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Sachin

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**Profile Snapshot**

* 5 + years of experience in:

Project Execution & Management Safety Management Design Review & BOQ Preparation

Testing & Commissioning Site Management Team Management

Procurement Coordination Quality Assurance & Control

* Displayed competencies in effective planning, executing and spearheading construction projects involving Method engineering, development, contract administration, resource planning with a flair for adopting modern construction methodologies in compliance with quality standards
* Proficient in swiftly ramping up projects with competent cross-functional skills and ensuring on time deliverables within pre-set cost parameters
* Exemplary relationship management, communication skills with the ability to network with project members, consultants, contractors, sub-contractors and statutory agencies with consummate ease
* Proven skills in carrying out installations for Electrical system such as HT/LT system, BMS, PLC / SCADA, PA and BMS integration with other services
* Experience in implementing cost saving measures to achieve substantial reduction in terms of raw materials, manpower and machine utilization
* Exposure of MEP & Construction related activities of infrastructure and villas.
* Possess good interpersonal, analytical and problem solving skills with a willingness to learn

**Work Experience**

**Key Result Areas**

Project Management

* Evaluating project, present cost / benefits analysis at project decision points; finalizing requirements and specifications in consultation with collaborators / promoters as well as project scheduling including material & manpower planning
* Anchoring on-site construction activities to ensure completion of project within the time & cost parameters and effective resource utilization to maximize the output; detailing of Electrical and BMS related works i.e. preparing BOQ, shop drawings & work methodology
* Communicate with clients to determine the clients' requirements..

Construction/ Site Management

* Supervising all construction activities including providing technical inputs for methodologies of construction & coordinating with Site Management
* Preparing and reviewing Method Statements, Work Specific Quality Control Plans as per specifications of contract document

Installation & Commissioning

* Managing the installation & commissioning of equipment, conducting tests & inspections to ensure operational effectiveness of utilities
* Reviewing engineering drawings, layouts, diagrams, technical and cost estimates for commissioning
* Managing all aspects of installation, Testing & commissioning and handing over of Electrical and BMS system along with all integration.

**Design & Supervision skills**

* Plans and supervises the major functions of the construction which include the responsibility for the planning and co-ordination of all manpower and equipment, materials supplies, and sub-contracted services, towards the proper completion of the work on schedule with approved drawings, specifications, cost and quality limitations.
* Report problem areas to provide assistance to correct deficiencies both in the part of designing and in implementation
* Regular site supervision to ensure that the site is running on program, queries are answered and the quality of work is acceptable.
* Insuring smooth flow of work within given standards and on time.
* Overseeing site operations to ensure timely completion of work.
* Complete Engineering work within the agreed program.
* Perform Electrical Load calculations as per BS & IEEE Standards.
* Preparing Load summary for electrical system & coordinating with Mechanical department to input their requirement.

**PROFESSIONAL EXPERIENCE**:

**October 2015 ­– November 2016 --AL JABAR L.E.G.T ENGINEERING & CONTRACTING (ALEMCO) at Bristish Petroleum Khazzan Project, Muscat (Oman).**

**Electrical Engineer**---

* + Implementation of work according to the drawings and standards.
	+ Design review, Co-ordination of activities, cost control and follow up of MEP package with clients, Main contractors, statutory authorities etc.
	+ Preparing shop drawing, single line diagram and Interconnection Diagram.
	+ Prepare quantity of materials, initial purchase orders and following up material deliveries for all required materials.
	+ Coordinating with the CPF plant for HV cabling Terminations and energization.
	+ Design check such as Voltage Drop Calculation, Cable Sizing, Tray / Trucking Sizing, Load Schedule, Schematic Diagram, etc.
	+ Knowledge of installation testing and commissioning of ELV system i.e. fire alarm system, intercom system, central battery system, security system, structural cabling system etc.
	+ Preparing B.O.Q, tendering, materials takeoff and procurement of material
	+ Coordinating activities related to project with other companies, sections and subcontractors.
	+ Pivotal in managing complete Electrical distribution system, BMS, EPDMS PA system, and Access control System work for fire station and Khazzan Operation buildings.
	+ Preparing TEQ and submit to client / consultant for changes and variations
	+ Prepare the work permit as a permit authority and isolation authority and coordinating with area authority and permit coordinator.
	+ Streamlined the permit to work and isolation process to avoid hazards & spread awareness in workers for the same
	+ High enthusiasm level helps to mix around easily with people of all age groups.
	+ Coordinate with site inspector to resolve site execution problems
	+ Check Interface points from side and other equipment with other panels.
	+ Electrical equipment installation and terminations.
	+ Checking wiring diagram for all system panels and terminations.
	+ Preparation of as built drawings.
	+ Testing & commissioning.

