*I had Over 25 years of experience in the electrical construction, design and project management on several installation of 33kV and 11kV and related equipment and building services, low current, fire alarm and protection. I served in field of quality control as lead engineer, testing & commissioning and start up engineering in petrochemicals, oil & gas power plants, industrial building, district cooling plants and residential buildings. Gained expertise in detail electrical installation procedures, and scope of work for electrical supplier and contractors. Also a Commissioning Engineer for HV equipment testing like HV motors, compressors and gas generators with SLGC. Leading a team of engineers in coordinating with utility companies (ADDC, AADC, FEWA, DEWA and Saudi Electric Company SEC) at different locations inside and outside UAE to provide bulk electrical power supply to all district cooling plants substation on behalf of the client.*

*I had an excellent communicator with great inter-personal skills, able to confidently lead projects and work with others at all organization levels of with dependable capacity to meet challenging deadlines through excellent time management skills and self-motivation*

Years of Experience

* 25 years

**…………………………………..**

Years with SNC-Lavalin

* 16 years

Key Positions

* Sr. Electrical Construction Engineer
* Sr. Electrical quality Engineer
* Sr. Project Engineer

Languages

* Arabic
* English
* Tagalog (Philippines language)

Site Experience

* Saudi Arabia
* United Arab Emirates
* Yemen
* Greece

|  |
| --- |
| SECTORS OF EXPERTISE  |
|  |  |  |
| **Power** | * Power Transmission and Distribution.
* Distribution Management Systems.
* Construction Residential and industrial building complex
 |
| **Infrastructure & Buildings** | * Industrial building substation – District Cooling Plants.
 |
| **Additional Expertise** | * Thorough knowledge in various controls, protection and operational requirements of the Substations and associated Substation Equipment’s and various adopted Good Engineering practice.
* Line differential protection installation and commissioning in several substation installations.
* Preparing the technical specification for tenders, evaluation, conducting case studies, technical writing, developing a team of Engineers by imparting technical knowledge and thus Building a team.
* Coordinating with sub-contractors/Equipment suppliers for Technical and contractual issues and resolving the issues.
* Design and Engineering and product development of various switchgears up to 33 KV.
* Preparing energization procedure plans for new DCP substation installations
 |
|  EDUCATION  |
|   |   |  |
| **1990** |  | Bachelor Electrical Engineer, Feati University, Manila, Philippines |

|  |
| --- |
| EXPERIENCE  |
|   |   |  |
| **SINCE 2004** | **|** | **SNC – LAVALIN Gulf Contractors Abu Dhabi, UAE** |
|   |   | Over 30 District Cooling Plants’ substations completed all over the UAE & KSA *(Various Clients)* |
|   |   | **Sr. Electrical projects Engineer**  |
|   |  | * Design SLDs for 33kV, 22kV and 11kV substations for the district cooling plants.
* Prepare technical bid evaluation for suppliers and contractors proposed switchgear equipment from breakers, protection relays, control scheme and other related equipment and calculations.
* Develop engineering scope of works for electrical packages (purchase and contracts) in bid stages.
* Assist contracts department in defining sub-contractors scope of works.
* Review tender clarification and reply to all comments raised on the clarifications or new addendums required
* Review contracts and client specification and make sure it is in line with the issued specification and drawing from engineering department.
* Preparing power utility companies standard connected load details forms and tables.
* Understanding technical requirements of power utility companies and ensure it is coordinated with Engineering and Procurement Team.
* Ensure selected equipment and vendors are approved and comply with power utility companies.
* Compile and submit technical packages of electrical design for power utility companies’ approval.
* Attend clarification meetings with power utility companies to defend the submitted design.
* Attend FAT HV/MV/LV switchgears along with utility engineer and approve the FAT.
* Ensure the switchgear HV/MV/LV Protection Settings and voltage drop calculations are coordinated with power utility companies and implemented at site.
* Follow-up on the power connection to the project to ensure that power will be available on time and will not delay project progress.
 |
| **2001- 2004**  | **|** | **SNC – LAVALIN INTERNATIONAL Abu Dhabi, UAE** |
|   |   | District cooling plants in Zayed Military City – 4 district cooling plants’ substations completed (Client Tabreed) |
|   |   | **Sr. Electrical Project Engineer**  |

