

# AHMED SAID – SENIOR ELECTRICAL ENGINEER

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## PROFESSIONAL SUMMARY

I am a senior electrical engineer at **Alomaier Trading and Contracting**, an infrastructure construction company in Riyadh, where I oversee the improvement of the external roads for the Avenues Riyadh Mall at the interchange of King Salman and King Fahd Road, which include roads, bridges, tunnels, and dry utility networks, among other elements. I am responsible for creating shop drawings for all electrical networks, technical submittals of suppliers and materials, and follow-up on the removal and relocation of existing networks (Telecoms, Power, Lighting, MOT, MOI, MOD, Riyadh municipality, etc.) that conflict with our new construction, coordinating with local authorities. Additionally, I handle the design of the hoarding lighting system and oversee the implementation of the detour, and follow up on the construction for new networks at the site with my team.

I have **(12) twelve years** of experience in electrical Systems, both in on-site and technical office, working on various large-scale projects with leading companies in Saudi Arabia and Egypt, such as MOT, Riyadh, and the Holy Makkah Municipality, Diriyah Gate Development Authority (DGDA), Saudi Electric Company (SECC), National House Company (NHC), Shomolu Holding, AECOM, Administrative Capital for Urban development (ACUD), and New Urban Communities Authority. I hold a Bachelor of Engineering in Electric Power Engineering & Machines (Faculty of Engineering, Shoubra, Benha University).

My goal is to become a highly qualified and dedicated electrical engineer who can make significant contributions to the success of any organization. I am passionate about learning new skills and technologies and applying them to enhance my academic background, communication abilities, and leadership skills. Additionally, I am motivated by the opportunity to collaborate with diverse teams and share my expertise and knowledge with others.

## TOP SKILLS

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|---------------------------|-----------------------|--------------------------------------|
| ▪ Proactive engineer      | ▪ Teamwork skills     | ▪ Excellent communication skills     |
| ▪ Innovation              | ▪ Active Learning     | ▪ Leadership, writing letters        |
| ▪ High potential          | ▪ Work under pressure | ▪ Time management                    |
| ▪ Oracle Aconex           | ▪ AutoCAD             | ▪ Word, Excel, PowerPoint & internet |
| ▪ Organizing and planning | ▪ DIALUX              | ▪ Shop drawing (QS), and as-built    |

## EXPERIENCE

**Senior Electrical Engineer**  
**[Alomaier Trading and Contracting Company](#)**

**Sep 27, 2021 - Present**  
**Riyadh, KSA**

### **Description of work I have done:**

- ❖ **Work as a site and technical office engineer, as well as a dry utility engineer, on the project **The Avenues Riyadh mall - External Roads improvement (ERI)** at the interchange of King Salman and King Fahd Road.**
  - Preparing shop drawings for street lighting, tunnel lighting, low current systems, vms, ventilation and power systems for interchange roads, five bridges, and seven underpasses/tunnels.
  - Removing and relocating existing dry utility networks, including telecommunication (STC, mobile, Salam), power (LV/MV), street lighting, green Riyadh electric network, and other networks that conflict with the new construction, in coordination with local authorities.
  - Preparing and reviewing technical submittals from suppliers to ensure compliance with project specifications and checklist requirements before submission. Additionally, preparing technical submittals for method statements.

