**SHAMS**

*B.Sc. Electrical Engineer*

Emai: shams.370093@2freemail.com

**EXECUTIVE SUMMARY**



**Electrical Engineer** with **6+ years’** experience in HV/EHV Transmission Lines, Sub-Stations and UG Cables with key roles inproject scope execution, resources and manpower management, QA/QC and on-off site inspections, and coordination with the client and consultant. I have work experience in Pakistan, Afghanistan, Tajikistan and Saudi Arabia and completed large scale projects from initiation, survey, design, installation, inspections, testing & commissioning to handing over.

**Apr 2014 – Present**

***Organization***

**Projects**

**Main Responsibilities**

**WORK EXPERIENCE**



**Electrical Engineer**

**S*audi Services for Electro Mechanical Works Company (SSEM)*** ***(Saudi Arabia)***

Successfully completed Design, Installation, Testing & Commissioning of:

1) 380kV D/C UG Cables between Dhahran South BSP and Transition Yard, Damam (4.7km)

1. 132kV D/C OHL (11km) and associated UG Cable (5km) from Mahdiya 8244 S/S to Iqrah BSP S/S 9034, Riyadh (11km).
2. 380kV Quad Bundle D/C OHTL from Yanbu-1 to Yanbu North S/S. (62km)
3. 110kV Twin Bundle D/C OHL from Umluj BSP to 110/13.8kv Umluj S/S 110kV, (11km).
4. 110kV Twin Bundle D/C OHTL from Umluj BSP to AL-Ais Looping Point 110kV, (11km).
5. 380kV Quad Bundle D/C OHTL from Yanbu-3 S/S to Umluj North BSP S/S, (215km).
* Planned, Scheduled, Executed, Monitored and Closed all the project activities and reported daily, monthly, quarterly and yearly progress reports to higher management.
* Provided full support to project team and sub-contractors throughout the project lifecycle in line with the project's master plan to ensure successful completion of the assigned projects.
* Followed up QA/QC documents of the entire project including certificates, calibrations, test results, inspection requests, non-compliance reports and site instruction/observations, permanent materials delivery and other QA/QC documents.
* Implemented OHS management system with ability to develop quality work procedures.
* Liaised with the client and consultant regarding site activities and work progress.
* Reviewed all the technical specifications, drawings, and coordinated with Design Engineers and Site Engineers for implementing up-to-date and approved drawings and charts.
* Planned, scheduled and coordinated with the government utilities (communications, power, traffic) work for all outage related works at site.
* Administrated tasks such as review and verification of project Invoices & submittals, project reconciliation and preparation of variation/job orders in line with provisions of contract.
* Supervised assembly & erection of 110/132/220/380 kV transmission line towers and stringing of conductors and optical fiber ground wire.
* Supervised installation of 380/132KV cables and monitored cable jointing, termination cable sealing ends and OHL down lead to sealing end inter connection.

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Ensured acceptable site safety standards are maintained.

* Supervised OPGW splicing & tests (end-end OTDR, CD & PMD and Power Meter tests).
* Liaised with the client and consultant regarding site Inspections & tests and meeting about quality problems including the closure of Non-Compliance Report.
* Generated and closed Request for Inspections (RFI’s) and conducting inspections for the client and consultant; including material inspection and site inspection.
* Finalized ‘Marked Up’ and ‘As Built’ drawings of the installation works and compliance with the requirements of the Client’s turnkey project drawing procedure.
* Supervised Line Testing (Impedance testing, insulation testing, conductivity testing, phase sequence testing, phase rotation testing) and Commissioning.

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| **Mar 2012 – Mar 2014Electrical Site Engineer** |  |  |
| ***Organization*** | ***Netracon Technologies*** | ***(Pakistan, Afghanistan, Tajikistan)*** |  |
|  | Successfully completed Installation, Testing & Commissioning of: |  |
| **Projects** | 1) | 220kV Substation Taloqan, Afghanistan. |  |  |
|  |  |  |
|  | 2) | 110kV Substation Sar-e-Pul, Afghanistan. |  |  |
|  | 3) | 110kV Switching Substation Sher Khan Bandar, Afghanistan. |  |
|  | 4) | Optic-fiber Ground Wire (OPGW) along the 220 kV OHTL from Nurek HPP to Dushanbe S/S, |  |
|  |  | Tajikistan (Line Length 63km). |  |  |
|  | 5) | 220kV OHTL from Kunduz S/S to Taloqan S/S, Afghanistan (Line Length 74km). |  |
|  | 6) | 110kV OHTL from Naghlu to Jalalabad, Afghanistan (Line Length 54km) |  |

**Main Responsibilities** Planned and executed different sites activities and managed resources and manpower whilekeeping the pace of work progress.

* Supervised assembly & erection of 110/220 kV transmission line towers and stringing of conductors and optical fiber ground wire.
* Supervised installation of 220/11kv & 110kv/11kv transformers, control room panels, switchyard structures and equipment.
* Inspected all materials for compliance to submittals and drawings.
* Arranged site inspections and site tests for client and consultant.
* Monitored all quality related activities of the project and implemented the EHS at site.

**Aug 2011 – Feb 2012**

***Organization***

**Main Responsibilities**

**Trainee Engineer**

***Potential Engineers (Pvt) Ltd.*** ***(Pakistan)***

* Analyzed and reviewing test reports and Electrical design drawings.
* Scheduled projects in MS project and Primavera
* Prepared tender documents and assisted Project Manager in preparing BOQs.

**EDUCATION**



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| Aug 2007- July 2011 | **BSc. Electrical Engineering** | 3.029 (CGPA) |
|  | *University of Engineering & Technology, Lahore* |  |
| June 2005- May 2007 | **FSc Pre-Engineering** | 79% |
|  | *Islamia College, Peshawar* |  |
| March 2003- Apr 2005 | **Matriculation** | 86% |
|  | *Frontier Corps Public School, Drosh, Chitral.* |  |

**PROFESSIONAL SKILLS**



* Project Management, Construction Management, Planning & Scheduling, Execution, Monitoring & Controlling and Closing of project activities.
* Experience in developing, managing, and adhering to technical expectations.
* Ensuring Quality and EHS standards to carry out project activities.
* Communication and co-ordination with consultant, client and all other stakeholders of the project.
* Sufficient knowledge of SEC, IEC and other international standards along with local regulations
* Good business process analysis and improvement capabilities.
* Strong knowledge and understanding of GCC Power and Energy regulations.
* Planning, scheduling and supervising all the tests and inspections at site.
* Facilitating, transferring and sharing knowledge with colleagues and subordinates.
* International exposure and experience
* Having valid KSA driving license.

**PERSONAL SKILLS**



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| --- | --- | --- | --- | --- | --- |
|  | Communication |  | Leadership |  | Problem Solving |
|  | Presentation |  | Self-Confidence |  | Adaptability |
|  | Collaboration |  | Pressure Handling |  | Work Ethic |

**COMPUTER SKILLS**



MS Project Primavera-P6MS Excel, Word

**PROFESSINAL TRAINING**

* Project Management Professional (PMP) training/course from Knowledge Square®, PMI GCC.

**PROFESSIONAL AFFILIATIONS**

* Pakistan Engineering Council (Registration No. ELECT/32948)
* Saudi Council of Engineers (Membership No. 190141)