

## Engr. Muhammad Ali RAZA

QA/QC Electrical Engineer – Execution, Ops and Maint – FIDIC Contracts Management - Planning

Email: [alirazaee1@gmail.com](mailto:alirazaee1@gmail.com), [www.linkedin.com/in/alirazaee1/](http://www.linkedin.com/in/alirazaee1/)

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### CURRICULUM VITAE

Name of Present Firm : **Ezdihar Al-Gharraf Co (EGC) – Basrah Iraq (Oil and Gas Projects)**

**Experience** : **7+ Years**

Nationality : Pakistan

Date of Birth : August 16, 1996

Marital Status : Married

Position in Firm : **Project Engineer – Electrical (QA/QC)**

Specilization in Firm : **Electrical Power Engineering, Operations, Maintenance Quality Assurance and Quality Control**

**Other Expertise** : **FIDIC Contracts Management & Project Planning**

PEC Registration Number : **ELECT/70075**

Affiliation with Professional Institutions : Registered with **Pakistan Engineering Council (PEC)**



Executive Member (Former Campus President) of the **Society of Innovative Electrical Professionals (SIEP).**

Executive Member of **Institute of Electrical and Electronics Engineers (IEEE)**, University Chapter

#### **Key Strength Areas:**

- A highly skilled and results-oriented Professional *QA/QC Electrical Engineer* Currently Serving ZKB, having **7+ years of experience** and extensive knowledge of Electrical construction activities, like Electrical System, Installation, Execution, Inspection, Testing & Commissioning Procedures, Quality Control Aspects, Maintenance of Electrical systems and equipment.
- As a QA/QC Electrical Engineer having extensive experience/knowledge in the preparation & reviewing of the Method Statements & establishing ITPs for each and every activity and implementing Inspection procedures (MIRs & WIRs), Project Specs, and Approved shop drawings.
- Having been a QA/QC Electrical Engineer possessing experience and core expertise in the preparation and submission of tender documents (BOQs, Enquiries, Quotations, Comparison Sheets, and Estimation), Preparation & Submission of the Material Approval Requests (MARs), Pre-qualification documents of the entities (Suppliers & Manufacturers), FAT reports for the Factory Acceptance Tests (FAT) procedures and Operation & Maintenance Manuals & Training Manual documents.

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### Education:

<u>Name of Institution</u>	<u>Year</u>	<u>Degree</u>	<u>Grade</u>
University of Engineering and Technology (UET), Taxila	2021 – 2023	M.S. in Engineering Management	B
University of Engineering and Technology (UET), Taxila	2013-2017	BE Electrical Engineering (Power)	A

### Professional Profile:

- Discuss potential projects and their parameters with clients, executives, relevant departments & developers.
- Planning out the project blueprints, including defining the Scope, allocating resources, setting deadlines, laying out communication strategies, and indicating testing, commissioning, and maintenance.
- Assembling and leading the project team.
- Participating in and supervising each stage of the project from procurement to Installation.
- Ensuring each project stays on schedule and adheres to the deadlines.
- Creating a project budget and ensuring the project adheres to the budget as closely as possible.
- Determining and overseeing consistent testing, evaluation, and troubleshooting of all products in all stages of completion.
- Tracking milestones, deliverables, and change requests.
- Delivering completed products to clients and performing regular checks on the products' performance.

### WORKING EXPERIENCE

#### 1. **Ezdihar Al-Gharraf Co. (EGC), Basrah, Iraq** (January 24 to Till Date)

Currently working as a **Project Engineer (Electrical)**. The job description & responsibilities are given below but are not limited to:

1. Project Name: Installation of flowlines for Oil Train 2 and OT-3  
Main Contractor: China Petroleum Engineering Corporation Co. (CPECC)  
Client: Petro China & Govt. of Iraq  
Consultant: Wood - 3<sup>rd</sup> Party
2. Project Name: 76KM Dry Gas Pipeline (DGP)  
Main Contractor: Progetti Eurpoa (PEG)  
Client: PETRONAS & Govt. of Iraq  
Consultant: Bureau Veritas (BV) - 3<sup>rd</sup> Party



### Responsibilities:

- Execution of Project Electrical Works including, Solar Power, Distribution Boards, LV & HV Cables, Instrumentation cables and Electrical Panels.
- Maintaining the Project execution pace, as per the approved schedule.

