

## Ahmed Shawky Metwally

Address: Cairo, Egypt

Mobile: +201006439234

+966541897433

E- mail: [ahmedshawky88@yahoo.com](mailto:ahmedshawky88@yahoo.com)



### Objective

An **Experienced MEP professional** Having +12 Years, works in Mega Projects and Special Prestige's such as (Towers, Commercial, Mixed-use, Airport, Attractions & Entertainment Program) in GCC KSA, Dubai & Egypt, seeking a challenging position in the field of Engineering, Management in national or multinational company by, taking experience and self-actualization where I can utilize my academic background my skills and experience and further enhance them to a greater limit.

### Education

- Diploma in Project Management: George Town College 2014
- TOEFL iBT ® Certified
- B.Sc. Degree in Electrical Power and Machines Engineering Helwan University 2012.
- Graduation Project: Design of substation protection and control, Grade: Excellent
- Sorour Language School, Mathematical Science, Grade: Excellent (95%)

### Area of MEP Expertise

- Deep knowledge in Project Life Cycle Operations Starting from Engineering, Procurement, Construction, Commercial, and PCS stages until Handing over to the Owner.
- Monitor, Control, close out Process for the MEP Scope from the Utility side until the End User through Supply, Installation, testing, handing over to the client.
- Deep Knowledge of Regulations with Prestigious Client as Emaar, Meras (Mixed Used Tower, Dubai International Airports, Emirates Flight, DNATA, Police and Immigration Department.
- T&C for MEP System as per The Quality plan, Maintain ITP (Inspection Testing plan) According to the Quality Plan and Achieve the Approval as Per Regulation and Owner Requirements.
- Review the As Built& Close Out Documents for All Necessary System and maintain the Approval Process.
- Review Daily Progress for Manpower and Material Wise Scheme for the Progress.
- Working on Closing the Snags and Rectify all Comments from The Consultant to Achieve Code 1/A
- Working at Existing MEP Service and Capability for Identification, Reroute and dismantling the same in the Fit out and refurbishment Scope.
- Having good Knowledge about DEWA, Dubai Civil Defense, Inspection and Getting Necessary Approval and NOC prior to start.
- Having a good knowledge in electrical systems and lighting solutions (ELV | BMS | LV | HV). Fully capable of handling all construction related activities, including site works, engineering, and commercial/contractual aspects.

- Worked on Unique Projects Airports, Towers, Highrise Buildings, Commercial and Retails and Hotels, Attractions ,Cinema .

## **Experience:**

### **DAR International PMC (Sep 2023 – Present)**

**Positions: MEP Project Manager (Sep 2023 – Present)**

**Location: KSA**

**Projects: ABHA Complex Entertainment area (Consists of Retails /Attractions/Cinema /Utilities Building, Special Discovery Theming, Arcade Games, Rides)**

**Project Budget:**

**Client: SEVEN SAUDI ENTERTAINMENT VENTURES (PIF company)**

- Responsible for MEP Works in Construction Site and Tech. Office & Support MEP Project Director.
- Review and Develop on the MEP design including drawings and technical specifications to be provided to the consultants in all Stages.
- Monitor & coordinate all MEP issues with counterparts from other Project parties including engineering, procurement and installation of all MEP systems to ensure utmost integrity and functionality of all elements are duly maintained. Report to the Project Manager accordingly.
- Monitor the performance with regards to the MEP aspect to ensure compliance with the relevant standards and specs Dealing with more then Subcontractor Packages
- Review package contractors' technical submittals and test reports in coordination with the Owner and issue comments for compliance.
- preparing periodical reports and other reports. Identify and highlight problems in advance of impact on the works.
- Review, Participate & Assist the Design Team/Project Team in value engineering exercises & in selecting proper constructability methods based on safe design and functionality.
- Assist in processing payment applications and advise Project Director & Commercial team of technical issues needed for variations, disputes, workmanship, work quality... etc.
- Develop the Testing Commissioning plan and closing Out For all Documentation ATP Procedure to Comply with Client Vision and Specs .
- Attend all periodic progress & technical meetings held with all relevant parties. Review & comment on Progress & other reports submitted by project parties.
- Coordinate with the Client in following up with the Authorities to speed up the approval process and obtain all Required Permit During,Construction Phase

**REDCON Construction Co. S.A.E ( Mar 2019- Sept 2023)**

**Positions: MEP Construction Manager (Mar 2023 – Sept 2023)**

**MEP Section Head (Dec 2019 – Mar 2023)**

**MEP Team Leader (Mar 2019 – Dec 2019)**

**Location:** New Alamein City, Egypt

**Projects:** Al Alamein Tower High Rise Building The Gate, The Entertainment City.

**Projects Budget:** 2.2 billion EGP

**Client:** New Urban Community Authority

**Consultant:** Engineering Consultant Group (ECG)

- Responsible for MEP Works in Construction Site and Tech. Office & Support MEP Project Manager.
- Review and comment on the MEP design including drawings and technical specifications to be provided to the consultants in all Stages.
- Monitor & coordinate all MEP issues with counterparts from other Project parties including engineering, procurement and installation of all MEP systems to ensure utmost integrity and functionality of all elements are duly maintained. Report to the Project Manager accordingly.
- Monitor the performance with regards to the MEP aspect to ensure compliance with the relevant standards and specs.
- Review package contractors' technical submittals and test reports in coordination with the PMC & Consultant, and issue comments for compliance.
- Assist the Senior Project Manager in preparing periodical reports and other reports. Identify and highlight problems in advance of impact on the works.
- Review, Participate & Assist the Design Team/Project Team in value engineering exercises & in selecting proper constructability methods based on safe design and functionality.
- Assist in processing payment applications and advise Project Manager & Commercial team of technical issues needed for variations, disputes, workmanship, work quality... etc.
- Coordinate with Design and Project Team by providing knowledge of the prevailing local and international MEP codes of practice, regulations, and specifications for the construction industry.
- Attend all periodic progress & technical meetings held with all relevant parties. Review & comment on Progress & other reports submitted by project parties.
- Coordinate with the Project Team in following up with the Authorities to speed up the approval process and obtain construction NOCs.

