**B.Mohamed Hamdhan**

**Site Engineer – Civil**

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# Key Profile

1. Having a total of 5 years’ experience including over 4 years in UAE and KSA in the field of Civil Engineering which includes the Design & construction of Substations and Buildings.
2. The key experience and skill involves Site execution and supervision of Projects as per Contract specification and Time management.
3. Proper Coordination and Good Communication with Clients, Consultants and Contractors for the successful execution of Projects.

# Professional Experience - Projects Worked

* 1. Designation : Site Engineer Civil Projects : 132/11kV Substations

Company : Dubai Electricity & Water Authority (External contract)

Duration : May 2017 to till date

* 1. Designation : Site Engineer

Project : 110/13.8 kV Al Qaim Substation, Taif

Contract value : SAR 74 Million

Company : ETA Star Engineering & Contracting Company, Saudi Arabia Client : Saudi Electricity Company

Duration : Dec 2015 to Apr 2017

* 1. Designation : Site Engineer

Project : 110/33/13.8 kV Al Khurmah Substation, Taif

Contract value : SAR 121 Million

Company : ETA Star Engineering & Contracting Company, Saudi Arabia Client : Saudi Electricity Company

Duration : Jul 2014 to Nov 2015

* 1. Designation : Site Engineer

Project : 132/11 kV Al Barsha Substation

Company : ETA Power Projects Division, Dubai

Client : Dubai Electricity & Water Authority (DEWA)

Duration : Apr 2014 – Jun 2014

* 1. Designation : Site Engineer

Project : 132/11 kV Golf community Substation, Dubai

Contract value : AED 95 Million

Company : ETA Power Projects Division, Dubai

Consultant : Energo project Entel (EPE)

Duration : Sep 2013 to Mar 2014

### *Technical Scope of work and Key Responsibilities:*

The major scope and knowledge of work in the project involves the following,

* + - Surveying and excavation of project area up to designated level.
    - Knowledge in Installation of H beam type shoring.
    - Knowledge in Soil improvement techniques by Stone columns.
    - Knowledge in Soil density testing.
    - Knowledge in Quantity surveying and preparation of site BOQ.
    - Knowledge in rebar fixing work as per drawings for the building foundation.
    - Knowledge in pouring of mass ready-mix concrete for the Raft foundation and slabs.
    - Knowledge in analyzing the quality of concrete (temperature check and slump cone test).
    - Knowledge in construction of Retaining walls.
    - Casting of floor slabs with required openings for Cable entry to basement and embedded plates/channels for Equipment installation.
    - Construction of CMU Block walls with required openings for HVAC and firefighting works.
    - Knowledge in Installation of heat resistant Gypsum boards for walls facing direct sunlight.
    - Knowledge in Installation of precast hollow core roof slabs.
    - Knowledge in Installation of Raised floor and Reflected ceilings.
    - Knowledge in construction of Underground water tanks, septic tanks and manholes.
    - Knowledge in building finishing works and repair works (core cutting and using approved filling materials).
    - Knowledge in construction of foundations for transformers, capacitor banks, PACU units.
    - Knowledge in Pile boring & construction of Pile foundation for gantry & OHL tower structures.
    - Knowledge in construction of auxiliary buildings involving isolated footings.
    - Knowledge in construction of cable trenches and encased cable duct banks.
    - Knowledge in construction of boundary retaining wall for the main building that includes installation of precast columns & panels.
    - Knowledge in construction of Pavements & Interlocks inside the plot area.

### *Projects Summary:*

1. **Designation : Site Engineer – Civil Projects : 132/11kV Substations**

**Company : Dubai Electricity & Water Authority (External contract)**

The projects involves construction of B+G+1 & B+G+2 Substations that includes GIS room, Switchgear rooms, Fire pump room building, IDT, ET, Fire water tank foundations, Cable duct banks etc.