- Designing hoarding, preparing shop drawings, and creating technical material submittals for submission.
- Following up on all electrical work executed at the site and handing it over to the consultant, and preparing the progress reports and Responsible for following up with subcontractors on site and preparing advanced invoices based on the Bill of Quantities (BOQ).
- ❖ **Work as a site and technical office engineer, on infrastructure project Qiran -235 at North Nigris – Riyadh with National housing company (NHC)**
  - Preparing shop drawings for the following networks (street lighting system with all civil works, telecommunication system, streetscape and park area).
  - Implementation of street lighting networks (lighting substations, feeder pillars, lighting pole foundation, cables, poles, lighting luminaires, and earthing).
  - Following up on the low voltage and medium voltage power networks, and the implementation of unit substations with different rates and low voltage pillars according to SEC standards.
  - Following up on the installation of the telecommunication network, including manholes, handholes, and ducts.
  - Following up on the implementation of the land scape network (Ducts, Spike lights, pollard and up Lights and cable routing).
  - Preparing the progress reports for all networks.
- ❖ **Work as a site and technical office engineer, on infrastructure project Diriyah Square Package 1B, Western Ring Road Diversion at Riyadh one of Diriyah Gate Development Authority (DGDA) Project.**
  - Preparing shop drawings and material submission
  - Implementation of street lighting networks (lighting substations, feeder pillars, lighting pole foundation, cables, poles, lighting luminaires, and earthing).
  - Implementation of the lighting systems of hoarding (lighting luminaries, cables, low voltage panels, and generators).
  - Follow up the maintenance of the network along the duration of guaranty.
  - Preparing as-built drawing and all required documents as per contract to hand over the project.
- ❖ **Work as a site and technical office engineer, on project of complete several roads at Al Qassim (Group 21), under the Ministry of Transport (MOT)**
  - Preparing shop drawings and material submission.
  - Implemented the street lighting system of the **inner southern ring road** (lighting substations, street lighting feeder pillars, high mast poles 25-meter height with all civil works, lighting luminaires, and earthing system).
  - Implementation of lighting system of **intersection of King Faisal** (lighting feeder pillars, underpass lighting luminaires, and earthing).
  - Implementation of lighting system of **interchange of airport with king Fahd road** (lighting substations, underpass lighting luminaires, and earthing).
  - Implementation of Traffic Road sign.
  - Preparing as-built drawing and all required documents as per contract to hand over the project.
- ❖ **Work as a site and technical office engineer, on project of the remaining works and the completion of some roads in the eastern region - Dammam, under the Ministry of Transport (MOT)**
  - Preparing shop drawings, material submission.
  - Following up the Implementation of the street lighting system with all civil works for the following interchange (**Prince Naif with Riyadh Road, Nabia intersection with Abu hadriah**)
  - Preparing as-built drawing and all required documents as per contract to hand over the project.
- ❖ **Work as a site electric engineer, on project the Gulf Address residential compound - Al Khobar**
  - Following up the Implementation of the street lighting system with all civil works.
  - Following up on the implementation of the land scape network (Ducts, Spike lights, pollard, up Lights and cable routing).
  - Preparing as-built drawing and all required documents as per contract to hand over the project.

**Description of work I have done:**

- ❖ For Saudi electric company (SEC) at Unified Contract for Distribution and Customer Service Sector:  
I was responsible for the implementation of medium voltage and low voltage networks for underground cables and overhead lines, as well as the installation of unit substations and ring main units, LV pillars, PMT, LBS, poles, earthing, LV panels, etc. I prepared as-built documentation and handing it over to SEC Company for the following projects and others:
  - Followed up on the implementation of the medium voltage network to supply power to the National Water Company in Bahra, KSA, from two main substations (HHR 1 and HDD) through a 15 km medium voltage underground cable
  - Implemented the medium voltage network to interconnect the Al-Shmeissi main substation with the grid coming from the Bahra main substation, utilizing 23 km of medium voltage underground cables and 3 km of overhead lines.
  - Power Supply for Al Haramain Company in Bahra: This project includes the installation of medium voltage underground cables over a distance of 3 km, along with the installation of RMU and Unit substations.
  - Implementation of the Al-Faisal neighborhood Low voltage and medium voltage network at Al Ju`ranah, Makkah and more than 700 sites in village through (overhead lines, underground cables, Pole mounted transformers, Unit substations, RMU, LBS, Electrical Poles, overhead conductor wires, Low voltage Panels, Pillars and customer meter).
  
- ❖ For Holy Makkah Municipality
  - Design and distribution of a street lighting system for the project at the intersection of Taif Al-Sail Road with Engineer Street Omar Al-Qadi in Makkah.
  - Prepare shop drawing of the intersection and Material submittals.

**Description of work I have done:**

- ❖ I worked as a consulting site electrical engineer in the construction supervision division. My responsibilities included overseeing the installation of the electrical network, reviewing technical submittals, examining shop drawings, and conducting Factory Acceptance Tests (FAT) and Site Acceptance Tests (SAT) for the Western Regional Ring Road project of the New Capital, under the New Urban Communities Authority. This project involved:
  - The installation of 23 medium voltage switchgear (MV Distributor) units along with comprehensive electrical systems, including:
  - 630 km of medium voltage cable (which constituted the entire electrical network for the Western Regional Ring Road)
    - Medium voltage switchgear and dry type Auxiliary transformers, Smart RMU and CBS.
    - Low current systems, CCTV cameras, data, fire alarm, and access control.
    - Lighting systems
    - Earthing systems

**Description of work I have done:**

- ❖ I worked as a technical office engineer on infrastructure projects under the New Urban Communities Authority for the following residential compound projects: Al Andalus, Alaksar Tamyozan, and the industrial zone in Shrouk. My responsibilities as mentioned below
  - Prepare shop drawing for the all networks (MV, LV, and lighting system)
  - Estimating project quantities.
  - Preparing material submittals for all project materials.

- Tracking execution on-site.
- Prepare letters to local authorities.
- Prepare material requests.
- Preparing breakdowns of additional quantities.
- Conducting Factory Acceptance Testing (FAT) and Site Acceptance Testing (SAT).

#### EDUCATION

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**B.Sc. Electrical Power Engineering & Machines**  
**Benha University - Faculty of Engineering Shoubra**

**May, 2013**

#### LANGUAGES

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- Arabic: Native Tongue
- English: very good

#### CERTIFICATIONS

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