**Al Shafar General Contracting LLC – ASGC UAE (Dec 2016 -Feb 2019)**

**Positions: Sr. Electrical Site Engineer (Jun 2017 – Feb 2019)**

**Electrical Site Engineer (Dec 2016 – Jun 2017)**

**Location:** Dubai, United Arab Emirates.

**Projects:** Blue Water Residential Development, Dubai International Airport Improvement Works

**Projects Budget:** Aroud 690 billion AED

**Client:** Mirage, Dubai Aviation Engineering Projects, DAEP

**Consultant:** Dar el Handassa (Shair & partners')

- Generally responsible for implementations and monitoring of all electrical related works at site
- Estimates prepare and assign the resources such as manpower, materials, consumables, equipment, tools, etc., required for all electrical and related works prior to execution.
- Supervising generation of the followings for all Electrical services according to standards and local jurisdictions like As-Built Drawings and Composite Drawings & Sections.
- Interprets construction drawings and studies the contract documents and applicable standards or specifications prior to execution of any jobs.
- Manages directly and provide engineering and technical supports to all the electrical work groups at site.
- Plans the execution of all electrical related works and coordinates the works to mechanical and civil groups
- Coordinates with Client / Consultants representatives for any site instructions and inspection of works.
- Assign targets for accomplishments and ensure targets are met on daily basis for all electrical groups at site.
- Submits site daily reports, inspection requests, estimates and all applicable monitoring reports on regular basis or as required.
- Supports the Project Manager in accomplishing all the goals and targets for the electrical groups at site.
- Ensures that all site works are done according to all applicable quality standards
- Directly responsible for the safety of all electrical groups personnel of the project by ensuring that the project execution will be done according to all applicable health, safety, sanitary and environmental standard

**Arackal Group - Adams Adonis decor LLC, Fit Outs contractor (Aug 2015 - Oct 2016)**

**Position:** MEP Commercial Engineer.

**Location:** Dubai, United Arab Emirates.

**Projects:** Fit Outs Projects, Retails & Hotels in UAE Scope in MEP & Fire Fighting

**Projects Budget:** Around 250 million AED

- Scan the market for new projects, making technical presentations and demonstrating how and why the company can Meet Consultant, contractor, and owner needs
- Negotiating and closing sales by agreeing upon terms and conditions with contractors
- Achieving/ exceeding annual sales target
- Coordinate with other members of technical expert
- Carry out site survey with engineering staff
- Receive the Bill of Quantities from contractor and hand it to the engineering Staff solving client problem
- Negotiating tender and contract terms, analyzing costs and sales, Follow up with existing Projects
- Maintain relationship with contractors and consultants
- Prepare and submit daily/weekly /monthly reports to the General manager & Managing Director
- Responsible for project phases supply, insulation, testing and Commissioning programing certificates, inspection from the government side
- Prepare all Annual Maintenance contracts & manage their Service

**Aqaba Gulf, Aqaba Development Co. Sector of Tourism and Real Estate (Apr 2013 -Apr 2015)**

**Position:** MEP Tendering Engineer.

**Location:** Jordan, Red Sea

**Projects:** Upper Yamane Heights

**Projects Budget:** Around 400 million JD

- Prepare & Evaluate list of available bidding opportunities to decide which will be joined.
- Review & study bid document in order to verify the availability of sufficient information.
- Coordinate with Planning & financial department in preparing initial time schedule & cash flow taking into consideration any financial expenses.
- Cost breakdown for BOQ items regarding direct & indirect costs.
- Prepare the final proposal c/w special commercial & technical terms & clarifications.
- Update all data base prices regarding all items.

## **SUMMER TRAINING AND COURSES**

- Energy Procurement's at Schneider Energy University
- Site Planning and Ventilation for Battery Technology at Schneider Energy University
- Renewable Energy at Schneider Energy University
- Power Factor & Harmonics at Schneider Energy University
- Power Generation system at OGS company
- Trainee Engineer at Cairo North power plant
- Power System Distribution (level1) at jelecom Training Center
- PLC (Siemens) course at ICTP Center Faculty of Engineering Cairo university
- Electrical workshop at Faculty of Engineering Helwan university

## **SOFT SKILLS**

- Team work: Supportive, organized, coordinator, imaginative, open-minded
- Leadership: Dynamic, motivator, team-builder, confidence booster, outward looking
- Interpersonal: Self learning, listener, flexible, co-operative, constructive, assertive
- Oral communication: Trainer, communicator, presenter, promoter, empathetic.
- Quick learning, Good Communication Skills.
- Having ability to work hard even under stresses.
- Technical Writing Skills & Reporting Skills

## **LANGUAGE SKILLS**

- Arabic (mother tongue), English – TOEFL Certificated (Excellent spoken & written), French (fair)

## **Computer SKILLS**

- Oracle ERP, DIALUX, AutoCAD, Microsoft Office, PLC programming, ETAP Program

## **INTEREST:**

- Technology, Computer and internet, Reading, Traveling

## **Personal Data:**

- Date of Birth: 5-2-1991
- Nationality: Egyptian
- Marital Status: Married
- Military Status: Exempted
- Driving License: UAE & Egypt

**REFERENCES ARE AVAILABLE UPON Request**