

# **B.Mohamed Hamdhan**

## **Site Engineer – Civil**

United Arab Emirates • Mobile: +971 52 6836306 • Email: [hamdhan1661@gmail.com](mailto:hamdhan1661@gmail.com)

---

### **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                                    |
|                 |  |
| (2) 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                                     |
|                 |  |
| (3) 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                                     |
|                 |  |
| (4) 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                                      |
|                 |  |
| (5) 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.

**(2) 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.

**(3) 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.

**(4) 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:**

**B.E – 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)