
Project Engineer / Project Coordinator / Project Planning & Cost Control Specialist / Scheduling Engineer / QA QC Engineer / Sr. Electrical Engineer

Highly effective, technical and practical project management skills and the ability to deliver difficult projects on schedule within budget and harsh environment to the organization and its customers. An ability to work in upstream locations with limited communications and scant logistical support with minimal supervision where self-reliance and lateral thinking are required. **I have 7 years of working experience in multi-disciplinary projects and teams.** Professional Electrical Engineer, a recognized and relevant bachelor of technology degree (B.Tech in Electrical & Electronics Engineering). Proven technical, interpersonal communications and training skills.

I have worked with multi-disciplinary companies having experience in power industries especially in UHV / EHV power grid division / SBU delivering solutions over power value chain, which includes system solution for power generation, transmission technologies, substations and distribution technologies for grid network management.

Some of the turnkey EPC projects on which I have worked were 380/132/33/13.8kV, 132/13.8kV substation projects, 380kV and 132kV transmission line projects, 400kV bay extension projects and 66kV/33kV/11kV HV distribution line projects etc. The experience also includes in steel structures Gentries, Towers & Steel Support Structures for CT, VT, CVT, PI, SA and their foundations.

Command on latest project management software's Primavera P6 R17.7, Ms. Projects 2016, ERP-BAAAN and SAP. Advanced level expertise in Ms. Office tools such as excel, word and power point etc. Intermediate level expertise in computer languages such as Python, GoLang, Rust and JScript's etc. Also well versed with latest codes of practices followed in India and KSA such as SEC-TES, TCS, TMSS etc., Aramco Standards, IEEE Standards, IEC Standards and IS Indian Standards.

Core Competencies and Professional Strengths Include:

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|--|---|---|
| • Estimation & Tendering of EPC Power Projects | • Planning, scheduling and cost control efforts for all project phases | • Change / Scope Management |
| • Projects & Team Management | • Maintaining and analyzing actual and forecasted schedules, cost and risks | • Design Management & Construction Coordination |
| • Operation & Risk Management | • Resource Planning & Cost Controls | • Project Quality Management via QMS & CAPA Implementations |
| • Procurement Management | • Monitoring Reports and Managing Deviations | • Stakeholder Relationship Management |
| • Resource & Logistics Management | • Cost, Revenue & Cash-Flow Management | • Negotiation skills as per BATNA System |
| • Coordination with Vendors and Suppliers | | |

KEY QUALIFICATION:

- ✓ Bachelor of Technology (B.Tech in Electrical & Electronics Engineering) – 2011 – Uttarakhand Technical University, Dehradun, Uttarakhand India.

CLIENTS APPROVAL & PROFESSIONAL TRAININGS:

- ✓ Approved as Project Engineer from Saudi Electricity Company- WOA & SOA, KSA
- ✓ Approved as Planning & Scheduling Engineer from Saudi Electricity Company- WOA & SOA, KSA
- ✓ Approved as Planning & Scheduling Engineer from National Grid, SEC - EOA, KSA
- ✓ Approved as Electrical QA QC Engineer from National Grid, Saudi Electricity Company-EOA, KSA
- ✓ Attended 3 days' workshop on "Corporate Excellence" by ASKEC, Jeddah, K.S.A.
- ✓ Attended 15 days' workshop on "Project Management Professional (PMBOK Based)" from Approved consultant of Project Management Institute (PMI), Hyderabad.
- ✓ Attended 5 days training on "Seven QC Tools & Cost of Quality" and 15 days' workshop on "Construction Practice of Sub Stations & Transmission Lines" by Power Grid Corporation of India Ltd and AP Transco.
- ✓ Attended 15 days' workshop for the International Register of Certificated Auditors (IRCA) "QMS Lead Auditor (ISO 9001)" program.