### *Other Responsibilities include:*

* + Responsible for supervision of the project based on DEWA specification.
  + Responsible for monitoring the execution of work as per RFC drawings.
  + Ensuring the works are done in coordination with the local authority.
  + Ensuring the works are done without any safety violations.
  + Conducting frequent site visits to ensure quality and safety at site.
  + Involving in Inspection of site works with the contractor to ensure the works are done as per approved drawings & specification.
  + Involving in Factory inspection for ensuring quality & approval of materials (steel structures).
  + Reviewing of material delivered to site for conformance with approved samples & specs.
  + Reviewing of material test reports and concrete cube tes
  + Responsible for coordination with MEP and Electrical teams.
  + Issuing Site notes to the contractor in case of any quality and safety issue.
  + Reviewing of red markup drawings to be implemented in As-built drawings.
  + Preparation of Daily reports and weekly progress reports.
  + Preparation of Monthly progress and productivity reports.
  + Attending meetings with contractors/site consultants to ensure smooth work flow.

1. **Designation : Site Engineer - Civil**

**Projects : 110/33/13.8kV Al Khurmah Substation, Taif, KSA 110/13.8kV Al Qaim Substation, Taif, KSA**

**Client : Saudi Electricity Company**

This project involves the construction of B+G+1 Substation that includes GIS room, Switchgear rooms, Power transformer, Auxiliary transformer & Capacitor bank foundations, Overhead line Gantry foundation Cable duct banks etc.

### *Other Responsibilities include:*

* + Responsible for supervision and completion of the project as per contract specification.
  + Implementation of Project Quality plan and procedure.
  + Preparation of Site BOQ for materials used during construction.
  + Responsible for coordination with Mechanical and Electrical teams.
  + Responsible for reviewing of architectural and structural drawings.
  + Execution of site works based on approved drawings.
  + Preparation of Daily and weekly progress reports for submission to clients.
  + Preparation of Three week schedules and working accordingly.
  + Conducting tool box talk to workers prior to start of a new activity at site.
  + Raising of RFI’s to consultant for inspection of activities at site.
  + Preparation of As-built drawings implementing the changes that took place during construction.
  + Responsible for site establishment works.
  + Responsible for attending of punch points.

## Designation : Site Engineer

**Project : 132/11 kV Al Barsha Substation**

**Client : Dubai Electricity & water authority**

### *Other Responsibilities include:*

* + Clearing of all snag/punch points and notification of defects issued by DEWA.
  + Conducting safety tool box talk to workers during punch list clearance works.
  + Preparation of Indents/BOQ for punch list clearance materials.
  + Allocation of manpower and machineries required for work.
  + Obtaining DEWA engineer clearance after completion of specific snag points.

## Designation : Site Engineer

**Project : 132/11 kV Golf community Substation, Dubai Consultant : Energo Projekt Entel**

**Client : Damac properties LLC**

**End User : Dubai Electricity and Water Authority**

This project involves the construction of B+G+1 (132/11kV) Substation that includes GIS room, SWGR rooms, Power transformer and Auxiliary transformer building, Underground oil water tank, control rooms, etc.

### *Other Responsibilities include:*

* + Responsible for reviewing of architectural and structural drawings.
  + Responsible for supervision and completion of Project as per contract specification.
  + Responsible for coordinating the project works with mechanical & electrical teams.
  + Studying the local regulations, contract documents, project specification and executing the work accordingly.
  + Responsible for Daily & Weekly progress reports for submission to clients.
  + Preparation of Three week schedules and working accordingly.
  + Execution of site works based on approved drawings.
  + Preparation of As-built drawings implementing the changes that took place during construction.
  + Preparation of BOQ for materials used during construction.

### *TECHNICAL QUALIFICATION:*

* 1. **– Civil Engineering** from Anna University, Chennai, India.

### *COMPUTER KNOWLEDGE:*

* + - Well versed in MS office package (MS word, MS excel, MS Outlook, etc)
    - Knowledge in Auto-Cad

### *TRAINING PROGRAMS:*

* + - Teamwork & Leadership skills
    - Time and Task management
    - Assertive behavior
    - Emotional Intelligence

### *PERSONAL DETAILS:*

Age : 27

Father’s name : M.Bukari Shareef

Nationality : Indian

Marital status : Single

Languages known : English, Hindi (spoken), Arabic (spoken), Tamil

Passport No : K9942046

Driving License : Valid UAE driving license

Current location : UAE

I hereby declare that the above information are true and correct to the best of my knowledge and belief.

Yours sincerely,

Current location: UAE (B.Mohamed Hamdhan)