MUHAMMAD SALAHUDDIN KHAN

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***Middle management level professional with Electrical engineering background and with specialty in construction of power projects (T&D), in a career spanning over 15 years across Pakistan and KSA, seeking assignment as…***

PROJECT MANAGER / SR. PROJECT MANAGER

**Profile Snapshots**

* Working experience with project owners (Utility Co.) engineering companies, and broad based experience in post-contract EPCC project management mainly encompassing EHV/HV/MV substations & associated protection & control systems, andTransmission lines / Feeder lines
* Leadership experience in managing & controlling design & construction programs, initiating construction engineering & execution phase, expediting authority approvals & permits, administering budgets, and ensuring smooth close out and handover
* Expertise in technical management of design, design reviews, submissions & approvals, construction, testing and commissioning
* Excellent planning, organization & construction management skills, set out programs, establish resources & logistics, schedule activities, and manage transition of projects strictly adhering to cost, quality and timeline parameters, while ensuring client satisfaction and projects productivity
* Ability to closely work with multiple stakeholders and internal project management team, while at the same time managing project interfaces and dependencies to bring out project deliverables as per plan
* Well versed with all aspects of design, international codes and standards, construction methodologies, applicable regulations
* Efficient in administering all contracts (design/consultancy/supply/construction), holistically managing contractual obligations and entitlements, resolving contractual disputes, and implementing controls on changes
* Focused and result-oriented leader & performance-driven team player with strong analytical, presentation, communication, interpersonal and problem solving skills; and ability to meet client expectations and stakeholders’ interests

**Areas of Expertise**

* Project Life Cycle Planning
* Design & Engg, Coordination
* Resources & Logistics Mgmt
* Budgets & Contracts Admin
* Site/Construction Management
* Tech Submittals Management
* Risk & Conflicts Management
* Project Coordination & Control
* Safety & Quality Management
* Schedule Monitoring & Control
* Operations Management
* Performance Management
* Stakeholders’ Coordination
* Relationships Management
* Team Mgmt and Leadership

Key Functional Skills

* Evaluate and review contractors and vendors’ technical submittals and facilitate approvals before commencement of works
* Review submittals in terms of layout design, materials, drawings, method statements, Inspection & Test Plans (ITPs), as-built drawings, as well as technical and progress documents
* Ensure adherence to client project standards by the EPC Contractors, in the execution of the projects
* Attend technical and progress meetings with the consultant, contractor, and suppliers
* Verify conformity of equipment provided by the EPC Contractors with approved specifications stipulated Contract Document
* Implement project execution as per program, and monitor day to day works to ensure adherence to schedule
* Resolve all technical issues towards timely execution of project, in coordination with client and contractor
* Coordinate, supervise & witness Routine tests, FAT/SA, pre-commissioning and commissioning activities of electrical installations
* Coordinate with Engineering Consultants, Contractors & Vendors, and monitor project progress at all stages of the projects
* Participate in planning & scheduling of the project, organize Engineering Support for Procurement, Construction, Commissioning, and Network switching operations
* Track & monitor projects progress with respect to budgeted cost & schedule to prevent time & cost overruns
* Implement QA / QC procedures as per specified norms and standards, work systems and document controls
* Direct & control on-site construction activities of projects in adherence with schedule and contract specifications
* Resolve all disputes, conflicts, techno-commercial issues working with internal team, contractor & vendors
* Manage takeover process and documentation as per protocol, and successful close out of projects

Experience Summary

**Project Manager | National Contracting Company - Dubai, UAE April 2018 onwards**

Projects: **132/11kV GIS Substation – Dubai**

**Project Manager | Saudi Electricity Company (SEC) – Riyadh, KSA Feb 2013 – Feb 2018**

Projects: **380/132/33/13.8kV GIS Substation 9053, 9054, 9028 & 9038 - Riyadh**

*Key Deliverables*

* Review of layout and section design of GIS & control building, tunnels & transformer area and Installation of Equipment including:
* 380kV GIS – 3150A continuous, 63KA SC,11/2 breaker Configuration, Single Phase Enclosure type.
* 380kV Outdoor Equipments , Gantries
* Modifications / interface with existing network
* Modification at existing Substations 9001, 9012, 9024, 9003, Faras & Shedgum
* 132kv GIS, 3150A Continuous , 40kASC , Double Bus Single breaker configuration, 3 Phase Enclosure type
* Coordination with High Commission Riyadh Development to connect the Riyadh Metro with the 380/33kV SS # 9053 & 9054

