**Engr.Muhammad**

[**Muhammad.331948@2freemail.com**](mailto:Muhammad.331948@2freemail.com) **(Electrical Engineer)**

**Driving License: YES**

**PERSONAL STATEMENT**

I’m an accomplished Electrical Engineer with a background in commercial and industrial installations. I have an in depth knowledge of distribution boards and am looking to expand my experience within a role that combines new builds as well as maintenance contracts.

**EDUCATION**

**2012 BE/B.Sc. Electrical Engineering** FUUAST Islamabad, Pakistan.

**MEMBERSHIP OF PROFESSIONAL BODIES**

Registered Engineer with Pakistan Engineering Council

**KEY STRENGTH**

* Familiar with MEP Services (Electrical, HVAC, Plumbing & Fire Fighting).
* Execution of all Electrical Systems Installation, Testing & Commissioning Works. (Building Management System, UPS, Fire Alarm, Distribution Boards, MCC Panels, DDC Panels, CCTV, Public Address System, Access Control & Building Services ).
* Installation, Testing and Commissioning of HVAC Machines (FAHU, AHU, FCU & Exhaust Fans).
* Installation & Testing Commissioning of Fire Fighting Systems.
* Installation of Fire Fighting Pumps and Panels (Diesel Pump, Electric Pump & Jockey Pump).
* Aware of Works Related to Civil, Structural and Finishing Works.
* Preparation of Method of Statements and Risk Assessments for MEP Works as per Standards, Specifications for Client’s / Consultant’s Approval and good & safe Execution of works.
* Good Understanding of DEWA Regulations.
* Aware of Coordinating with various trades to expedite the works and to avoid the repetitive works.
* Well versed with HSE rules regulations, Procedures and Safe work Practices.
* Technical Report Writing.

**UAE EXPERIENCE**

From June 2015 to till date.

##### Company HMA Technical Services L.L.C Dubai.

**Projects**

1. **Electrical Works at Ware House Ras Al Khor**

Project execution with **Al Asad Building Contracting llc**.

**Scope of work:** Modification in LV Systems.

**Designation** : **Electrical Engineer**

**Description :**

* Review shop drawing for existing system and modified this drawing for extra load.
* Prepare Distribution load schedule according to client demand.
* Submitted to DEWA and take NOC and approval from DEWA.
* Prepare meter cabinet, MDB, Capacitor Bank and DB.
* Installation of all electrical equipment (Cable tray, MDB, Capacitor bank, DB and Isolators) inside shad according to DEWA regulation.
* LV cable laying.
* Glanding termination and DB dressing of all cables.
* After DEWA inspection release supply.

1. **HVAC System at 171 G+1 Villas in Al Furjan**

Project execution with **United Engineering Construction (UNEC)**.

**Scope of work:** Installation of FCUs, outdoor units, copper piping, supply, fresh air &   
 exhaust ducting and electrical connections for HVAC system.

**Designation** : **Site** **Electrical Engineer**

**Description** **:**

* Manage and check the daily activity on site.
* Coordinate with the consultant and handle the project in client’s pressure.
* Implement the work as per Drawings.
* Responsible for Consultant’s Approval.

1. **Modification of Different Low Current Systems in Dubai Hospital.**

Project execution with **Al Medina Enterprises Abu Dhabi.**

**Scope of work:** Modification in electrical wiring & installed modified version of Digital

Broad Casting System, Public Address System, Digital Control Lighting   
 System in lecture hall and PBX system.

**Designation** : **Electrical Engineer & Coordinator**

**Description** **:**

* Arrange all material from suppliers and compare them with contracts specifications ensuring the suitability of use under specific site condition.
* Study and analyze the electrical shop drawing to ensure that work is proceeding as per drawing specification and incoming material are as per requirements.
* Responsible for all electrical and electronics works and material’s inspections and their approval from DHA.
* Attending weekly progress meeting.

1. **HVAC System & Electrical Work at G+P+11 Building in Al Furjan Jabel Ali.**

Project execution with **Modern Building Contracting llc Ajman (MBCC)**

**Scope of Work:** Installation of Supply, Exhaust & Fresh Air Pre Insulated Duct and Electrical   
 work (Electric Rooms, Power & Switch Sockets, Lights and Chandelier).

**Designation**  **:** **Engineer Coordinator**   
**Description** **:**

* Monitor and track Project’s Progress and handle any issue that arise.
* Report and escalate to management as needed.
* Use project management tools to monitor working hours, plans and money spend.

1. **PA system and UPS Installation in Ambulance Corporation Dubai.**

Project execution with **Government of Dubai.**

**Scope of work:** UPS installation with batteries for main server and IT rooms, Public Address   
 system in whole building.

**Designation** : **Electrical Engineer**

**Description**  :

* Arrange and manage the required material; check all the specifications.
* Prepare material availability and costs.
* Prepare daily progress report.
* Configure and test the installations, systems and analyze data.
* Attending meeting and giving presentation to client.

1. **Building Management System at Kempinski Hotel Palm Jumeirah Dubai.**

Project execution with **Honeywell Dubai.**

**Scope of Work**: Contract for Building Management System

**Designation** : **BMS Engineer**

**Description** :

* Checks Building Management System using Honeywell Software that all equipment are working properly.
* Responsible for all maintenance works regarding Building Management system.
* Inspect faulty equipment and locate its location.
* Responsible for third party certificate after every three month.
* Supervise the site to repairing or replacing the desired equipment.

**PAKISTAN EXPERIENCE**

**From Nov 2012 to Feb 2015**

**Company : Oil & Gas Development Company (largest E & P Company)**

**Project**

1. **Commissioning of Gas field system**

Project execution with Government of Pakistan.

**Scope of work:** The commission of field instrumentations, control system, SADA/

Telemetry system at producing gas wells.

**Designation** : **Telemetry Engineer**

**Description** :

* Termination, power up, energizing the RTU/PLC and associated field instrumentations by using the DC Batteries/Solar system at 05 Nos. gas producing wellhead.
* Calibration, Loop testing, pre comm. and commissioning of field instrumentations, control system, RTU system at 05 Nos. gas producing wellhead.
* The configuration and comm. of CAC BAKER old RTU model 6500 by using MMI CONFIG software at all 05 Nos. Wells.
* Configuration and comm. of NPORT 5110 device used to convert the serial comport of RTU to Ethernet port.
* Configuration and comm. of point to point Ethernet radios for TX/RX real time gas data across the remote wells and central control room.
* Configuration and comm. of point to point Ethernet radios for TX/RX real time gas data across BAHU and Nandpur gas fields.
* Development, configuration and comm. of HMI System at CCR by using the INTOUCH 7.1 WONDERWARE SOFTWARE.
* All important well heads gas parameters like well head and flow line pressure, differential pressure, temperature, level of water and total volume of gas of individual wells is monitoring/displaying in CCR.

**PERSONAL**

**Date of Birth** 05 December, 1990

**Nationality** Pakistani

**Marital Status** Single

**SKILLS**

* Excellent problem solving skills that help detect and analyze a problem and find solution.
* Capability of handling responsibilities as individual or part of team.
* Well versed in use of computer, M.S. Words, M.S. Excel, M.S. Office**,** and Internet Applications.
* Well versed in use of electrical software like proteus, Matlab, Auto Cad and C++.

**REFRENCE**

Available on request.