EXPERIENCE PROFILE

Project / Electrical Engineering Professional with more than 14 years of experience in Engineering Design, Project Management, Construction and Commissioning. Working in PMC and EPC spectrum on Projects ranging from Commercial, Infrastructure, Oil/Gas and Petrochemical sector.

Hardworking and focused professional who is willing to go the extra mile to achieve the targets. Successfully delivered on Projects independently. Proven record of completing the job within schedule and allocated budget while maintain a strong emphasis on client requirement.

Area of Expertise:

• PMC

• Detail Design

• Contract Management

• Construction and Commissioning Supervision.

• Facility Management.

•.Quality Control.

• Green/Brown Field.

**YEARS OF EXPERIENCE**

Total Years: +14

EDUCATION

BSc. In Electrical Engineering, Faculty of Engineering, Sudan University of Science & Technology, **2005**

PROFESSIONAL MEMBERSHIP

**Kuwait Society of Engineers,**

**2014**

Sudan Engineering Council,

Professional Engineer 2010

|  |  |
| --- | --- |
| Sudanese Engineering Society | |
| Membership 2006 |

OTHERS

Nationality: Sudan

Language: Arabic, English

Year of Birth: 1981

No. of Dependents: 3

Visa: Valid Transferable Visa

RELEVANT PROJECT EXPERIENCE

Kuwait Technical Consulting Bureau, KTCB-Kuwait

**Senior Electrical Engineer**

**Sep.2017 - present**

**Project: KGOC new main office building (LEED Project), in Ahmadi**

**Client: Kuwait Gulf Oil Company-KGOC**

Senior Electrical Engineer, a member of Project Management Consultancy (PMC) team based at Al-Ahmadi site in Kuwait, responsible for construction and completions delivery of KGOC’s building which is aimed to become a LEED-Silver accredited Building.

**Responsibilities:**

-Ensuring the KGOC sustainability and LEED goals and objectives are properly executed onsite by phase team contractors and subcontractors.

-Assist, as required, with day-to-day engineering interfaces between PMC Core Engineering Team, HO Electrical Team, Project Managers and other engineering teams assigned to the EPC package, including interaction with all other specialist disciplines as required

-Participate in local Hazard and Operability (HAZOP), Safety Integrity Level (SIL), Project Health, Safety and Environment Review (PHSER) exercises for the EPC Project during detailed engineering and ensure recommendations from such exercises obtain relevant approval as required.

-Participate in design reviews and engineering changes with Client and EPC Contractors and Subcontractors as necessitated during design development and ensure Core Team are made aware of these.

-Participate in key Client / Contractor reviews and meetings as required.

-Participate in project reviews, value engineering and value improvement workshops with Client / Contractor as and when required.

-Assist PMC EPC Based Lead Electrical Engineer to advise Project Lead Electrical Engineer regarding input into engineering procedures and work practices as appropriate.

-Develop close working relationships between all engineering team members, Project Managers, projects teams and EPC staff to ensure a consistent approach and effective resolution of issues.

-Develop a good team spirit within assigned PMC and EPC personnel and encourage team working with the Contractor and others.

Group Five Co. , Kuwait

**Project Engineer**

**Oct. 2016 – Aug.2017**

**Project:** The Avenues Mall Project (Phase 4)

**Client** : Mabanee

Responsible for overall execution of the Avenues Project (Phase 4) starting from initiating to closing phases including procurement management for the project. Also responsible for the budget cost control, Risk identification & control and coordinating with client and other stakeholder of the project.

Providing all the necessary support for the project manager in all aspects, selecting and preparing the subcontracts.

**Responsibilities:**

-Led the project development and execution process on site to ensure completion of the job within specified time frames, in an organized and cost-effective manner, by the approved design and quality standards to meet consultant and client requirements.

-Supervised the site regularly; attended all technical and engineering issues, additional requirements, design changes, etc. in an effective and timely manner thereby achieving client requirements and quality standards.

-Coordinated with client and consultant on all about the finishes of the shop facades, flooring and ceiling drawings, plans, schedules and technical issues for quick resolution.

-Monitored progress against the project plan and keep the client updated on the progress taking immediate corrective action where required.

-Focused on problem-solving, decision making and professional demeanor, exhibiting a behavioral style that conveys confidence and commands respect from others; making a good first impression and representing the company in alignment with its values.

Kenana Engineering & Technical Services-KETS, Sudan

**Senior Electrical Engineer**

**July 2012 – July 2016**

**Projects:**

**East Africa Sugar Program (Sugar Factory Projects):**

Led the Electrical Services in delivering high quality Design Reviews for sugar factory projects managed by KETS. Provided a continuous support to the Design Managers and Site teams in providing a fully integrated problem-solving approach and creative ways in optimizing projects’ Value Engineering Analysis. Contributed in developing a standardized approach in delivering high Quality Design Reviews for Electrical systems and sustainability procedures.

