem to avoid any delay during work in progress.
- Make progress reports on a weekly basis.
- Proper handing over the performed work to the Government officials.

Achievements:

- Got Bonus 2 time for appreciation from the company's owner because of completing projects on time.
- Working on Government Projects together with Municipality Al-qassim (أمانة القصيم) Saudi Arabia & Got **Certificate of Appreciation and Thanks** for Completing work on time from Al-Qassim Municipality .
- Take out profit in projects by making planning, schedules with working teams and complete work with in period of time.

- **Project Manager** **(01 Nov,2019 to 9 June,2021)**
 - **Senior Project Engineer** **(21 June,2015 to 31 Oct,2019)**
 - **Site Electrical Engineer** **(18 Mar,2012 to 20 June,2015)**
- AL-SUWEILMY CO. For Gen. Contracting & Trading Ltd. Buraydah, Al-Qassim, Saudia Arabia.**

Responsibilities:

- Tendering the projects with keeping in view of all criteria.
- Prepare and review engineering plans, designs and circuit diagrams for projects.
- Execute various projects, ensuring compliance with safety requirements.
- Estimate cash flow projections for projects.
- Designing on Auto Cad Software.
- Manage/Coordinate with Civil Engineers at site.
- Preparing the schedules, working teams & equipment deployment plan.
- Maintain relationships with crews and contractors.
- Maintain and supervise Asphalt, Concrete, Block and Crusher plants for smooth running & Identify and propose improvements to existing electrical systems of Asphalt plant, Concrete Plant, Block Plant, Crusher Plant. Find the better production methods and then implement to complete work in period of time.
- Troubleshoot on electrical systems/equipment.
- Calibration of load cells for weighing material in order to take out mixing as per standard requirement.

Achievements:

- Got Bonus 6 times for appreciation from the company's owner because of being an efficient worker at times.
- Have experience in working on Mega Government Projects together with Municipality (Al-ula city Madinah Region, Khyber city Madinah Region, Al-Baha City) and currently working on Mega Projects in Buraidah City, Al-Qassim, Saudi Arabia.
- Lead electrical engineer in installation of Asphalt Plant 200 tn/h.

- **Services Engineer (Testing & Comissioning) (17 July,2011 to 17 Mar,2012)**
Perfect Elektro Mek Pakistan (Pvt.) Ltd. (PEMPAK), Lahore-Pakistan

Responsibilities:

- Designing of complete range of MV/LV switchgears on Autocad with specified protection and instrumentation.
- Designing of power factor improvement panels of 415v,3.3kv,11kv with auto/manual operation and necessary protection.
- Designing of A.S.D and D.O.L type MCC.
- Designing of Incoming, Outgoing, Consumer, Bus couplers, Metering and Industrial panels .
- Designing of Distribution Boards with wiring diagrams .
- Drawing all the panels with single line diagram and designing on Autocad.
- Testing , Commissioning and Maintenance of All type of Switchgear Panels like Temperature Rise test , High Voltage Test and also configuration of protection relays.
- Planning & monitoring consumption of direct material, consumable keeping in view of budget.
- Provide technical assistance to field personnel in the areas of high voltage distribution equipment and high voltage motors and generators.
- Testing of Breakers, Contactors, & earth switches , Power Cables.

Achievements:

- Work on Japan project (Sewerage System) as Design & Control Commissioning Engineer. (Design to execution).
- Expertly performed preventative maintenance of equipment and systems, earning outstanding reputation for proficiency and quality.

Technical Training

Internships

- **PAK-ELEKTRON LIMITED(PEL) 3 Months.**
- **LAHORE ELECTRIC SUPPLY LIMITED(LESCO) 3 Months.**

Technical Skills

Lighting calculation programs DIALUX LITESTAR, AutoCad , MS office, Civil 3D, Microsoft Word, Microsoft Excel, Microsoft Powerpoint.

Other Skills

- **Business Skills** - Management, Good Understanding of Organization's Objectives, Operations, Market, Environment & Ethical Issues
- **Leadership & Project Management Skills** - Leading, Managing Resources, Delegating Effectively, & 'Thinking on your Feet'
- **Problem-Solving Skills** - Critical / Methodical Approach When Problem Solving
- **Change Management** - Assessing & Facilitating Change
- **Risk Management** - Understanding the Sources of Risk, & Evaluating Risks / Methods for Control & Mitigation, Enterprise Risk Management
- **Engineering Skills** - Regulation / Governance, Maintenance machinery, Inspection / Advice, Analyze & Recommend Solutions, Engineering Designs, Installing Updated devices.
- **Organizational & Coordination** - Interdepartmental Communication, Attention to detail, Documentation, Self-motivated, Result-Oriented

- **Communication & Interpersonal** - Excellent Written & Verbal, Communicating with Internal/External Stakeholders, Flexible, Influencing/Negotiating
- **Multitask & Time Management** - Carry out duties based on priorities, Able to meet/beat deadlines, Manage concurrent projects.

Eminent Accomplishments

- Letter of **Appreciation and Thanks** from Municipality Al-qassim (أمانة القصيم), Saudi Arabia.
- Got Bonus 2 time for appreciation from the company's owner in **Amwaj Al Masharia Co.** for completing project in period of time.
- Got Bonus 6 times for appreciation from the company's owner in **Al Suweilmy Co.** because of being an efficient worker at times.
- Reduced paperwork 90% by converting all accounting procedures to an electronic form.
- Implemented corrective measures for ensuring machinery uptime and working efficiently.
- Proved to be one of the top employees who submitted every due report before time
- Accurately reviewed & resolved exception reports as well as researched, analyzed & resolved invoice payments.
- Maintained a positive working environment by reporting any unusual and immoral act to the management while maintaining confidentiality.
- Became the most trusted advisor of the Company owner during my career.

Languages

- Can read write and speak frequently English, Urdu and Punjabi.
- Can read and speak frequently Arabic.
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Qualification

BSC Electrical Engineering (CGPA=3.33) (2007-2011) University of Central Punjab, Lahore-Pakistan

FSC (Pre-Engineering) (GRADE A) (2005-2007) Garrison Degree College, Lahore-Pakistan

Matriculation (Science) (GRADE A) (2005) Garrison Boys High School, Lahore-Pakistan

Personal Details

Father's Name : Liaqat Ali
Religion : Islam
Date of Birth : 14-08-1989
Nationality : Pakistani
Marital Status : Married / Male
Passport No. : DX8967852

Certification

- **Integrated Management System (ISO 9001:2015 , ISO 45001:2018 , ISO 14001:2015)
CERTIFICATE NO. NG-IMS-800581**