**CURRICULUM VITAE**



**MUHAMMAD**

**Electrical Engineer** (**FEWA** approved as Consultant Engineer & Registered with **PEC**)

**Location: Fujairah, United Arab Emirates**

**Email:** [**Muhammad.370672@2freemail.com**](mailto:Muhammad.370672@2freemail.com)

**Skills**:(**Auto Cad** Design, Site Execution, Cost Estimation & **UAE Driving License**)

**PROFILE SNAPSHOT:**

* A qualified Electrical Engineer, **FEWA** approved and Registered with **PEC**, have **3.5 Years** of experience in **MEP** Field (Designing, Testing, commissioning and Implementation).
* Well-rounded experience in High rise buildings, G+1/G+2 villas, warehouses, labor camps, **HV** and **LV** systems (11/33KV or above substations) as per **SEWA** and **FEWA** rules.
* Presently associate with **07 General Building Consultancy Fujairah, UAE** as **Electrical Design Engineer.**
* Preparing and executing target and programs in accordance with the company’s procedures and client satisfaction.
* Well versed with quality procedures, designs, manuals and implementation of projects involving method engineering.
* In-depth knowledge in Electrical (HV & LV) systems, designing’s, method statements, safety and quality assurance.
* Excellent interpersonal and communication abilities, and possess a wide range of technical skills. Enjoys being part of a team, as well as managing, motivating and training a productive team, and thrives in high pressure and challenging working environments.

**PROFESSIONAL WORK EXPERIENCE:**

**Organization:** **07 GENERAL BUILDING CONSULTANCY FUJAIRAH, UAE**

**Tenure:** November 2016 – Till Present

**Designations:** **Electrical Design Engineer**

**Responsibilities:**

* Designing of MEP drawings (Electrical, Plumbing and Telephone) as per **FEWA** rules.
* Review designs development for conformance with applicable codes, utilizing engineering standards along with good engineering practices.
* Inspect completed installations and observe operations, to ensure conformance to design and equipment specifications and compliance with operational and safety standards.
* Prepare and study technical drawings, specifications of electrical systems, and topographical maps to ensure that installation and operations conform to standards and customer requirements.
* Collect data relating to commercial and residential development, population, and power system interconnection to determine operating efficiency of electrical systems.
* Coordinate with engineering design team and Distribution Company (FEWA).

**Organization:** **SAMA GROUP OF COMPANIES SHARJAH, UAE**

**Tenure:** July 2015 – October 2016

**Designations:** **Assistant Engineer (Electrical)**

**Responsibilities:**

* **On-Site**. Represent the Client in the role of Electrical Engineer during the Design, Installation, andCommissioning of the electrical (HV & LV) systems.
* Supervise a high voltage 11/33KV or above substation systems as per **SEWA** rules.
* Review of technical procedures and documentation, analysis of electrical installation and procedures.
* Supporting inspection and monitoring of electrical installation and commissioning activities.
* Ensure that construction is carried out in accordance with the Drawings, Specifications, and Quality Plans to meets contractual requirements.
* Identify changes/improvements where appropriate.
* Provide support to site teams with resolution of any technical issues.
* Coordination with Owner representatives in order to solve day to day problems on construction site.
* **Designing.** Revision of consultant drawings as per site if needed as per SEWA rules.
* Designing of Electrical and Plumbing drawing (Power layout, Light layout, single line diagram, and Water supply layouts).
* **Estimation**. Requesting and Collecting quotes from materials suppliers and sub-contractors
* Preparing and submitting quotations for work
* Arranging all required materials as per schedule program of execution and time frame for each activity in all projects after coordination with the Project Manager & Management.

**Organization:**

**HABIB RAFIQ PVT LIMITED PAKISTAN**



**Tenure:**

**Designations:**

Oct 2014– June 2015

**Surveyor Engineer (Electrical)**

**Responsibilities:**

* Verify the accuracy of survey data, including measurements and calculations conducted at survey sites.
* Prepare or supervise preparation of all data, charts, plots, maps, records, and documents related to surveys.
* Calculations, Bill of Quantities (BOQs). Preparation of RFQ and LPO.

**Organization:** **Peshawar Electric Supply Company (PESCO)**



**Tenure:** July 2014 –Oct 2014

**Designations:** **Trainee Electrical Engineer**

**Responsibilities:**

* The objectives of training was the course of understanding of single line diagram of grid station,11KV transformers,11KV distribution panels,11KV lines, Breakers, Bus Bars Single phase and three phase energy meters.
* Carry out inspections of equipment in Grid station.

