

UMAR TAHIR | PMP® | CFPS®

Project Engineer Electrical/ELV

(Saudi Council of Engineers-SCE Registered)

Experience: 10 Years

Mobile: +966-549685576 | +92-3087894749

Email: umartahir4812@gmail.com

Current Location: Al-Khobar City, Kingdom of Saudi Arabia



PROFESSIONAL SUMMARY

A highly skilled Project Engineer with 10 years of experience in managing and executing electrical, Fire Fighting System, & ELV (BMS, Fire Alarm, CCTV, ACS, Voice & Data, Fire Fighting) systems. Proven expertise in project coordination, procurement, costing & estimation, and resource management. Adept at ensuring adherence to safety standards, delivering technical solutions, and leading teams to successful project completion.

Core Competencies: Project Coordination, Project Management, Design & Execution, Procurement & Estimation, ELV Systems, Fire Protection Systems, Team Leadership, Resource Management, Client Coordination, Compliance & Safety Standards, Cost Control & Budgeting.

KEY SKILLS & EXPERTISE

Project Coordination: Skilled in overseeing project activities, ensuring coordination between clients, contractors, consultants, and internal teams to ensure timely and efficient project execution.

Site Execution: Expertise in managing day-to-day site operations, ensuring that construction activities follow project specifications and timelines, and resolving any issues that may arise during execution

Project Management: Expertise in leading cross-functional teams, resource allocation, project scheduling, and execution.

MEP Design Review & Implementation: Extensive experience in reviewing and coordinating MEP designs, as well as implementing and maintaining electrical systems including UPS, switchgear, lighting, earthing, generators, HT/LT panels, ATS panels, and associated mechanical systems. Skilled in preparing motor control center (MCC) layouts, selecting appropriate motor starters, and developing load schedules for HVAC systems.

ELV Systems: Strong proficiency in Fire Alarm, CCTV, Access Control Systems (ACS), Voice & Data, BMS and Fire Fighting systems design and execution.

Procurement & Estimation: Skilled in material quantification, procurement, and cost estimation using ERP software.

Compliance & Safety: Ensures all projects adhere to international and local safety standards (NFPA, SBC, etc.).

Technical Leadership: Ability to guide teams through complex installations, ensure smooth operations, and deliver high-quality results.

PROFESSIONAL EXPERIENCE

Major Roles in Various Organizations

- Senior Electrical Engineer (Electrical & Power Contracting CO by Al-Tamimi), KSA - Mar 2024 to till
- Project Engineer MEP (MEP Solutions Pvt), Pakistan - Mar 2022 to Mar 2024 (2 years)
- Senior Engineer Projects (Telecom Engineering Company), Pakistan - Mar 2021 to Mar 2022 (1 Year)
- Sales & Execution Engineer (Leiamra Engineering & Controls), Pakistan - Jan 2020 to Mar 2021 (1.3 Years)
- Site Engineer MEP (MEP Solutions Pvt), Pakistan - Mar 2016 to Oct 2019 (4-Years)

EDUCATION & CERTIFICATIONS

- **BS in Electronics Engineering Technology**
The University of Lahore, Pakistan (2011-2015)
- **Certified Fire Protection Specialist (CFPS®)**
National Fire Protection Association (NFPA)
- **Project Management Professional (PMP®)**
Project Management Institute (PMI)

EMPLOYMENT RECORD

Senior Electrical Engineer – MEP

Electrical & Power Contracting Co. (Al-Tamimi) | Kingdom of Saudi Arabia

Mar 2024 – Present

EPC, a premier Saudi-owned company under Al-Tamimi, delivers advanced Fire Alarm, Fire Fighting, and electro-mechanical projects across KSA, serving oil & gas, industrial, and large-scale infrastructure sectors with a focus on safety, compliance, and quality.

Key Expertise & Responsibilities:

Fire Alarm System Design & Execution – Led design review, implementation, and commissioning of advanced Fire Alarm systems for large-scale and mission-critical facilities, ensuring compliance with NFPA, SBC, and client-specific standards.

Fire Fighting System Coordination & Design – Managed coordination, review, and implementation of Fire Fighting systems including sprinklers, hydrants, and pumps, ensuring seamless integration with electrical and MEP systems.

Electrical Support for Data Centers – Provided oversight for electrical systems including UPS, switchgear, generators, ATS panels, lighting, and earthing as required for fire safety and critical infrastructure.