* Supervised the installation, testing and commissioning of 11kV switchgear, Transformers , MV Soft starter building services equipment, fire alarm system, review of submittals for control schemes, protection schemes and Coordinated with the main designer for RFI received from contractor
* Attend weekly progress meeting with client and contractor and make sure contractor following the plan accordingly and no delay to each activity on site
* Attend all snag items prior for final completion of project and arrange training programs for operation team prior to obtain final completion certificates

|  |  |  |
| --- | --- | --- |
| **1999- 2000**  | **|** | **Consolidated Contractors International Company (CCIC)**  |
|   |   | *Onshore Gas Development plant project Abu Dhabi United Arab Emirates (Client ADNOC)* |
|   |   | **Sr. Quality Control Electrical &Instrumentation Engineer** |

* Prepared Electrical quality control plans and inspection test plan for the according to project specification and procedures approved by the client
* Prepare Electrical schedule for inspector to perform daily surveillance inspection at site to obtain full supervision of the electrical activities by quality department team
* Reviewing project quality plan and project management plans and coordinate with main office to implement the plan and to be approved by client
* Reviewed CV of Electrical and instrument inspectors to be recruited to meet the requirement of client
* Monitored inspectors during inspection and issue nonconformance report to any site activity that affect the quality of work as well as the affect the progress of work
* Attend audit with third party companies and ensure all document comply with international standard origination ISO and according to approved procedure and plan

|  |  |  |
| --- | --- | --- |
| **1997- 1999**  | **|** | **Consolidated Contractors International Company (CCIC)** |
|   |   | *Construction of Residential and Industrial Complex project, Eastern Region Shaybah, KSA (Client ARAMCO)* |
|   |   | **Electrical Quality Control Engineer** |

* Prepared Electrical inspection request to client and coordinate with client inspection team for joint inspection of electrical installation of 69/13.8 kV transformer 13.8kv switchgear
* Prepared all related inspection test plan and quality control plan to be implemented during inspection and recorded accordingly
* Attended weekly coordination meeting with construction team to solve all related nonconforming issue been raised during the installation of electrical equipment and received material at site
* Perform quality audit for project departments to make sure that the drawing which been used is the latest issued drawing by the engineering team
* Handed over to client completed packages document
* Issued none conformance report to project construction team and vendors if the equipment did not comply with the specification and drawing
* Attend quality audit inspection by third party company assigned by client to make sure that the construction team is using the proper quality document, procedures, method of statements and drawings

|  |  |  |
| --- | --- | --- |
| **1995 - 1997** | **|** | **Consolidated Contractors International Company, (CCIC)***Thamama C&F Gas gathering and injection pipeline Abu Dhabi United Arab Emirates**(Client ADCO)***E&I commissioning Engineer** |
|  |  | * Testing for Medium Voltage, High Voltage switchgears, Medium Voltage Transformers, Power Transformer, DC system Transformers Inspection of high voltage motor and compressor
* Testing of protection relays and medium voltage switchgears manufactured by General Electric Corporation at habshan, site
* Testing of RTU Interface for the DCS/SCADA system from the Medium Voltage, High Voltage switchgears, Medium Voltage Transformers, Power Transformer, DC Traction Switchgear and the Rectifier Transformers
 |
| **1993 - 1995** | **|** | **Consolidated Contractors International Company, (CCIC)***Central Production Facility – Maseela Hadramout, Yemen (Client Canadian Oxy)***Electrical and Instrumentation Engineer*** Designed, developed, and modified equipment used for assembling electrical components
* Provided instruction to the staff as and when required
* Identified, defined, and resolved electrical issues at construction sites
* Used power and hand tools for performing mechanical and electrical assembling
* Supervised and evaluated performance of junior team members
 |
| **1991 - 1993** | | | **Middle East Electronics Company***Amman, Jordan***Electrical Engineer** |
|  |  | * Diagnose problems, check current leakages and work with varied voltages to fulfill client’s power source demands
* Install relays, switches, circuit breaker panels and grounding lead
* Develop thorough understanding of contract plans and specifications including one-line diagrams, cable and conduit schedules and ladder/loop diagram Schedule
 |

## Training Programs

 2016 - Project Management Development Program Dedicated to Engineering Managers

## Provisional Association

 Since 1991, member of Jordan Engineering Association