

Arslan Tariq

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Contact: 050-6641574

Transferable Iqama: Project Engineer

Career Objective:

A challenging and performance-oriented position in Project Management / Site Administration / Contracts Management with a growth oriented and reputed organization.

Professional Profile

- A qualified Electrical Engineer with 8 years of experience in Projects Engineering and Management in multiple facilities of substations, overhead & underground transmission lines with Saudi Electricity Company (SEC).
- Expertise in the various concepts of project development cycle as per SEC's Transmission & Distribution standards. (TMSS, TES, SDMS, TCS, SEEDS)
- Excellent understanding of various phases of EPC/EPCM (Engineering, Procurement, Construction/Construction Management) contracts.
- Proactive approach, excellent communication and interpersonal skills in both Arabic & English language with SEC engineers and managers.

Organizational Experience:



Electrical Project Engineer

Zamil Group Holding, Saudi Arabia (Feb 2016- March 2020)

Job Responsibilities:

- Understanding the Tender/Contracts & Project Technical Specifications (PTS) and consider deviation.
- Define and organize all the activities related to the job's development and construction.
- Prepare and arrange design calculations, design drawings and material requisitions for Base Design submittals.
- Coordinate with vendors, design team and consultants for Details Design Submittals.
- Periodical preparation, submission & follow-up of invoices as per SEC approved protocols at different stages of project.
- Responsible to take approvals for base design, details design and get Issued for Construction (IFC) drawings for Vendors.
- Assist and assure procurement team before issuance of Purchase Orders (P.O) that all major equipment is being procured from SEC approved vendors.
- Assure that vendor's response to Data Sheets for all major equipment complies with SEC standards & give manufacturing clearance.
- Shop inspections during Factory Acceptance Tests (FAT) for major site equipment.
- Arrange Release of Shipment Certificate after getting FAT approval from SEC.
- Prepare Inspection Test Plans (ITP) for major equipment under the SOW.

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- Documenting Receipt Inspection (RI) of materials and services, matching them with PO, submitting RIs to SEC, generating variance reports, documentation of deficits or damage, and maintaining accurate and up-to-date.
- Ensuring that Site is being setup as per SEC standards.
- Ensuring that the operational plans are prepared, verifying that objectives are achieved & fulfilling the requirements imposed by the contractual conditions and the technical specifications.
- Ensuring full coordination between QA/QC, Safety, Erection, T&C teams for smooth flow of work at Site.
- Ensure smooth project flow by preparing timely work schedules, shutdown schedules, work permits, testing & commissioning schedules, LOAs, STWs, PTWs & all other safety related documentation.
- Arrange installation supervisors from Vendors prior to site installations.
- Prepare Non-Conformance Report (NCR) in case of malfunctioning of any item procured and report to SEC & vendor and arrange replacement.
- Responsible to take approvals from all government & private institutions prior to site execution of Underground/Overhead works.
- Ensure a documented control program for review, approval, revision & further distribution of documents
- Providing all supports for site team in terms of drawings, material, and short supply if any, directing subcontractors to solve problems and overcome obstacles.
- Making sure that the Quality Control Plans, the Environmental Protection Plans and the Operational Safety plans are prepared, where required.
- Get final approval on As Built Drawings from SEC upon completion of site works prior to energizing the substation.
- Ensuring that all plant tags installed and snags are cleared to close the project.
- Responsible to take Technical Completion Certificate (TCC), Preliminary Acceptance Certificate (PAC) & Final Acceptance Certificate (FAC)
- Ensure that Spare Parts have been approved, added into the SEC system and sent to the appropriate SEC warehouse.

Projects:

RF4400010156 SEC-COA

Replacement of two existing 33KV OHL circuits with two U/G circuits and addition of 33/13.8KV, 20MVA transformers along with Protection Panels. Installation of 33KV ZS3.2 type & 13.8KV ZS1 type ABB Switchgears. Installation of SCADA FMK, SMK, IR & RTU Panels. Installation of Fire Alarm Control System & HVAC Control Panels.

RF4400006725 SEC-COA

Replacement of existing 33KV Air insulated (Mitsubishi & Merlin Gerin) Switchgears with 33KV Gas Insulated (Type: 8DA10) Siemens Switchgears in Substations 7810 & 7813.

RF4400004003 SEC-COA

Replacement of two existing 33/13.8KV, 16MVA Transformers with new 20MVA transformers & Installation of one additional 33/13.8KV, 20MVA Transformer along with Protection Panels.

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Installation of 33KV & 13.8KV ZS3 type ABB Switchgears. Installation of SCADA FMK, SMK, IR & RTU Panels. Installation of Fire Alarm Control System & HVAC Control Panels.



