

## ELECTRICAL ENGINEER (SEWA APPROVED)

### AWAIS BUTT

Experience: 5+ Years of UAE (Total 7+ Years)

Education: BSc. Electrical Engineering

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UAE Driving License

Visa status: Resident / Transferable



### CAREER SUMMARY:

Highly skilled and experienced Electrical Engineer having 7 Years of Experience in Design & Supervision. Familiar with SEWA, FEWA and DEWA Regulations. Having excellent knowledge in AutoCAD, Revit, MS Office to prepare Electrical Drawings for all types of projects i.e. villas, residential & commercials buildings, offices, mosque, sheds. Adept at quickly understanding a project's parameters and requirements. Aware of International design practices , standards such as IEC , BS , ANSI.

### AREAS OF DOMAIN EXPERTISE:

- Electrical system design and drawing.
- Electrical Site Supervision, Inspection of Electrical Installations, Material Inspection.
- Extensive and knowledgeable computer skills, AutoCAD, Revit, Plan Swift, MS office.
- ELV system Design (Fire Alarm, CCTV, Emergency System, ACS, SMATV SYSTEM).
- Project Planning using Primavera.
- Substation electrical installment and supervision.

### WORK EXPERIENCE:

#### ❖ June 2017 To Present

Company: Tamdeed Electrical And Sanitary Contracting L.L.C , Sharjah UAE.  
(Well known subsidiary company of Eamar Al Emarate Engineering Consultants)

#### ❖ Position Held: Electrical Engineer



### Job Responsibilities:

- Preparation of all electrical drawings, documentations and lists required for the project as per SEWA Electricity Wiring Regulations.
- Preparation bill of quantity, tenders, quotations & materials inquiries as per projects specification.
- Preparation / review of load schedule, spread sheets, schematics diagrams and single line diagram (SLD).
- Transformer sizing, Voltage drop calculations, Cable sizing, Switchgear sizing, MCC Panel sizing.
- Routing of cables on drawings and preparation for the routing of cable trays.
- Making submittals for drawings submission, inspections in SEWA.
- Installation of Cable Trays, Cable Ladders & Cable Trunking for all the Electrical services used in substations and buildings.
- Responsible for installations of MDBs, Capacitor banks, SMDBs & LV Panels.
- Co-ordinate with SEWA Authorities for Site inspection, Meter fixing, Energization etc.
- Ensuring that all engineering work is carried out in accordance with specifications, statutory requirements, laws, rules, regulations and other contractual requirements.
- Survey the site and manage the design and construction of electrical systems to comply with the necessary codes.

- Coordinate with administration to follow the required materials for the sites.
- Follow-up procedures of SEWA, Etisalat, Water, RTA, Drainage to obtain NOC.
- Preparing the weekly and monthly progress, dealing with consultant, reporting the project manager and to the project management team.
- Make sure that all the engineering deliverables are in compliance with the project and other relevant regulatory requirements and that it meets with the approved specifications and data.

### **Key Projects:**

- G+4P+12 Residential Building, Al Nahda- Sharjah
- B+G+1 School, Al Khan, Sharjah
- G+4 Building, Muwaileh, Sharjah
- G.F Office + Labour accommodation, Sajaa -Sharjah

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#### **❖ SHEIKH ZAYED HOUSING PROGRAMME: 110 VILLAS, AL-SEYOUH, SHARJAH (U.A.E)**

- Installation of electrical systems, switchgear, Internal and External cabling of the Villas.
- Preparing the Voltage drop calculations for the Power Cables.
- Design and layout of Electrical System.
- LV & HV cable termination.
- Supervision work at site and monitoring progress with subcontractor.
- Compute Cable, Wire & Breaker sizing for Distribution Boards.
- Review and evaluate the progress with MEP manager and Sub-Contractor.
- Tracking the daily, weekly and monthly progress at site.
- Preparing the quantity of materials required on site.

#### **❖ 33/11kV SUBSTATION, AL QULEYYA, SHARJAH (U.A.E)**

- Supervised the HV, MV and Low Voltages Substation, Power Transmission and Distribution network system which includes installation of Power and Distribution Transformers.
- Installation of Switchgears, Switchboards HV, MV & Low voltage Distribution Panels etc. in Sub-Station.
- Installation of Enclosures for Controls Systems, Enclosures for Instrument Equipment, Cable Tray System installation.

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#### **❖ December 2013 To December 2015**

Company: Neelum Jehlum Hydro Power Project, Pakistan

Position Held: Electrical Engineer

### **Job Responsibilities:**

- Installation of HV/LV Breakers, Switchgear, panels, Bus bar.
- Operation and Maintenance of LV switchgear i.e. ACB, MCCB, etc.
- Operation and Testing of Protection System (Relays) of transformer, line and all equipments related to substations i.e Distance relays, Over Current Relays, Differential Relays, over fluxing relays, Restricted earth fault relays. Over voltage and under voltage, working with Event recorder and Fault Recorder.
- Current transformers (CT), Potential transformer (PT), Understanding of control circuits, Switch Gear Protection.
- Transmission & Distributions System.
- Metering/ Measuring/ Protection instruments and equipment.
- Earthing/lightning protection systems.
- Reading and working on schematic controls drawings.

❖ **Attended 6 weeks training from Pakistan Water and Power Development Authority that includes:**

- Hydraulic turbines and generators, Power transformer and auto transformer.
- Governors and excitation system, 132/220 KV switchyard, 50/230 v dc batteries, Earthing.
- Auxiliary & emergency supply Operation and maintenance of hydal power plant.
- Protection relays and protection, Fire protection system, to review electrical drawings.
- Installation and Testing of Electrical Equipment's such as: Circuit breaker, Bus isolator/ Line isolator.

#### **TRAINING / WORKSHOPS**

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- ELECTRICAL (ELV) Design Course (Arabian InfoTech Bur Dubai)
- Grundfos Water Pump Theory and Selection.
- Earthing & lighting protection system-BS EN 62305.

#### **COMPUTER SKILLS AND CERTIFICATES**

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- AutoCAD
- Revit MEP
- Primavera P6
- PlanSwift
- MS Office

#### **SOFT SKILLS**

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- Team Work
- Communication Skills
- Time Management
- Creativity
- Critical Thinking
- Adaptability

#### **LANGUAGES**

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- English
- Arabic (Reading, Writing)
- Urdu

#### **PROFESSIONAL QUALIFICATION**

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**BSc. Electrical Engineering (2009-2013) - Mirpur University of Science & Technology (MUST) AJK, Pakistan**  
**CGPA: 3.42/4.00**

#### **PERSONAL INFORMATION**

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- Nationality      Pakistani
- Date of Birth    16/01/1991

📄 I would appreciate the opportunity to meet with you to discuss my position. Thank you for your time and consideration.