**Responsibilities:**

-Managed and coordinate engineering works of the project at Site to maximize the effectiveness of project delivery to time, budget and quality objectives

-Monitored, review and approve key documentation to support timely procurement of materials and construction, installation and completion

-Ensured assigned work is managed and delivered to the client technical satisfaction

-Ensured that key KETS relationships are maintained at all levels within the project

Interfaced with the client and the Contractor for formal and informal reviews on technical matters with respect to engineering work.

-Monitored and review design documentation originated by the EPC Contractor

-Liaised directly with the client and the EPC Contractor for review / approval of critical drawings and documents.

-Reviewed and monitored the EPC Contractor’s and their Subcontractor’s engineering / design activities.

-Reviewed and monitored the critical engineering and design activities performed by the EPC Contractor

Coordinated and resolve filed engineering queries interfacing with construction and completions.

Kenana Engineering & Technical Services-KETS, Sudan

**Electrical Engineer**

**Dec 2009 – July 2012**

**Projects:**

**•White Nile Sugar Factory Project.**

**•The Township Project.**

**•Ancillary Buildings & Infrastructure Project.**

Field supervisory electrical engineering position in building construction management, Application of electrical engineering expertise on electrical distribution and service utility systems – specifically; multi-story buildings, HV/LV infrastructure and equipment, building power systems, lighting, electric panels, ducts, and wiring, HVAC power, fire alarm, security, telecommunications and other low voltage systems.

**Responsibilities**

-Monitored construction Contractors’ electrical installation and testing activities.

-Assisted Contractor with coordination of other related trades (i.e. HVAC, Plumbing, Fire Protection, Structural, Architectural, etc.).

-Witnesses Contractors’ quality control inspections to ensure that the permanent works are constructed according to the contract, applicable codes, standards, approved drawings and specifications, including start-up activities, pre-commissioning & commissioning.

-Reviews Contractor-submitted shop and as-built drawings, materials submittals, tie-in procedures, project schedules, and work permits; and coordinates with the concerned departments/organizations for obtaining their approval and/or their comments.

-Reviewed Contractors’ electrical quality assurance and quality control programs, inspection and test plans, installation, testing, pre-commissioning and commissioning procedures, for electrical equipment and cable work, and provides comments for transmittal to the contractors.

-Arranges meetings between the Contractor and concerned departments/organizations to resolve interfacing problems during construction.

-Organized, coordinated, and conducted in conjunction with the concerned departments/organizations acceptance inspections and re-inspections of the completed permanent works, until all deficiencies are corrected and signed off.

-Reviewed Contractors’ invoices for correctness of installed quantities for the electrical portion of the permanent works.

**Emirates Technical Associate (ETA-ASCON Group of Companies-MNE Division), Abu-Dhabi-UAE**

**Electrical Engineer**

**May 2008 – Aug 2009**

**Projects:**

**•Etihad Terminal 3 &Car Park Project.**

**•Abu Dhabi Land Mark Tower (High Rise Tower)**

I was Reporting to the Senior Electrical Engineer, and responsible for ensuring the compliance with the contract documents, prepare shop drawings, Inspection Requests and material submittals, review and recording of testing reports, review and documenting of consultants and client correspondences, prepare of payment, coordination with the sub-contractors, prepare method statements, documenting and conducting progress meetings with the sub-contractors, and supervision staff.

**Responsibilities:**

-Preparation shop drawing, Load schedules, Method statements and material submittals.

-Implemented works with quality and standards set in the quality plan of ADDC regulations.

-Ordering the materials (cables, panels, trays, wiring accessories & light fitting).

-Installation of LV systems & ELV system (emergency, fire alarm, CCTV, Public system, structured cabling and BMS system).

-Co-ordination with design department to get the shop drawings and followed up approval from consultant.

-Estimating, managing & supervising the day to day activities.

-Co-ordination with all the vendor, RFQ generation, Vendor negotiation and PO release.

Petro-Energy E&P Ltd., Khartoum-Sudan, (Ballila oil field)

**Electrical Engineer**

**Apr 2006 – Apr 2008**

**Projects:**

**De Bottlenecking project**

**Gas fired Gen set project.**

**FSF Project.**

**Vis-Breaking project.**

**MOGA FPF & Transit line project.**

**Responsibilities:**

-Responsible for monitoring and inspection of on-site electrical installation and testing work activities, Provides technical guidance to contractors.

-Rendered technical drawings and electrical systems specifications that exceeded company standards.

-Performed in-depth electrical acceptance testing of completed hardware, including continuity and high potential isolation testing.

-Monitored the manufacture of electrical devices and operations to ensure compliance with safety protocols.

-Troubleshot electrical equipment problems such as electro-valves and sensors.

-Performed load calculation for sizing wire and circuit protection.

-Monitored installation and operations to consistently meet project requirements.

**Ministry of Oil & Mining, Oil Exploration & Production Authority (OEPA), Sudan**

**Electrical Engineer**

**May 2005 – Apr 2006**

**Responsibilities:**

-Responsible for construction coordination for project involved industrial buildings and structures for refinery plan units and station for receiving storage oil

-Worked collaboratively with clients, team members, implementation consultants, and resources across the authority to achieve desired results.