MEMBERSHIP OF PROFESSIONAL SOCIETIES:

- ✓ **Electrical Engineer** - Saudi Council of Engineers (Registration # 291744)

PROFESSIONAL WORK EXPERIENCE:

- ✓ The professional work experiences that I have gained over the last 7 years period enlightened below, in reverse chronological order enlisting - key skills, technical and management experiences relevant to those particular projects.

Present Employer: M/s Sojitz Corporation, (Former Nichimen Corps.)**Feb/2016 - Present**

Role: Project Engineer (Electrical)
Designation: Planning & Scheduling Engineer
Job Location: C.O. Jeddah, KSA.
Project Award: 27 December, 2015
Project Value: 415 Million S.A.R.

Project: New Al Wajh 380/132/33/13.8kV BSP Substation
Client: Saudi Electricity Company (SEC), WOA, Jeddah, KSA
Project T.C.C.: 27 December, 2017 (Technical Completion – 24 Mo's.)
Project P.A.C.: 27 February, 2018 (Preliminary Acceptance – 26 M's.)
Project F.A.C.: 27 May, 2018 (Final Acceptance – 29 Month's.)

Main Responsibilities (Project Management):

- ✓ Ensuring that the projects follow sound methodology and execution practices in accordance with internal standard procedures. Ensuring that an integrated schedule and cost control performance measurement process for the project's entire scope of work is provided.
- ✓ Analyzing project requirements with project team, checking that all essential work activities has been identified in sufficient detail to serve as a basis for developing realistic project schedules.
- ✓ Defining, jointly with the project team, project work and cost breakdown structure, developing and maintaining properly linked, required resource loaded/integrated, baseline and current schedules that provide time phased baseline, actual and forecast data for the project.
- ✓ Monitoring project progress and regularly analyzes project critical paths to ensure all critical path activities and project milestones are progressed to the plan, notifying Project Managers of any deviations or scheduling issues, and provides input for optimizing resources.
- ✓ Issuing progress reports, program updates and productivity data on a regular basis and as requested by customers and stakeholders.
- ✓ Establishing a baseline plan for cost and cash flow performance measurement.
- ✓ Working with project team to define the necessary resources for project completion, evaluating the work breakdown structure and standard productivity.
- ✓ Accurately monitoring costs and project cash flow, maintains detailed estimate to complete and estimate at completion forecast, analyzes variances by using earned value management techniques and advising the project management team on any cost and cash flow issues arising.
- ✓ Working closely with engineering, construction, pre-commissioning, commissioning, client and contractors to identify potential changes in scope and quantify the impact of each change in a timely fashion.
- ✓ Administering the change order systems and advising the Project Manager on the cost impact of potential changes and ensures the control estimate/budget is current and reflects changes.
- ✓ Working with project team to identify and assess the priority of project risks (e.g. schedule, cost and scope risks), maintains the risk register and proposes mitigation plans. Analyze impact of risk on the overall timeline and costs.
- ✓ Integrate material resource requirements with project schedule and defines procurement activities and order lead times. Regularly communicates with SCM team and updates schedules to ensure procurement activities take place in a timely way and lead times are optimized to meet schedule targets.
- ✓ Participate in project reviews. Composes reports and updates all required project data in Project Control systems and SAP for Management Information and Project Analysis. Communicate project progress and control issues to project management team and offers solutions.
- ✓ Effectively communicates appropriate information to customers and other stakeholders in a timely manner and to achieve the desired understanding. Moreover, performing regular monthly project administrative tasks.
- ✓ Initiate official letters with client, consultant, suppliers, subcontractors & local authorities for delays, contractual issues, notification & other general information.
- ✓ Providing support to the project team, monitoring execution, progress reporting managing manpower, meeting vendors and overall field operation according to engineering and safety standards.
- ✓ Preparation and generation of BOQ & BOM as well as Sub-Contractor Scope of work during Pre & Post Tendering stage.
- ✓ Frequent liaisoning with SEC-WOA, SEC-EOA & NG-SA for sorting out and clarifying critical or technical issues related to execution & design.
- ✓ During the conceptual phase, responsible for coordinating engineer's activities with other disciplines and departments, and for preparing or working with project controls to prepare factored estimate and milestone schedules.
- ✓ During front end engineering and detailed design, responsible for marshalling and coordinating internal engineering resources, external engineering resources, and divisional departments to complete required deliverables.
- ✓ Coordination's with different vendors like ABB, Alstom, Alfanar, Cooper, Hyundai, ILJIN, SEL for their design and for technical & procurement related queries.
- ✓ Purchase order preparation and placement and Bank L.C.
- ✓ Present or participate in presenting the project proposal to proponents and other interested organizations at technical meetings.
- ✓ Ensure that designs meet client standards and specifications and that alternate designs or changes are economical, operable and meet safety, maintenance and schedule requirements.
- ✓ Maintain project records including drawings, specifications, logs, financial reports and project correspondence.
- ✓ Proactively conducted site internal review meetings and with client for completing work in time by following material and manpower requirement as per planned schedule
- ✓ Led Site Team for smooth project execution within speculated time. In addition, Control and review all site execution activities such as civil works for switchyard, control room building, installation and erection of substation equipment, coordination with internal engineering and procurement departments.
- ✓ Outage & Shutdown Schedule Coordination with SEC.
- ✓ Co-ordination with Commissioning Service Department and Consultants
- ✓ Preparation of Test Format as per SEC Standard and to take Approval from SEC
- ✓ Supervise the termination of Control and Protection cable.
- ✓ Arrangement of materials & work force in time and fulfillment of all of the 5-star safety client requirements with continuous improvement as well as scheduled outages for existing substation works.
- ✓ Sound knowledge in substation construction activities including Civil, Electrical, Mechanical, HVAC, Fire Protection System, SAS & Tele-Communication Systems.