**PROJECTS:**

Design Projects: **G+8 buildings, G+1/G+2 Villas and Labor Camps** **Year-2016/17**

All Electrical, Plumbing and Telephone drawings design as per Federal Electricity & Water Authority (**FEWA**) rules. And successfully approved from FEWA and Etisalat United Arab Emirate

* G+7 Building of Mr. Hodhaifah Yousuf Abdullah on Plot: 16-block\_M at bin zaid city, Fujairah.
* G+8 Building of Mr. Saoud Abdullah on Plot: 57-block\_M at bin zaid city, Fujairah
* G+2 Villa of Hamad khalfan ali al shareef on Plot: 60-block\_D at Girath, Fujairah.
* Labour Camp of Ms. Safa Ahmed Mohammed ali on Plot: 125j at Thouban, Fujairah.
* G+1 Villa of Aishah Rashed Mohammed al shehhi on Plot: 11-block\_A at Girath, Fujairah.
* G+1 Villa of Mr. Faisak Rashid Saeed on Plot: 12-block\_A at Girath, Fujairah

Executed sites Projects: **G+7 buildings, Labor camps and G+1** **Villas** **Year-2015/16**

All Electrical and Plumbing work as per Sharjah Electricity & Water Authority (**SEWA**)

rules. And successfully pass out from SEWA and Sharjah Municipality.

* G+7 Building of Mr. Rashid Mohamed Al Khayal on Plot: 1254 at Muwaileh, Sharjah(with **Substation**).
* G+3 Building of Mr. Hassan Falet Hassan Al Rashidi on Plot: 3892 at Muwaileh, Sharjah (with **Substation**).
* Labor Camp of Mr. Khameis Musa Mohamed on Plot No ;1923 at Sajjah, Sharjah (with **Substation**)
* G+1Villa of Mr. Khalid Ibrahim Al sharaji on Plot: 3690 at Al Rehmaniya-8, Sharjah.
* G+1 Villa of Mr. Khalil Darwish Ali Ahmad on Plot: 2689 at Al Seouh-7, Sharjah.
* G+1 Villa of Mr. Abdulla Ghuloum Ali Karam on Plot: 1494 at Al Rehmaniya-5, Sharjah.
* G+1 Villa of Mr. Ahmed Hassan Ubaid Al Marzouqi on Plot: 3647 at Al Rehmaniya-7, Sharjah.
* G+1 Villa of Mr. Yousif Mohammed Abdullah Jasim Al Raeesion Plot:150 at Al Seouh-1, Sharjah
* G+1 Villa of Mr. Jasem Mohammed Husaen& His Wife Aleeya on Plot:306 at Al Seyouh-1, Sharjah

Final Year Project:

**Design and comparison of hybrid inverter** **Year - 2014**

It can use more sources to work during a single time and produce more energy also

from the wasted energy.

Semester Project:

**Microcontroller based project (LCD interfacing)**

**Year - 2013**

**ACADEMIC EDUCATION:**

* In 2014, **B.Sc(Electrical Engineering CGPA 3.13/4.00)** from **ABASYN University Peshawar, Pakistan**
* In 2010, **F. Sc (Pre-Engineering 1st** **Division)** from **B.I.S.E Saidu Sharif, Swat, Pakistan.**
* In 2008, **SSC (Science Group 1st** **Division)** from **B.I.S.E Saidu Sharif, Swat, Pakistan.**

**DEVELOPMENT AND TECHNICAL SKILLS:**

* **MS Office**(All versions, MS Word, MS Power Point and MS Excel)
* **Tools:**Auto CAD, Mat Lab, Proteus , KEIL uVision4, Adobe Photoshop, PDF Editor
* **Operating system:** Windows 98 / 2000 / XP & Window 7 /8
* **Kits:**Micro controller 8085 Simulator

**MANAGERIAL & LEADERSHIP SKILLS:**

* Possess good Managerial and leadership skills. I have been the group leader of my final year project team

and succeeded in effectively managing all project activities.

**SEMINARS & WORKSHOPS:**

* Consultant Engineer of 3rd all consultants engineers conference in Federal Electricity and water authority

(FEWA) in Fujairah April 2017

* Chief Organizer of first ABASYN International Conference on Technology and Business management (AICTBM) Peshawar April 2013
* Organizer of First ABASYN Software Competition (ANS-12)

**MEMBERSHIPS:**

* Federal Electricity and Water authority, UAE (Approved Consultant Engineer Electrical Reg. No# 02302)
* Pakistan Engineering Council (PEC Registered Engineer Reg. No# Elect/47231)
* ABASYN Engineering Society (As a Media Secretary)
* Islamic Youth Society (As a Member)

**PERSONAL INFORMATION:**

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|  | Date of Birth: | 09 May 1992 |
|  | Languages Known: | English, Urdu, Arabic & Hindi |
|  | Nationality: | Pakistani |
|  | Visa Status: | Residence / Employment Visa |
|  | Availability: | One Month |

**DECLARATION:**

I certify that the information furnished above is factually correct and subject to verification