

MAHDI ABBASI LAKHANI

No.10, Sevvom Sharghi, Hashtom Shomali, Saazman Aab, Tehran, Iran. Tel. 00989120283304
m_a_lakhani@yahoo.com;

SUMMARY OF QUALIFICATIONS

- More than 20 years of experience of working on electrical power generation and distribution systems of onshore and offshore projects and/or assets with international Oil and Gas companies such as BP, SBM Offshore, Worley, Doris Engineering and PPL;
- Registered as Chartered Engineer(CEng) with the UK IET;
- A consistent track record of successfully completing projects and extensive experience in the design of electrical power generation and distribution systems of major upstream Oil and Gas projects including Conceptual, FEED and Detailed engineering working as a part of engineering contractors multi discipline team for major clients such as Total and Shell;
- Extensive experience in supervising and leading a team of electrical engineers and designers with preparing schedule and maintaining budgets;
- Experienced in providing operation support, maintenance and troubleshooting of electrical systems and equipment to Operation team as well as providing electrical engineering support to Brownfield Projects on operating assets;
- Review, comment and managing electrical drawings and documents produced by EPC/ Engineering Contractors and/ or suppliers as a client;
- Extensive Experience in Cost estimation, Requisitioning, Technical Bid Evaluation and Vendor Data Review for electrical equipment and bulk material;
- Providing technical coaching/professional guidance and assisting in the development of other engineers;
- Fully conversant with HAZID, What If and other Risk or Hazard identification techniques from Electrical point of view;
- Fluent in English; Computer skills including MS Office, Internet and email as well as being familiar with electrical power system analysis such as ETAP.

PROFESSIONAL EXPERIENCE

Principal Electrical Engineer

10/2017 – Present

Parman Pooyesh, Tehran, Iran

- Acting in PMC organization as Lead electrical engineer;
- Review and verification of the Basic Engineering's electrical deliverables package;
- Overall supervision of all EPCC electrical works and activities for the project.

Lead Electrical Engineer

3/2017 - 9/2017

Worley, KL, Malaysia

- Design of a cost effective power supply configuration;
- Design of electrical power generation and distribution networks, preparing Load List and Single line diagrams, sizing Electrical equipment, performing Lighting and UPS sizing calculations;

- Perform power generation and distribution studies and calculations for offshore and onshore facilities using ETAP software;
- Cost estimation, Requisitioning, Technical Bid Evaluation and Vendor Data Review;
- Perform Inter-discipline design reviews; Participate in 3D model reviews from Electrical point of view;
- Design, selection, and preparing Specification and Data Sheets of Switchgear, Transformers, UPS, GTGs, LV and MV Motors with their associated starting equipment and Variable Speed Drive Motors

Lead/ Senior Electrical Engineer

12/2012 -12/2016

BP, Baku, Azerbaijan

- Coach and mentor National engineers, drive the development of the electrical engineering organizational capability within the AGT Region;
- Lead electrical discipline work scopes, engineering queries, and Management of Changes for the asset in all operating areas;
- Liaison with Projects, provide constructive feedback for scope development and critical/independent review of detailed design packages;
- Work as the primary point of contact to support the operation for West Chirag Oil platform;
- Identify improvements to electrical power generation and distribution systems;
- Deliver discipline-specific support to the asset in resolving operations, maintenance, and technical integrity issues;
- Provide assurance for Safety-Critical Equipment maintenance and oversight of hazardous area Ex inspection programme;
- Oversee engineering feasibility studies for electrical projects;
- Communicate design expectations and site implementation standards to Projects teams;
- Provide Operations input to Major Projects regarding electrical systems design;
- Manage all deliverables from electrical engineering contractors and suppliers;
- Provide input to hazard identification and risk assessments for proposed changes;
- Ensure that relevant codes, standards, design guidelines and regulations relevant to electrical systems are correctly interpreted and applied;
- Collaborate with specialists and engineers of all disciplines.

Lead/ Senior Electrical Engineer

3/2011 -12/2012

SBM Offshore, KL, Malaysia

- Supervise a team of senior and graduate electrical engineers, draftsmen and designers;
- Performing inter-discipline design reviews;
- Preparing Load List;
- Preparing Single line diagrams;
- Design of a cost effective power supply configuration;
- Performing power generation and distribution studies and calculations using ETAP;
- Sizing Electrical rooms including topside switchgear room, transformer area, VFD room, and battery room and also Hull Electrical rooms and Transformer area,

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- Sizing Electrical equipment and preparing Electrical equipment list;
- Preparing Specification and data sheets for MV and LV Switchgears, Transformers, UPS, and MV Induction Motors.

Lead Electrical Engineer

2/2007 -2/2011

Worley, KL, Malaysia

- Supervise a team of senior and graduate electrical engineers, draftsmen and designers;
- Performing inter-discipline design reviews; Participation in 3D model reviews;
- Supervise a team of senior and graduate electrical engineers, draftsmen and designers;
- Performing inter-discipline design reviews;
- Participation in 3D model reviews;
- Preparing schematics and wiring diagrams, Load List, and Single line diagrams;
- Preparing cable ladder, lighting and earthing layouts;
- Design, selection, and preparing specification and data sheets of Switchgear, Transformers, UPS, Gas Turbine Generators, LV and MV Induction Motors with their associated starting equipment and Variable Speed Drive Motors;
- Requisitioning, Technical Bid Evaluation, Vendor Data Review and Incorporation, drawing approval for major electrical equipment and bulk material;
- Participant in SAFOP (SAFety & OPerability overview of electrical design), based on Shell Company's Standard, DEP;
- As built drawings

Lead Electrical Engineer

9/2006-2/2007

Petro Pars Ltd., Tehran-Iran

Senior Electrical Engineer

6/2003-9/2006

Petroleum Industry Research Engineering Company, Tehran-Iran

Electrical Engineer

9/2000-6/2003

ACECR, Tehran-Iran

EDUCATION

- Bachelor of Electrical Engineering,
1991-1996, SHARIF University of Technology, Tehran- Iran.
- Master of Science in Economical systems Engineering,
1996-1998, Iran University of Science and Technology, Tehran- Iran.

REFERENCES

- Available Upon Request