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- Taking care of the Electrical Safety Standards and Protocols.
- Performed QC Inspections, testing, and documentation; responsible for monitoring and maintaining the accuracy of project documentation regarding project specification and QA/QC procedures.
- Preparation & reviewing of Method Statements & establishing ITPs for every activity, and Inspection procedures as per project specifications, regulations and approved shop drawings
- Risk management analysis for the works under progress.

### 2. Zahir Khan & Brothers (ZKB) Pvt. Ltd.:

(February 22, January 24)

Worked as **Project Engineer for QA/QC** in ZKB. The project details are as under:

1. Project Name: Water Treatment Plant (WTP), Kohat and Abbottabad  
Project Cost: 10,000+ Million PKR  
Client: Govt. of KPK (TransKarachi)  
Consultant: MIN Consult SDN BHD & Creative Engineering Consultants  
Funded by: Asian Development Bank (ADB)
2. Project Name: Karachi Bus Rapid Transit (K-BRT) Redline.  
Project Cost: 13,795 Million PKR  
Client: Govt. of Sindh, Pakistan (TransKarachi)  
Consultant: MIN CONSULT – EA – CEC JOINT VENTURE  
Funded by: Asian Development Bank (ADB)



### Responsibilities:

- To perform Project Estimation such as Project Scope Estimation, project budget and cost estimation, human resource estimation and management, and time management for the execution of tasks.
- Preparation & reviewing of Method Statements & establishing ITPs for every activity, and implementing Inspection procedures as per project specifications, regulations and approved shop drawings
- Taking care of the Electrical Safety Standards and Protocols.
- Risk management analysis for the works under progress.
- Performed QC Inspections, testing, and documentation; responsible for monitoring and maintaining the accuracy of project documentation regarding project specification and QA/QC procedures.
- Coordinate with the site in charge and ensure that all activities were in accordance with the Scope of work and IFC drawings; review all quality log records and witness continuity and insulation resistance for power and control cables.

### 3. Ch. A. Latif & Sons (CALSONS) Pvt. Ltd.:

(July 2020 to January 2022)

Worked as a **QC Project Engineer (Electrical)** in Islamabad. The job description & responsibilities are given below but are not limited to: -

- Project Name: Multiple Projects, Highrise Apartments Building, Villas and Hotels  
Core Duty: Procurement, Supply, Installation, Testing and Commissioning of Electrical Works, Mechanical Works, Elevators and Escalators for Highrise Buildings.



### Responsibilities:

- Responsible for conducting daily inspections (Material and Work Inspections) based on engineering quality standards and as per project specifications, approved shop drawings & ITP procedures. In charge

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of overseeing all Electrical Works, Ensuring the MEP work carried out is as per approved shop drawings and within the time frame and progress of the approved construction program.

- Verifying the accuracy of shop drawings and their compliance to the specification, consultant design, and existing local authority standards and Ensuring the Installation, inspection, and testing of all Electricaequipment, fittings, and work implemented meets the specification and consultant requirements.
- Responsible for controlling all Non-Conformance Reports (NCRs) and Site Observation Reports (SORs) and preparing and submitting corrective & preventive proposals for the (NCRs) by coordinating with the construction team.
- Performed QC inspection documentation and was Responsible for monitoring and maintaining the accuracy of project documentation concerning project specification and QA/QC procedures.