SHABBIR HASAN

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Available within 07 Days' Notice

Previous Employer: M/s Isolux Corsán, Saudi Arabia

Dec/2015 – Feb/2016

Role: Planning & Cost Control Engineer

Designation: Planning & Scheduling Engineer

Job Location: C.O. AL Hassa, Hofuf, KSA.

Project Award: 15 October, 2014

Project Value: 187 Million S.A.R.

Project: New Al-Uqair 115/13.8kV Substation – A & B

Client: Saudi Electricity Company (SEC), EOA, Dammam, KSA

Project T.C.C.: 15 August, 2016 (Technical Completion – 22 Months)

Project P.A.C.: 15 October, 2016 (Preliminary Acceptance – 24 Mon.)

Project F.A.C.: 15 January, 2017 (Final Acceptance – 27 Months)

Previous Employer: M/s AL Sharif Group & KEC International Ltd.

Jul/2014 – Nov/2015

Role: Planning Engineer | Project Coordinator | QA QC Engineer

Designation: Officer Projects, Grade-O3

Job Location: S.O. AL Hassa, Hofuf, KSA.

Project Award: 01 September, 2013

Project Value: 169 Million S.A.R.

Project: New Al-Nada and Al-Mubarakiyah 115/13.8kV Substation

Client: Saudi Electricity Company (SEC), EOA, Dammam, KSA

Project T.C.C.: 01 July, 2015 (Technical Completion – 22 Months)

Project P.A.C.: 01 September, 2015 (Preliminary Acceptance-24 M's.)

Project F.A.C.: 01 December, 2015 (Final Acceptance – 27 Months)

Previous Employer: M/s Vijai Electricals Ltd. (Toshiba Transmission & Distribution System Asia Sdn. Bhd.)

Jul/2011 – Jun/2014

Role: Project Engineer | Planning & Cost Control Engineer | Electrical QA & I Engineer

Designation: G.E.T. to Senior Electrical Engineer

Job Location: Various States / Cities Across India.

