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Profile

I'm an Electrical Engineer with a good knowledge of Railway & Metro Signaling and Power system in general and I'm working as Metro project Electrical signaling Engineer. I consider myself an open mind, ambitious, which has great communication skills and believe in work ethic and teamwork.

Objective

Seeking a suitable position in a progressive and forward thinking organization where I can implement organization's goals by employing my skills and experience.

Education

Electrical Engineering Degree, (FIT) Florida Institute of Technology (2013) GPA: 3.12, Major GPA: 3.04 out of 4.

Associate Degree of Technical College (Diploma in Electrical Machines and Equipment's), Technical and Vocational Training Corporation (2003)

GPA: 3.9 out of 5.

Work Experience

October 2017- Present

Project Electrical Signaling Engineer at SYSTRA Company, which is a part of Riyadh Metro Transit Consultants (RMTC) consortium. The main duties include:

- Working with the design-build contractor's CBTC signaling team to meet contract requirements.
- Managing the overall activities of the design-build contract.
- Ensuring that the Signaling System and all other relevant interfaces are being installed, tested and commissioned as per design specifications and contract requirements.
- Reviewing construction design drawing.
- Reviewing Installation subcontractor proposals to analyze the scope of work, technical capability and resourcefulness in terms of similar experience, manpower technical skills and equipment/tools.
- Reviewing method statements, installation procedures and test & commissioning procedures.
- Reviewing signaling system document including designs implementation plan, equipment installation plan, testing and commissioning plan.
- Monitoring signaling-related interfaces and integration with other disciplines such as platform screen doors.
- Preparing reports on Signaling system Installation, testing and commissioning issues, performing analysis and evaluating solutions.
- Reporting on progress against schedule, budget, specifications and service standards.
- Apply and Test operation cases to guarantee the reliability of the CBTC system.

January 2017- October 2017

Network Operation supervisor in Network operation management department at Saudi Arabian Railway company (SAR). The main duties include:

- Review and authorize all operation instructions.
- Apply railway Standards and standardize the network.
- Production of Methods of Work (MoW) for operation.
- Timetable and schedule of operation plan approval.
- Incident and risk Management.
- Provide Urgent Operating Advice to the Operations Control Center.
- Review and approve future signaling schemes for new projects.
- Manage operation, engineering, and projects interfaces.
- Internal audit and verification for the network and operation.
- Lean Management.

January 2015- December 2016

I was working in the Signaling and Telecommunication Project department at Saudi Arabian Railway company (SAR) managing the new project (S&T120-130-320) initiation and planning. The main duties include:

- Prepare the Request for proposal (RFP) for the New Project.
- Manage all the process of tendering.
- Evaluating bidders.
- Evaluate the snag list of NSR (previous project).
- Prepare the Request for proposal (RFP) for maintenance contract.
- Factory Acceptance Tests of suppliers.
- Create a Statement of Work (SOW) and Project Charter.

November 2013-January 2015

I worked at Saudi Arabian Railway company (SAR) in the Signaling and Telecommunication Project department as Resident Engineer (Site Engineer) for NSR project (2750KM) who manage execution and closure phases of the project. The main duties include:

- Execute and implement the S&T equipment allover CTW100 (about 600KM) and interface with other parties.
- Testing and commissioning for all the S&T system.
- Guarantee the implementation quality of S&T equipment's on the site.
- Factory Acceptance Tests for power supply, Fiber Optic Cables, CCTV, Panorama Projector, and signaling point machine.
- Prepare the closing process.

2001 – 2007

Worked on Hadania Corporation on Loran-c project at the Ministry of Ports Authority

- Watch stander, which is watching the Loran-c and GPS, SPS, DGPS combined stations and keep the signal in the right range.
- Implement power projects for substation plant (step up & step down station).

July, 2003- September 2003

Worked at King Faisal Specialist Hospital in Electrical maintenance department (Co-Operative Training).

- Maintain and rewind 3-phase alternator.
- Preventive maintenance (lights, socket,etc).

Additional Skills

Certification:

Certified from Saudi Council of Engineering (SCE).

Scrum Fundamentals Certified (SFC).

6Sigma Yellow Belt Certification

Training:

‘Practical workshops in resolving building and construction contract disputes’ SCE & GCC Commercial Arbitration Centre (2018).

‘FIDIC contracts - conditions, claims and settlement’ SCE & GCC Commercial Arbitration Centre (2018).

‘The arbitration task and the contracts provisions of contracting’ SCE & GCC Commercial Arbitration Centre (2018).

‘PMP-on PMBOK 6th Edition’ Vinsys (2018).

‘Leadership Skills’ MEIRC (2016).

‘Presentation Skills’ MEIRC (2016).

‘Self Management’ MEIRC (2016).

‘Project Management Skills’ MEIRC (2016).

‘Writing Business Reports’ MEIRC (2016).

‘Managing People and Measuring Performance’ MEIRC (2016).

‘Engineering Training Program for Solar System’ Gulfnet (2015).

‘Generator Technical Training 60Hz’ GENMAC (2015).

‘FIDIC-Red & Yellow Book’ Projacs (2015).

‘PMP Training’ COPEX (2015).

‘System introduction ERTMS Level 2 for manager’ THALES University (2014).

‘Electrical Control & Monitoring System (ECMS): Substation Automation Systems’ Haward Technology Middle East (2014).

‘OVC/AVC’ in-house.

‘LAN/WIFI’ in-house.

‘Signaling - Rolling Stock Management/Detection (RSM/RSD)’ THALES (2014).

‘The Saudi Position System Training Program’ Megapulse of Billerica Massachusetts (2005).

Skills:

Microsoft Office, Maple, Pspice, Labview software, and Microsoft Project. Speaking, writing, and reading two languages fluently (Arabic and English)

Achievements

Selected for SAR Leadership Development Program “LDP” on 27/8/2017.

Nominated for SAR Succession Management Program “SMP” 1/1/2017.

My graduation project “Accident Sensor & Tracing” has been selected to participate on FIT projects showcase 2013 for senior design and I was the team leader.

Named to the Dean's List (<3.4 out of 4) for last two semesters at FIT.

Achieve a Math reword form CAAP (Collegiate Assessment of Academic Proficiency) while attending SDSMT (South Dakota School of Mines and Technology).

Awarded full scholarship from Saudi government.

Reference

References Available Upon Request.