#### 4. ANHUI – MAQBOOL JV (AMJV) Pvt. Ltd.:

(January 19 to July 20)

Served as a **QC Engineer** in ANHUI-MAQBOOL-JV, Peshawar, from the Main Contractors end to deliver 100+ Elevators and Escalators Units on 30 Metro Bus Stations and 3 Bus Depot Buildings. The job description & responsibilities are given below but are not limited to:

Project Name:	Peshawar Bus Rapid Transit (P-BRT).
Project Cost:	28,000+ Million PKR
Client:	Govt. of KPK, Pakistan (PDA)
Consultant:	Mott MacDonald Pakistan (MMP)
Funded By:	Asian Development Bank (ADB)



#### **Responsibilities:**

- Performed QC Inspections, testing, and documentation; responsible for monitoring and maintaining the accuracy of project documentation with regards to project specification and QA/QC procedures.
- Preparation & reviewing of Method Statements & establishing ITPs for every activity, and implementing Inspection procedures (MIRs & WIRs) as per project specifications, regulations and approved shop drawings.
- Monitored and inspected the installations of Conduits, Underground Cables laying, Cable Trays, Local Control Stations, lighting J.B.s, fixtures, and Distribution and Control Panels.
- Coordinate with the site in charge and ensure that all activities follow the Scope of work and IFC drawings. Directing or coordinating ensures compliance with specifications, codes, or customer requirements.
- Through inspection of the sub-contractor's work before handing it over to the Client.
- Estimation, Tendering, and Bidding for Gov. Semi Govt. and Private Projects for Civil and Electromechanical Works.
- Prepares project status reports by collecting, analyzing, and summarizing information and trends and recommending actions.

#### 4, M/s DEMS Pvt. Ltd.:

(October 2017 to December 18)

Served as **Site Engineer** in DEMS, Multan (Sole Distributor of BRAUN German Brand for Elevators and Escalators). The job description & responsibilities are given below but are not limited to:

- |                      |   |
|----------------------|---|
| <b>Project Name:</b> | <b>1.</b> Construction of Multan Garrison Library, Multan, - <b>Elevators</b>                           |
|                      | <b>2.</b> Extension of Combined Military Hospital (CMH), Multan – <b>Bed Elevator</b>                   |
|                      | <b>3.</b> Construction of Bahawalpur Medical and Dental College (BMDC) – <b>Bed Elevators</b>           |
|                      | <b>4.</b> Installation of Multiple Passenger Elevators at Highrise Residential and Commercial Buildings |

#### **Responsibilities:**



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- Ensure the site works are executed per the drawings, specifications, and Scope of work.
- Prepare daily site reports to ensure close monitoring of progress activities.
- Attend Progress review meetings with contractors and Consultants whenever required.
- To issue site notes and follow-up.
- Once installed, Elevator systems are tested to ensure all systems are stable and safe.
- Support the Senior Project Engineer and Project Engineer with all aspects of the project and technical coordination and management for the assigned project area.
- Respond to technical queries, supporting site team as required.

### **AWARDS AND ACHIEVEMENTS**

- **President** at “The Society of Innovative Electrical Professionals (SIEP)” for 2016-2017.
- Founded my Startup & E-Learning Platform for Pakistani students named '**Universal Testing Forum.**'
- Initiated UET Taxila's First "**Incubation Centre**" at the Electrical Engineering Department.
- Certified Microsoft Word Specialist 2023.
- Won First Prize For "Synergy (Innovative Idea to Solve Energy Crisis of Pakistan)" at PIEAS National Olympiad'15.
- Runner's up in "Plan-It (Innovative Business Idea)" At PIEAS National Olympiad'15.

### **COURSES**

The following Courses have been completed with their certifications: -

- a) Policy on Protection Against **Sexual Harassment** at Workplace, issued by **the** Higher Education Commission (HEC) of Pakistan.
- b) **Technical Writing** by Rhiphah International University.
- c) **Hardware Security** by Rhiphah International University.

### **COMPUTER'S PROFICIENCY**

Hand-on experience and command over the following computer software:

- a) M.S. Project by Microsoft
- b) AUTOCAD
- c) Primavera P6
- d) Microsoft Office Suite – (Word, Exel, PowerPoint)
- e) Adobe Illustrator and A.I. Video Making

### **LANGUAGE PROFICIENCY**

English : Excellent in reading, writing, and speaking.  
Arabic : Excellent in reading, writing, and speaking.  
Urdu : Excellent in reading, writing, and speaking.

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### Declaration

I, **Muhammad Ali Raza**, hereby declare that all the information contained in this resume is true and in accordance with facts or truths to my knowledge. I take full responsibility for the correctness of the said information.

*E. Raza*

Signature: \_\_\_\_\_