

MOHAMED SABRY RADWAN

Electrical Project Manager

Details

Address

Riyadh
Saudi Arabia

Phone

00966-545134262

Email

moh87_1@yahoo.com

Skills

Effective Time Management



Leadership Skills



Communication Skills



Ability to Work in a Team



Knowledge of Technical Diagrams



Complex Problem Solving



Strong Critical Thinking Skills



Languages

ARABIC



ENGLISH



Profile

Dedicated and experienced Electrical Project Manager with extensive knowledge of engineering principles, theories, specifications, and standards. Bringing forth an in-depth understanding of engineering and strong technical abilities relating to working with the Electrical used during work execution, Experienced and self-motivated electrical manager bringing forth valuable industry experience and a passion for management. Results oriented with a proven track record of working collaboratively with team members to achieve goals. and adept at effectively managing all operation,

Employment History

Electrical Project Manager , MARCO (MOHAMMED MOHAMMED AL-RASHID CONTRACTING COMPANY)

May 2021 – Present  Riyadh

- Project management, Planning.
- Study and analyze the new projects, by reviewing all the project documents, which included (Tender DWG's, BOQ and Project Specifications).
- Collaborate with designers to determine the equipment needed to complete manufacturing according to project specifications.
- Analyze all suppliers in order to select the most suitable suppliers who are able to deliver high quality products at competitive pricing.
- Negotiate with suppliers on lead-time, cost and quality so as to obtain the maximum benefit.
- Manage suppliers to meet objectives related to cost, delivery performance, schedule and quality.
- Liaise with suppliers on delivery schedule so as to ensure on-time deliveries of final product.
- Stay updated on industrial trends, Market conditions
- Ensure commercial, legal and contractual compliance in all the procurement transactions.
- Monitor any adjustments to equipment needs to maintain the optimum supply of equipment to complete projects on time and on budget.
- Prepare and study technical drawings specifications of electrical system and topographical maps to ensure that installation and operation confirm to the standards and consumer requirements.
- Supervise and lead the supervisors – foreman who in turn led the team of technicians and workers to perform on-site electrical work.
- Direct and coordinate all electrical installation, maintenance, support, documentation, and testing activities to ensure compliance with specifications, codes and consumer requirements.
- Identifying complex problems and reviewing related information to develop and evaluate options and implement solutions.
- Using critical thinking skills, thereby using logic and reasoning to identify the strengths and weakness of alternative solutions, conclusions and approaches to problems.
- Review of work processes to ensure consistent scope and quality of electrical specifications.

- Provide oversight during detailed design and construction phase including interface with equipment suppliers-vendors to ensure design intent is followed and implemented.
- Coordination of purchase department to ensure that the material is follow specification.
- Monitor job work and ensure quality work at targeted schedule.
- Prepare reports on job status and task completions.
- Completion of work as per the planned schedule.
- Excellent reading schematic diagram, service manual, part list catalog, and wiring diagram.

Senior Electrical & Telecom Engineer at Ministry Of Housing Projects, SANY AL-AMERIAH REAL ESTATE COMPANY

Apr 2019 – Apr 2021 📍 Dammam

- Studying Drawing of power, HVAC, Grounding and lighting systems.
- Submit for approval from consultant, the time frame plan, evacuation plan, safety and quality plans, project organization plan.
- Study from scratch / design / submit for consultant approval, the whole Electrical shop

drawings with a restrict compliance to the Electrical codes (NEC – IEEE – NFPA – SBC) & FGI standards.

- Study & design the Normal / Emergency / UPS network for the whole project & Submit the proposed single line diagram for consultant approval, with all panel load schedules – voltage drop calculation – breaker & cable size selection – short circuit calculation.
- site execution with full coordination with other mechanical & architectural activities.
- Negotiate with electrical suppliers to get the best offers with respect to project specifications.
- Preparation of Method of Statements for all electrical, telecommunication items.
- Rectify shop drawings to match the requirements of the Owner.
- Electrical site team management (site engineers, supervisors, lead mans, technicians)
- Responsible for infrastructure scope (medium voltage cables , low voltage cables , duct banks , telecommunication PEC ducts , telecommunication manholes, Fiber cables ,CATV cables , irrigation pump station ,power transformers and Mini pillars.
- Apply lux testing for all lighting fixtures.
- Subcontractor offers studying
- Materials handling.
- Material & cost control

Senior Electrical & Telecom Engineer, AZMEEL CONTRACTING COMPANY

Oct 2010 – Mar 2019 📍 Al Jubayl


Projects:

- Saudi ARAMCO Housing Project- Package 2A
- King Faisal University-Hassa, KSA) Collage of Literature (Boys, Girls) ,Classrooms & National Research Buildings.
- Jubail Technical Institute (JTI) Phase 4(JTI 028-C26). Royal Commission.
- Apply project management processes during project life time.
- Prepare and submit for client approval, the project organization chart, duty time schedule &responsibilities, material/equipment list, project time schedule plan.
- Monitor & ensure the resources availability during the whole project cycle.

- Apply the change control & risk register templates with a continuously updates during project cycle.
- Contact with the PMO continuously during project stages with speed reporting, in case of any change happened, may affect the project scope of work / project budget / project time schedule.
- Prepare the shop drawings for all electrical systems with all details / calculations required & take the approval from client.
- Manage, Supervise and monitor the execution of work during project stages with a restrict compliance to the Electrical codes (NEC – IEEE – NFPA – SBC).
- Apply the Q/C process for all electrical activities & ensure applying each activity's standards.
- Coordinate with all project teams and stakeholders during each project stage.
- Final handover the project to client after spending a one-year warranty period.
- Negotiate with electrical suppliers to get the best offers with respect to project specifications
- Preparation of MTS (Material Technical submittals) for all electrical pay items.
- Preparation of Method of Statements for all electrical, telecommunication items.
- Electrical site team management (site engineers, supervisors, lead mans, technicians)
- Attend meetings with Aramco for site progress and milestone tracking.
- Responsible for infrastructure scope (medium voltage cables , low voltage cables , duct banks , telecommunication PEC ducts , telecommunication manholes, Fiber cables ,CATV cables , irrigation pump station ,power transformers and Mini pillars.

Education

Faculty Of Engineering , Mansourah University , Good

Sep 2005 – Jun 2010  Egypt

- B.Sc. of Electrical Engineering (MAY 2010), Faculty of Engineering, Mansoura University.
- Graduation Project: Effects Of FACTS Devices Of Protection System And Wind Farm (Wind Turbine Model).
- Graduation Project Grade: Excellent.

Courses

Programmable Logic Controllers (PLCs), JELCOM JAPAN

Jun 2010 – Jul 2010

AutoCAD (Electrical applications), Mansourah University

Jul 2009 – Sep 2009

QA/QC and Quality Management systems training course., Cairo University

Mar 2013 – Apr 2013

PMP, PMI

Mar 2024 – Apr 2024