Mustafa Al- Obaidi

Nationality: Saudi| 0556334095 | Mustobaidi@gmail.com

Objective

A dedicated, committed PMP certified engineer with 5+ years' experience in Electrical, Instrumentation and Communication works in Oil & Gas and process industries. Looking to be placed in a company in which I can use my technical skills and leadership qualities to deliver my best and upgrade my skills, experience and meet the demands of the organization.

Education

King Fahd University of Petroleum and Minerals (KFUPM)
Degree of Bachelor of Science in Applied Electrical Engineering. (2009-2015)

Experiences

SNC-LAVALIN Fayez Engineering

July 2020 – Present

Project Engineer (PMS)
(Project Management Support Team for Miscellaneous Gas Project Unit-Saudi Aramco), Working with Saudi Aramco Project Management Team (PMT) seconded from SLFE

Project Description: 100 projects including new or modification of gas wells, remote headers & gas gathering manifolds with its associated trunk lines, flow lines, SCADA system, RTU upgrades, instrumentation and electrical scope.

- Performing design review and resolution of various design-oriented issues.
- Ensuring that all works are completed by contractors in accordance with the relevant codes, standards and legislations.
- Monitoring construction activities and reporting progress to management.
- Liaising with contractors on progress in weekly basis and highlighting various issues and possible solutions.
- Executing and managing all the Contractors Contractual Obligations.
- Supervise & coordinate all construction, pre-commissioning, commissioning assistance and close out activities.

Dec. 2019 – Jun. 2020

Communication Design Engineer
(Onshore Maintain Potential Program "OMPP")

- Preparing development of Detailed Engineering Design packages for construction contractors that include; detailed system description manuals, detailed bill of materials and detailed engineering drawings. Project scopes included Radio, CCTV, SCADA, and FOC outside plant.
- Carrying out site surveys for new proposed wells and Tie-in wells.
- Answering Technical Quires from Construction contractors.

Nesma & Partners Contracting Company
May 2019 – Dec. 2019

Electrical and Instrumentation Engineer
(Onshore Maintain Potential Program "OMPP")/(Installation of Fiber Optic Cable Ring & SCADA System)

- Planning and supervising all electrical, instrumentation, and telecommunication activities in the well site and GOSPs (Gas/Oil Separation Plants) for installing new SCADA systems and all associated components including Fiber Optic Cable Ring-62 Km, HMIs, GPS servers, routers, and firewalls.
- Liaising with the client (ARAMCO Project Management Team) on progress.
- Management and co-ordination of Vendors (Yokogawa/ Invensys- RTU)
- Pre-commissioning and Testing of circuit breakers and Transformers.
- Preparing redline drawings and as built drawings.

Tabuk Pharmaceuticals Manufacturing Co.
Jan 2018 – April 2019

Validation & Calibration Engineer
- Preparing and executing protocols in all phases (IQ, OQ & PQ).
- Preparing Risk Impact Assessment and Change Controls.
- Preparing SOPs for operating/testing machines and systems.
- Troubleshooting technical problems and carrying out associated coordination with suppliers and vendors.
- Performing daily calibrations on plants sensors, instruments and equipment.
- Performing cleanroom, HVAC system and Thermal Mapping qualifications (data acquisition, analyzing the data and preparing the reports).

| **SNC-LAVALIN- KENTZ** | **Electrical Engineer** |
| Nov. 2015 – Dec. 2017 | (Installing SCADA System at SAOO Fields To Monitor 652 Oil Wells) |

- Acting as the main technical adviser on a construction site.
- Day-to-day management of the site, including working, supervising and monitoring the site labor force and the work of any subcontractor for installing SCADA system that connects 652 oil wells via Telecommunication Networks (VSAT, SDH, and Fiber Optic Cable).
- Preparing GOSPs execution plans for client approved, including all support documents.
- Reviewing the material take off and performing technical bid evaluation.
- Preparing daily progress reports, request for inspection and energization forms.
- Performing cable sizing calculations and load calculations

Certificates & Achievements

- **PMI: Project Management Professional (PMP)-** Cr# 2874226
- **Bicsi DD101: Foundations of Telecommunications Distribution Design.**
- **Building Controls (5 Levels), I, II, III, IV, V Schneider Electric University**
- **CommScope Certified Fiber Optic Infrastructure Specialist** - Cr# BI742703US201DS6
- **CommScope Fiber to the Antenna (FTTA)** - Cr# BI755934US201DS4
- **CommScope Broadband OSP Fiber Solutions-** Cr# BI737548US201DS7
- **Certified Automation Engineer (PLC, SCADA, HMI, VFD)-**Easy Learn Training Institute.
- **Technical Manager Training Program offered by Agon:**
  - HVAC Qualification & Validation.
  - Qualification &Validation of Water Purification, Storage & Distribution System.
  - Risk Based Approach for Commissioning, Qualification & Validation.
- **Senior Project: Designing & Implementation of a Control of PV Generator Cooling System (Position in the group: Leader)**
  - Achievement: we have successfully designed, implemented the system and raised the output power of the Photovoltaic generator by 9.7%.
- **ETAP Training Course Conducted by Future Technologies Ltd.**
- **Coop training at The International Electrical Products Co. TIEPCO for 7 months.**
- **Industrial Safety Course Offered by the Deanship of Educational Services.**
- **Oil, Gas, and Petroleum Industry Offered by the Deanship of Educational Services.**

Activities & Skills

- Fluent in Arabic, proficient in English.
- Inspection, Testing and Reporting.
- Technical Standards and Regulations
- SEC (Saudi Council of Engineers) Member.
- IEEE Toastmasters Member.
- IEEE Member.
- Bicsi (Building Industry Consulting Service International) active member
- ETAP, MATLAB, C++, MicroStation, RSlogix and SIMATIC s7-300 Software.

References

- Ian O'driscol, Project Mng. at Data Center, Email Ianod1@gmail.com
- Eddie Fogarty, Electrical Eng.at Mercury Engineering, Email: edwardofogarty@gmail.com
- Olu Millar, Ex-Head Instrumentation &Control Systems/Electrical Engineering/Loss Prev. & Environment Engineering. at Qatar Petroleum Mng., Email: ojmillar@yahoo.co.uk
- MadhanKumar, Sr. Instrumentation Eng. at Kentz; Email: b4umadhan@gmail.com