Major Projects:

Project Name: Construction of 220/132 KV Erragada (New) G.I.S. Substation

Client: Andhra Pradesh Transmission Corp. Ltd. associated with APTCL & APDCLL

Project Value: Approx. 103 Cr. INR

Project Location: Hyderabad, India

Project Name: Construction of 220/132 KV Mokochung (New) G.I.S. Substation and 132/33 kV Melriat (New) G.I.S. Substations

Client: Under Transmission System associated with Pallatana G.B.P.P. and Bongaigaon TPS in North Eastern Region PGCIL

Project Value: Approx. 137 Cr. INR

Project Location: Bongaigaon, India

Project Name: Construction of 400KV Bay Extensions at 400/220KV Patna Substations, 765/400KV Sasaram & Biharshariff Substations

Client: Under Transmission System associated with Eastern Region Strengthening scheme – III. (PGCIL) Area

Project Value: Approx. 43 Cr. INR

Project Location: Bihar, India

Product Name: 132kV Power Transformer – 1200kV Power Transformer (Unit-4)

Client: State Electricity Boards, PGCIL & International Clients.

Product Value: Approx. ----- INR

Production Location: Rudraram, Hyderabad, India

Major Responsibilities at M/s Vijai and KEC India. (Quality Control & Site Construction, Execution, Installation and Testing & Commissioning):

- ✓ Coordination with the Project team in finalizing the major Purchase orders and Work Orders
- ✓ Installation of Power Cable trays and Cable Ladders
- ✓ Erection of Power transformers (502MVA, 133 / 73 / 69 MVA (3 winding TRF), 100MVA, 67 MVA, etc.,)
- ✓ Installation of 380kV, 132kV and 115kV GIS & HGIS and 220kV AIS Substation. Experience in Hyosung, Hyundai, ABB Switchgear.
- ✓ Installation of complete 220kV outdoor Switchyard including 220kV Gantry structures
- ✓ Installation of 33kV, 13.8 kV Switch gear (Experience in Schneider, SIEMENS, Alfano and ABB switch gear)
- ✓ Erection of All kind of Control and protection panels, AC and DC distribution panels, Telecommunication panels, SCADA, SAS panels.
- ✓ Installations of (48, 110, and 125 Volt DC) battery bank and battery chargers.
- ✓ Erection of Station service Transformers, NER, NGR and Earthing or Grounding Grid, for the substation
- ✓ Erection of Lightning Arrestors, LCLM, Lighting poles
- ✓ All kind of Low, Medium and High voltage cable laying, and terminations.
- ✓ Pre-check of internal and external wiring of any panels and their modifications.
- ✓ Coordination with testing and commissioning team in commissioning the project.
- ✓ Coordination with subcontractors viz., Civil, Small lighting, firefighting & HVAC etc.,
- ✓ Coordination with Consultants and the Clients for various critical issues in finalizing the projects
- ✓ Developing Project and sub-contractor's Quality Plans, Procedures and Inspection Test Plans and getting approval of the same from Client
- ✓ Carry out vendor assessments and quality audits, internal and external. Put into operation an inspection regime to ensure that project procedures and specifications are adhered to so that minimal rework is required and that corrective actions are closed out in a timely manner.
- ✓ Provide regular performance monitoring, reporting and analysis to enable continuous improvement within the Quality Management System.
- ✓ Co-ordinate all the civil, electrical and mechanical requirements for the project. Collate all discipline's documentation for system priority handover to the client, and to compile the final documentation for handover, scanning and archiving.
- ✓ Monthly Prepare/Evaluate PQI (Project Quality Index) for EPC Contractor.