**March 2014 – October 2015 ACTCO General Contracting in Jumeirah Park Villas Package - 7A & 7B (416 Villas), Dubai (U.A.E)**

 **Electrical Engineer / MEP Coordinator for Villas and Infrastructure Works ---**

* Coordinate between MEP department, MEP Sub contractor & civil department.
* Coordinate with Consultant for all activities related to MEP like shop drawings, materials and Inspection.
* Supervision work at site and monitoring progress.
* Preparing RFI and follow up inspection with consultant and DEWA for feeder pillars installation and LV & HV cable termination.
* Lighting load estimations and determining numbers of feeder for lighting panel.
* Follow up and reporting the progress of construction to MEP Manager.
* 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.
* Coordination with DEWA regarding the NOC.
* Solving the site issues with consultant and closing the NCR for MEP work activities.
* Conducting coordination meetings with various services sub-contractors and with site team to speed up the execution
* Preparing SCR and submit to client / consultant for changes and variations
* Responsible for temporary facilities works at site. (Lighting, power etc.)
* To prepare and issue snags list and observations.
* Coordinating at site with various services to speed up the construction activities.
* Testing & commissioning

**July 2011 – March 2014 Reliance Electromechanical**

**Assistant Electrical Engineer ---**

* Preparation of design layouts for electrical related services like lighting, power, low current system, and load schedules, SLD, etc.
* Responsible in construction support activities such as shop drawings review, responses to requests for information (RFIs), construction site visits, design revisions/management of change etc.
* Efficiently coordinated with design team & checked system with consideration of national & international codes and standards.
* Supervision work at site and monitoring progress.
* Participate in the generation of proposals, scopes, schedules and budgets.
* Preparing the daily, weekly and monthly progress report.
* Electrical quantity takeoff for designing and for order materials on the project.
* Earthing and lightning protection design based on the regulation.
* Implement the Projects Quality Plan on project.
* Coordinate with main contractor and consultant representative and other trades.
* To carry out inspections of all electrical works.
* Review the design, tender drawings, BOQ, specifications, etc. related to project received from consultant.
* To arrange testing and pre-commissioning inspections.
* To submit ceiling closure request after installation of first fix of MEP services.
* To prepare and issue snags list and observations.
* Report all matters related to the quality to the project manager on daily basis.
* Attend meetings and implement the actions decided in the meeting.
* Load calculations, voltage drop calculations, cable calculations.
* Sizing cables and MCCB in power distribution works.

**Training Program & Certificates**

* Worked as a summer trainee at Oil & Natural Gas Corporation (ONGC) in Dehradun and successfully completed project report on “Temperature controller & Instruments used in Cementing labs”.
* A project report on “digital heart beat counter with stopwatch”.
* Trainee and certificate in “Fire Prevention & fire fighting” organized by When-It-Strikes Crisis Management Pvt. Ltd. - Bangalore.
* Workshop on “Mobile Wireless Data Network Challenges” held at Teleysia Network – Ahmadabad.
* Worked as a trainee and certificate at “Advanced Training Institute for Electronics & Process Instrumentation” Ministry of Labour & employment, Government of India at Dehradun and successfully completed project report on “Optical Fiber Communication”.
* Worked as a trainee and certificate at “ATI-EPI” Ministry of Labour & employment, Government of India at Dehradun and successfully completed project report on “Programmable Logical Controller and installation”.
* Trainee and certificate as a “Permit Authority and Isolation Authority” organized by British Petroleum at BP Khazzan Project, Muscat (Oman).
* Trainee and certificate as “Safety Leadership Program” organized by British Petroleum at BP Khazzan Project, Muscat (Oman).
* Trainee and certificate in “AUTO CAD” organized by CETPA at Dehradun, India.

**ACHIEVEMENTS**

* Participated in inter-school social competition and got 3rd position at state level.
* Participated in National level athletics (Spardha-2008) & won silver medal (4.400 relay).
* I.E.E.E presentation on “electron mobility in silicon Nano wires”

**COMPUTER SKILLS**

 Office Applications : M.S. Office, Auto Cad, Microsoft outlook & Internet.

 Programming : Programmable Logical Controller (PLC), SCADA & MATLAB.

**EDUCATIONAL QUALIFICATION:**

1. **Bachelor of Technology (B. Tech.) Electronics & Instrumentation from Uttarakhand Technical University (Dehradun) India 2007-2011 with 1st Division.**
2. **Master of Technology (M. Tech.) Electrical Engineering Sequential (part time) from Uttarakhand Technical University (Dehradun) India 2016 with 1st division.**