Techno-Commercial Project Management – Prepared technical and commercial proposals, BOQs, and design submissions, incorporating value engineering to optimize performance and budget.

Stakeholder & Client Liaison – Acted as the primary point of contact for clients, consultants, and internal teams to align fire protection designs, specifications, and project requirements.

Execution & Implementation Planning – Coordinated multi-disciplinary teams to ensure timely and compliant installation of fire protection and supporting electrical systems.

Variation Orders & Claims Management – Managed preparation, negotiation, and approval of variation orders and additional scope to safeguard company profitability.

Regulatory & Quality Compliance – Ensured all designs, documentation, and execution plans adhered to safety, regulatory, and quality assurance standards.

Major Projects:

- a- Qiddiya Residential Community, Riyadh, KSA
- b- NEOM Professional Village, NEOM, KSA
- c- NEOM Residential Community at OXAGON, NEOM, KSA
- d- Trojena Mountain Contractor Village Expansion, NEOM, KSA

Project Engineer MEP

MEP Solutions Pvt Ltd | Pakistan

Mar 2022 – Mar 2024

MEP Solutions is a leading contracting firm delivering high-quality electrical, HVAC, mechanical, and plumbing systems. The company is known for its thorough project management approach, from bidding and planning to execution.

Key Responsibilities:

- Directed the end-to-end project coordination and execution of MEP systems for large-scale construction and infrastructure projects.
- Managed the procurement cycle, from purchase orders to vendor negotiations, ensuring timely delivery of materials within budget.
- Coordinated subcontractor selection and management, ensuring all trades delivered their scope of work on schedule and within quality standards.
- Ensured client-facing communication and managed client relationships, aligning project deliverables with client expectations and regulatory requirements.

- Led the preparation and submission of technical proposals, aligning with the client's project scope and desired outcomes.
- Developed and executed resource management strategies, ensuring optimal allocation of manpower, equipment, and materials across multiple projects simultaneously.
- Delivered comprehensive daily progress reports, monitoring the project schedule, diagnosing performance gaps, and implementing corrective actions as needed.

Senior Engineer Projects

Telecom Engineering Company | Pakistan

Mar 2021 – Mar 2022

Telecom Engineering Company specializes in delivering end-to-end solutions for ELV systems, including design, supply, installation, and commissioning. The company is an official distributor of BOSCH and Honeywell systems in Pakistan.

Key Responsibilities:

- Led the execution and oversight of ELV systems projects across the Punjab region, ensuring adherence to stringent quality standards and timelines.
- Managed project teams and ensured optimal resource allocation, guiding engineers and technicians in the seamless execution of critical systems such as fire alarms, public address, CCTV, and access control systems.
- Designed and executed Service Level Agreements (SLAs) with clients, ensuring that agreed-upon deliverables were met consistently.
- Supervised the day-to-day operations on-site, ensuring safety standards, budget constraints, and project timelines were adhered to.
- Managed key stakeholder relationships, providing regular updates and technical support to clients and consultants throughout the project lifecycle.

Sales & Execution Engineer

Leiamra Engineering & Controls | Pakistan

Jan 2020 – Mar 2021

Leiamra Engineering & Controls is a leading provider of ELV systems and Fire Fighting systems, offering end-to-end solutions including design, supply, installation, and commissioning.

Key Responsibilities:

- Led the sales and execution processes, including the preparation of technical quotations, project proposals, and client presentations.
- Managed the complete project lifecycle, from sales support to site execution, including the installation of firefighting systems (piping, hydrants, cabinets, sprinklers), fire alarms, CCTV, ACS, and voice/data systems.
- Provided comprehensive administrative and project coordination support for the Punjab region, ensuring all project documentation and communication were streamlined and up to company standards.

Site Engineer

MEP Solutions Pvt Ltd | Pakistan

Mar 2016 – Oct 2019

MEP Solutions provides contracting services for MEP systems with a strong focus on planning, coordination, and execution.

Key Responsibilities:

- Managed the installation and execution of electrical systems, including power cables, distribution boards, lighting fixtures, and fire alarm systems.
- Led the supervision of on-site activities, ensuring compliance with project specifications, safety regulations, and timelines.
- Performed material estimation, prepared BOQs, and managed the procurement of necessary components for MEP services.
- Directed fire alarm systems installation, electrical bonding, and power supply integration for mechanical equipment.

PERSONAL DETAIL

Date of Birth : 27 Dec 1994
Religion : Islam
Nationality : Pakistani
Marital Status : Married
Language Known: English, Urdu