SHABBIR HASAN

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- ✓ Ensure effective and successful Implementation of Project Quality Plan in large integrated engineering Projects.
- ✓ Lead and implement all Quality Management activities in the Project with major focus on Engineering, Procurement, Inspection & Construction stages.
- ✓ Ensure Implementation of "Lesson learned" during the execution of the Project.
- ✓ Review & Approve (Vendors & Sub Contractors) Quality Plans, Inspection and Test Plans (ITP), procedures (Factory Acceptance Test (FAT), Site Acceptance Test (SAT), packing & preservation, method of statements, Manufacturing Data Book (MDB), vendor document register.
- ✓ Approving vendor's Quality documents like, Inspection and Test Plan and different test Procedures etc., in line of stringent owner requirement of Saudi Electricity Company, Different State electricity Boards of India., etc.
- ✓ A close Interaction with Client on Quality issues and updating the Client about Inspection test schedule and test results, dispatches, maintain NCR log, Inspection Look ahead schedule etc. and updating about its status to client.
- ✓ Ensure Contract review to capture Project requirements and ensure requirements are implemented.
- ✓ Set up and conducting Internal, and External Audit Plan and implement the findings in the Project.
- ✓ Review of client's specifications & work scope and prepare detailed execution plan for project installation procedures (WBS) and to prepare QC inspection procedures, ITP for the project.
- ✓ Liaise with Contractor regarding documentation, QC issues and ensures Contractor Maintains the QC element of their system, i.e. Quality Control Procedures, Key Personnel's qualifications, Equipment's Calibration Certificates, Work Procedures, registers, etc.
- ✓ Participate in weekly client review, Kick off meetings.
- ✓ Implementing the Integrated Management Systems (IMS) & Project Quality Plan (PQP) across the project.
- ✓ Review & Approve (Vendors & Sub Contractors) Quality Plans, Inspection and Test Plans (ITP), procedures (Factory Acceptance Test (FAT), Site Acceptance Test (SAT)
- ✓ Approving vendor's Quality documents like, Inspection and Test Plan and different test Procedures etc., in line of stringent owner requirement of Saudi Electricity Company.
- ✓ Coordinating Materials (FAT) with T.P.I Agencies & Site Inspections (Electrical) [Raising R.F.I's & M.I.R's (Materials inspection requests) to client and getting it cleared] Monthly Prepare/Evaluate PQI (Project Quality Index) for EPC Contractor
- ✓ A close Interaction with Client on Quality issues and updating the Client about Inspection test schedule and test results, dispatches, maintain NCR log, Inspection Look ahead schedule etc. and updating about its status to client.
- ✓ Set up and conducting Internal, and External Audit Plan and implement the findings in the Project.
- ✓ Maintaining quality standards for incoming material, ensuring stringent adherence to quality standards, norms & practices.
- ✓ Taking stringent quality measures including preparation of necessary documents to ensure compliance with above standards & customer requirements.
- ✓ Reviewing the operational practices, identifying the areas of obstruction / quality failures for implementing appropriate system and process change for qualitative & quantities improvement.
- ✓ Conducting root cause analysis of internal operations & customer complaints & taking corrective measures, while controlling in-process and final inspection activities.
- ✓ Doing site inspection for the materials received along with the client / consultant representative and obtaining the clearance certificate for the same.
- ✓ Doing Material inspections for various materials at supplier manufacturing facility as per approved QAP, Drawings, IEC, IS & technical specifications. Preparation & submission of Material Approval documents (Electrical)
- ✓ Preparation of Billing break up for different Lump Sum items in the Contract BOQ and getting approval from client for the easiness of billing.
- ✓ Doing regular client billing pertaining to material received, against erection, Freight & Insurance, Price Variation etc.
- ✓ Retention Payment Release certification, P.T.O.C. (Provisional Take Over certificate) invoicing

Passport Details:

Passport Number: J5831372

Passport Valid Until: March 09, 2021

Personal Details:

Date of Birth: January 01, 1989

Gender: Male

Driving License: Valid for India and Saudi Arabia

Marital Status: Married

Verbal and Written Communication Skills

English: Proficiency Level - Excellent

Urdu: Proficiency Level - Excellent

Hindi: Proficiency Level - Excellent

Arabic: Proficiency Level - Good

Contact Details:

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Reference Details:

Reference: Available on Request

I, hereby declare that the details furnished above are true to the best of my knowledge and belief.

Shabbir Hasan