



## SADAM AHMED QURESHI

Electrical Engineer | Quantity Surveyor (MEP) | Estimation Specialist

📍 Pind Paracha, PO Hajj Complex (45230), Islamabad

📞 +92 330 5479179

✉ i@engrsadam.com | sadamhashmiqurashi@gmail.com

🌐 <https://www.linkedin.com/in/engrsadam/>

🌐 <https://engrsadam.com/>

**Date of Birth:** 02/02/1999 | **Nationality:** Pakistani

### PERSONAL STATEMENT

I am a dedicated Electrical Engineer with over four years of professional experience in MEP estimation, project cost analysis, and tender preparation. Skilled in preparing accurate project estimates and rate analyses for successful bids, I am seeking an opportunity in a leading construction firm to contribute technical expertise and precision in cost engineering.

### WORK EXPERIENCE

05/09/2025 – Present

#### Quantity Surveyor (MEP)

##### Astral Constructors (Pvt) Ltd

Astral Constructors (Pvt) Ltd is Pakistan's leading construction and engineering services company. My primary responsibilities include:

- Reviewing project specifications, drawings, and related documents to fully comprehend the scope of work and client requirements.
- Analyzing project needs and materials to accurately determine quantities, specifications, and associated costs.
- Obtaining competitive material rates from vendors and service rates from subcontractors.
- Developing comprehensive cost estimates and detailed rate analyses for each line item.
- Incorporating overheads, profit margins, and contingencies into the total cost calculations.
- Preparing Interim Payment Certificates (IPCs) for ongoing MEP works in projects and securing approvals from consultants and clients.

#### Key Activities:

- Project Review
- Cost Estimation
- Rate Analysis
- Procurement
- IPC

#### Projects:

- Marketing Warehouse of PakArab Fertilizers
- United States Education Foundation

16/12/2024 – 26/07/2025

#### Proposal Engineer (MEP)

##### IKAN Engineering Services

IKAN is world class Engineering, Manufacturing and Construction company operating nationally. Main responsibilities of the job were to:

- Review project specifications, drawings, and other relevant documents to understand of work and client requirements.
- Conduct Site visits and attend pre bid meetings, if necessary, to gather additional information and assess project conditions.
- Identify protentional risks, challenges, that may impact the estimation.
- Analyze project requirements and material to determine quantities, specifications, and costs.
- Prepare detailed cost estimates for Direct manpower and indirect manpower, material, equipment, subcontractor, site facilities, and other project expenses.
- Incorporate factors such as overheads, profit margins and contingency into the overall cost calculations.

#### Key Activities:

- Project Review
- Cost Estimation
- Rate Analysis
- Site Execution
- Quantity Takeoff

#### Projects:

- MEP Works of Hyundai Nishat Plant
- Electrical Works of HMC Office Building

01/09/2022 – 15/12/2024

## ● Estimation Engineer (MEP)

**China Gansu International Economic and Technical Cooperation Co. Ltd (CGICO), Pakistan**

CGICO is a multinational diversified company with the main business as International Project Contractor. Main responsibility of the job is to:

### Key Activities:

- Tender Searching
- Bid Preparation
- Cost Estimation
- Rate Analysis

### Projects:

- Infrastructure (\$51M) (C&W>PARIP, ADB)
- Treatment Plant (\$6M) (PICIIP, ADB)

- Proactively identify new business opportunities by conducting targeted searches for tenders (ITB, RFP).
- Preparing technical documents (Past Experience, Qualifications, Expertise) for Prequalification, Technical and Financial Bid as per tender requirement.
- Preparing Cost Estimates, Rate Analysis and Comparison Sheets for Financial part of Bid.
- Sourcing Quotations from subcontractors/suppliers.

03/11/2021 – 31/08/2022

## ● Site Engineer

**Astral Constructors (Pvt) Ltd**

Astral Constructors (Pvt) Ltd stands as Pakistan's foremost construction and engineering services firm. During my tenure my key responsibilities encompassed:

### Key Activities:

- Supervision
- Document Preparation
- Facilitating in Inspection
- Quantity Takeoff

### Project:

- Apartment Tower, Eighteen Islamabad

- Overseeing the installation of all power systems.
- Collaborating closely with consultants and various on-site departments.
- Managing the site labour force.
- Generating essential documents such as Inspection Requests (IRs), Material Inspection Requests (MIRs), Daily Reports, Method Statements, and Submittals (both material and document).
- Facilitating consultant to get approvals of IRs, MIRs, and Submittals.
- Quantity/Material take-off for procurement requests.

## ACADEMIC QUALIFICATION

09/2017 – 07/2021

## ● Bachelor of Science, Electrical Engineering

**Heavy Industry Taxila, Education City University**

PEC Reg No: ELECT/93288

08/2014 – 08/2017

## ● Diploma of Associate Engineering, Electrical Technology

**Punjab Board of Technical Education, Lahore**

## SOFTWARE PROFICIENCY

- **AutoCAD** – MEP drawing reading and annotation
- **PlanSwift** – Digital quantity takeoff and area measurement
- **Bluebeam Revu** – Markups, measurement, and PDF takeoff
- **MS Excel (Advanced)** – Cost sheets, formulas, pivot tables, and rate analysis templates
- **Cisco Packet Tracer** – Network layout simulations
- **Safety System Designer (BOSCH)** – Fire alarm and security layout estimation

## CERTIFICATES

- Cost Planning : End -to- End Strategies (IIQS)
- Applying VRF for a Complete Building Solution (TRANE)
- BMS Design and Estimation (Schneider)
- Fire-Lite Fundamentals (Honeywell)
- Safety Systems Designer (BOSCH)
- Procurement and Logistics Certificate (DisasterReady)
- Procurement & Contract Management (PEC)
- Basic First Aid Training (PRCS)
- Community Service Program (HITEC)

## Core Competencies

- MEP Estimation & Quantity Takeoff (Electrical, HVAC, Plumbing, Firefighting)
- Tendering, Bidding, and Cost Planning
- Rate Analysis (Material, Labor, Equipment, Overheads)
- Technical Proposal and BOQ Preparation
- Drawing Review & Scope Verification
- Vendor and Subcontractor Evaluation
- IPC (Interim Payment Certificate) Preparation and Verification
- Procurement Coordination and Material Sourcing

## Technical Knowledge

- Electrical Power & Lighting Systems
- LV / ELV System Design (CCTV, Access Control, Fire Alarm, Public Address, Data)
- VRF and HVAC Systems (Estimation & Application)
- Building Management System (BMS) Design Principles
- Plumbing and Drainage System

### Language

English  
Urdu  
Punjabi  
Pashto

### Proficiency

Competent (PTE 63)  
Native  
Native  
Advanced