Electrical Engineer

Rak Arabia Company, Rahima, Saudi Arabia (Feb 2013-Dec 2015)

Job Responsibilities:

- Site Engineer for HV substations, MV Substations, MV Lines Installations & Construction activities.
 - Site Engineer for Anode bed installation for Cathodic Protection Project with Aramco.
 - Responsible for Installation of Transformers, Protection Panels, CTs, VTs, Breakers (SF6, OCBs), AC & DC Panels, Surge Arresters, S/S Grounding, RMUs, Communication Panels & all other equipment related to Sub Stations.
 - Responsible for insulation resistance testing, Megger testing, Secondary and Primary injection for CTs and VTs, Contact Resistance Testing, Pre-commissioning of SCADA, SOE and Annunciation Panels.
 - Responsible for supervision of different teams with assigned works like Pole Framing & Erection, Line Stinging, Line Joints & Optical fiber ground wire (OPGW) installations with accessories.
 - Responsible for collecting concrete samples and submission to SEC approved laboratory and take reports.
 - Responsible to install barricades with poles near to road crossings, intersections and buildings.
 - Responsible for installations of anode beds, rectifiers, and pits preparations.
 - Responsible for Work Permit Activities with Saudi Electricity Company (SEC).
 - Familiar with SEC Engineering, Material and Construction Standards.
 - Study of specifications, tender drawings, bill of quantity for electrical distribution systems.
 - Coordination with Client, Consultant & Subcontractors.
 - Prepare monthly, weekly and daily reports for submission to client and Planning Department.
 - SEC Approved **Safety Engineer** at 33KV Double Circuit Overhead Line Installation Project in Al-Jouf, KSA
- RELATED SAFETY EXPERTISE:**
- Prepare company's Loss Prevention Program and get approval from SEC.
 - Maintain all safety related documents such as weekly / monthly / quarterly inspection reports, fire extinguisher reports, investigation reports, accident and injuries reports.
 - Taking the disciplinary action against employees for carelessness.
 - Arrange and monitor training programs to employees on company's Health Safety and Environment (HSE) program.
 - Strictly implemented and ensure the compliance of the company's safety system to the project.

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- Conduct site inductions for newly arriving personnel.
- Daily safety inspection of the work area.
- Maintain emergency response procedure and ensure they are updated as required.

Projects:

Cathodic Protection Renewal (SAUDI ARAMCO, Al Hassa)

Renewal of old cathodic protection systems of sea water injection pumps for corrosion protection at Saudi Aramco facilities Uddhayliyah, Al Hassa.

RF 31133045/00 SEC-EOA

Replacement of Old Protection of 230KV line between South Hofuf and Rawadah Sub Stations with new one with ABB as a sub-contractor.

RF 31133033/00 SEC-EOA

Replacement of Old Protection of 230KV line between Berri and Khurasaniyah Sub Stations with new one with ABB as a sub-contractor & replacement of Current transformers (Free standing & Ring type) of 230KV OCBs and SF6 Breakers.

RF 4400002784 SEC-EOA

Two double circuit 33KV lines installation of 47Km length between Mequa and Abu -Ajram in North Operating Area of SEC. The Project also Includes installation of 2 Optical fiber ground wire (OPGW) for each line.



Trainee Engineer

DESCON Engineering Pvt. Ltd. (September 2012 – January 2013)

Job Responsibilities:

- Installation of Power transformers, Steam Turbine, Switchgears, LV and MV panels, Battery banks, Rectifiers, AC & DC auxiliary Panels;
- Installation of Grounding system of plant;
- Installations of cable trays, laying of power cables, control cables & communication cables. Megger testing of all types;
- Installation of AC & DC motors and generators, including control panels;
- Indoor ac/dc lighting, Outdoor yard lighting, security fence lighting, lighting pole mounting, concealed and exposed wirings;
- Follow the diagrams and layouts for all installations;
- Prepare Time Sheets, Daily Manpower list, weekly work schedules etc.;
- Interaction of Clients and Contractors with agreed principles;

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Projects:

Erection of Waste Heat Recovery (WHR) Plant 8.6MW at DG Cement Company, Pakistan

Certifications and trainings:

- **Registered Engineer** with **Saudi Council of Engineers (SCE)** and **Pakistan Engineering Council (PEC)**
- Approved **Safety Engineer** by Saudi Electricity Company (SEC)
- Authorized **Permit Receiver - C2/380KV – C5/33KV** by Saudi Electricity Company (SEC)
- Approved **First Aider** by Saudi Red Crescent Authority (SRCA)
- Valid Saudi **Driving License** Holder
- Advance Relay Testing Training by **Megger**
- Operation & Maintenance of GIS 33KV by **Siemens**
- **Overall, 8 bands in IELTS Academic with no band less than 7**

Academic Qualification:

BS in Electronics Engineering 2012 International Islamic University, Islamabad, Pakistan.
PGD in Computer Science 2020 Virtual University of Pakistan, Lahore, Pakistan

Personal Information:

Date of Birth: 31-07-1991
Marital Status: Married
Nationality: Pakistani
Passport: CL7961642 valid till 2027
Iqama: Transferable - valid for one full year
Communication Skills: English, Arabic & Urdu

Reference: Available on request