**Project Engineer | National Contracting Company (NCC) – Riyadh, KSA Jan 2009 – Nov 2012**

Projects Handled: **380/132kV GIS Substation 9017 & 9027 - Riyadh**

*Key Deliverables*

* Overall responsibility for the profit and loss of the project.
* Coordination, correspondence and progress reporting with the client.
* Segregating the project technical scope into different work packages to be executed internally as well as off loaded to different vendors, managing scope of works in different work packages so it is optimum technically as well as effective in financial terms, establishing budget for all work packages.
* Developing overall plan and schedule of execution of the works.
* Tendering work packages to get offers from subcontractors, analyzing their technical competence and compliance client requirement, finalization of their contracts by ensuring that technical details of all works including their interfaces is detailed in contracts.
* Preparation and monitoring of the base design &amp; detailed design of the electrical portions of the project and interfacing with client for their approvals.
* Identification, monitoring &amp; responding to technical as well as financial risks related to the project.
* Developing teams to conduct execution of Electrical installation, testing and commissioning, allocation of resources related to the project.

1. Monitoring and controlling resources in-order to complete all works related to the project within time and budget.
2. Contract management, design and interface clarification, purchasing and procurement of all materials till delivery to site.
3. Reporting weekly and monthly progress to the client and addressing their concerns in-order to keep trust of the client and proceed for execution with full support of the client.
4. Ensuring that the gross profit target of the project is achieved along with customer satisfaction.
5. Resolving any technical issues related to interfacing, design, electrical schemes, commissioning and any potential problems faced during engineering, procurement and execution of the project.

**Engineer/Sr. Engineer | National Engineering Services Pakistan (Pvt.) Ltd –,Lahore Pak Mar 2004 – Dec 2008**

Projects Handled: **500/220/132kV Substation, Rewat, Lahore and Ghakkar500kV Substation Extension for NTDC Network**

*Key Deliverables*

* Erection & Tightening Inspection of Gantries & Equipment Structure and Installation of Equipment including:
* 500kVAIS–3150A continuous, 63kA SC, Double Bus1½ Breaker Configuration, Double Peculiar Enclosure type
* 220kVAIS – 3150A continuous, 63kA SC, Double Bus1½ Breaker Configuration, Double Peculiar Enclosure type
* 132kVAIS – 2000A continuous, 40kA SC, Double Bus
* Interface with 380kV Rewat, Lahore Substation
* Testing of MV, LV & Protection Panel (including Bus Bar , Synchronizing , Distance Set I & II, Over & Under Voltage Panels)
* FAT witnessin Siemens Factory, Karachi, Pakistan
* Supervising Interfacing of New Substation with Existing Substation
* Continuity & Insulation Test and Termination of Control Cables in Panels as per drawings; Testing of Relays, Fields Equipment including Circuit Breaker(Contact Resistance, Open & Close Time), Disconnector Switches(Contact Resistance), Current Transformers (Winding Resistance, Ratio Testing, Knee Point & Polarity Test), Voltage Transformer(Winding Resistance, Ratio Testing); Synchronization Scheme, Inter Locking & Annunciation verification.
* Electrification work for the Lahore – Khanawal and Lahore – Pindi Railway Line

Early Career Experience

**Design Engineer | S. Mehboob & Company – Karachi, Pakistan Dec 2002 – Mar 2004**

* Participated in designing of the following…
* 2x132kV Substation at Jumeirah Beach for four OHL feeders and two Power transformers.
* Station Service Transformer, Lighting, Power, Music, Access Control, Fire Protection and Earthing System of multi-story like Al-Murooj Complex and Marina Crown-Dubai & Bahrai Complex III and Atrium Mall – Karachi

Credentials

**Education**

* **MBA –** Northampton University (UK), 2015
* **BE (Electrical) –** NED University of Engineering & Technology, Karachi, Pakistan – 2002

**Professional Development**

* 5 Start Management System in KSA year 2016
* Pusuing PMP courses, to be achieved by 2018
* Seminar - Harnessing Solar Energy - Current Perspective
* Seminar – Energy Security Intterests

**Professional Affiliation**

* Member of Pakistan Engineering Council

Personal Particulars

* **Date of Birth:** June 13, 1981
* **Languages Known:** English, Urdu
* **Nationality:** Pakistani
* **Passport Status:** No. TX410713, valid till 27/04/2027
* **Location Preference:** UAE, Bahrain, Canada