**Kamal**

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**CAREER PROFILE** A self motivated competent electrical engineer having diversified experience in the fields of Energy / Utilities and Projects delivery. Executing planned and preventive maintenance of distribution networks; area planning/bifurcation of distribution network system in accordance with load requirements; managing and estimating the budgets of all the ongoing and future projects; supervision and reporting of day to day activities, dealing with the customers and head offices, setting/meeting the targets are named few. As an Assistant operations manager and electrical engineer, I have successfully administered, planned, and executed several projects. Promoted and implemented safety culture by adopting safety standards and policies. Maintained a clean and enjoyable working environment by organizing, arranging and coordinating meetings effectively and efficiently at lower and upper levels.

**QUALIFICATIONS**

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| **BSc. (Hons) Electrical Engineering**  University of Engineering and Technology, Lahore - Pakistan | 2007- 2011 |

**KEY AREAS / EXPERTISE**

Electricity Utilities system Project Management

Site Supervision and execution of projects Ability of handling multiple projects

People Management Asset Management

Contractor Management Inventory Management

Quality assurance Tendering Process

Maintenance Planning Preparing Cost Estimates

**IT SKILLS**

MATLAB

Power World Simulator

AutoCAD

MS Office (Word, Excel ,Power Point, Outlook, Project)

**PROFESSIONAL EXPERIENCE**

**Organization: Lahore Electric Supply Company Limited.(LESCO) Sep 2015 to Oct 2017**

LESCO is the biggest electricity distribution company within the power sector of Pakistan having more than 6000 employees. It provides electricity distribution services, customer service, improvements in distribution network, issuance of electricity bills and load management services.

**Designation: Assistant Manager (Electrical)**

**Job description:**

* Ensuring uninterrupted Electricity supply to the consumers and clearing out any faults occurring on LV/HV lines in minimum duration of time.
* Doing inspection of various equipments/materials installed on electricity distribution and transmission feeders to point out any defects/discrepancies.
* Defining scope of work and rectifying defects/discrepancies on the HV/LV electricity feeders to avoid tripping and breakdowns of electricity supply.
* Doing planning with regards to adding branches, area planning and bifurcation of existing sub transmission and distribution electricity feeders.
* Ensuring load management by preparing /executing LV and HV proposals for increasing transformer capacity and conductor replacement.
* Planning and executing projects starting from cost estimation, budget approval, tendering process, engagement of contractor and sub contractor.
* Creating and reviewing work packs, risk assessments, SWMS, and subcontractor mobilization plans.
* Providing an interface and planning with other project disciplines to ensure uninterrupted and safe execution of work.
* Doing site visits for monitoring progress of work and quality checking to ensure projects are implemented as per plan, design and specifications as well as completing quality documents.
* Site Supervisions of ongoing projects and preparing progress reports on weekly and monthly basis for submission to higher ups.
* Scheduling and prioritization of activities to optimize time and resource utilization.
* Reviewing budgets of ongoing projects and forecasting any future deviations as well as compilation and control of project documentation.
* Liaison with contractors, suppliers, higher ups and other stake holders during ongoing projects for smooth and timely completion.
* Arranging meetings with contractors, suppliers and other stake holders regularly to discuss progress of work and providing technical support for resolving any problems arising at site.
* Promoting and implementing safety culture by adopting safety standards and policies for safe operation at work stations.

**Projects:**

* Rehabilitation/up gradations of Electricity sub transmission and distribution feeders of LESCO to reduce line losses and load requirements.
* Replacement of damaged cross arms, insulators, conductors and structures on Distribution Network feeder of LESCO to avoid tripping and line losses.
* Launching of ERP system to streamline the material such as meters, conductors etc drawn from the store and installed at site.
* Installation of Transmission Lines network at different sites of LESCO Jurisdiction to link the secondary transmission system with primary distribution.

**Achievement:**

Got the Award of Best Assistant Manager for the year 2016-2017 for achieving KPI’s set out for the year.

**Organization: Parks and Horticulture Authority, Lahore. May 2012 to Sep 2015**

Parks and Horticulture Authority, Lahore has more than 3000 employees and It executes engineering works such as installation of colorful LED lights, installation of irrigation system with different capacity of motors. Further, it specializes in doing engineering Projects works for beautification and view enhancement of outdoor sites.

**Designation: Assistant Director Electrical**

**Job description:**

* **Preparation of cost estimates** for the projects related to the installation of LED lights, solar panels, and motors as well as for the repair/upkeep of the existing illumination systems and irrigations systems.
* Calculating the capacity of the submersible and vertical line motors keeping in view the requirements of the irrigation system at different sites.
* Preparation of the site plans and layout plans showing the routes of underground cables, locations of flood light poles and motors.
* Supervision and Monitoring of the ongoing projects regarding solar powered LED lights, LED lights powered by conventional sources of energy and installation of irrigations systems for their completion within the stipulated period and submission of the progress reports on weekly and monthly basis to the seniors on a regular basis.
* Verification of quality and quantity of ongoing works by performing the relevant checks on the field as well as checking through laboratory tests.
* Arrangement for the repair/maintenance of already executed illumination works and installed motors for irrigation purposes and operation of the fountains.
* Installation/provision of electrical connections along with transformers of various capacities as per the required load of the lights and motors through Lahore electric supply company (LESCO).
* To arrange meetings with LESCO for Reconciliation of issues regarding electricity dues such as erroneous billing on behalf of the department.

**Projects:**

* + Project of illuminating Bagh e Jinnah Pakistan through different lights with both underground and overhead wiring networks.
  + Project of installation and operation of Solar powered LED lights including solar panels , batteries and other allied accessories at Airport Park, Lahore.
  + Project of Installation and operating submersible electric motor pump and sprinkler irrigation system.
  + Installation of conventional lights with underground wiring network at race Course Park, Lahore.
  + Project of Installation and operation of vertical line Turbine motor and irrigation system at Jallo Botanicalgarden, Lahore

**Achievement:**

Got the Award of Best Assistant Director Electrical for the year 2012-2013 for achieving the set targets of doing works/projects.

**Organization: Tetra Pak, Pakistan Aug 2011 to May 2012**

Tetra Pak is a multinational food packaging and processing Company, with head offices in Lund, Sweden, and Lausanne, Switzerland. The company offers packaging, filling machines and processing for dairy, beverages, cheese, ice-cream and prepared food, including distribution tools like accumulators, cap applicators, conveyors, crate packers, film wrappers, line controllers and straw applicators.

**Designation: Trainee Engineer**

**Job description:**

* Getting comprehensive hands-on operational training in all the sections and processes involved in the factory,i.e., Pre-Press section, press section, laminator, finishing, and straw section.
* Worked as a project engineer in the capacity enhancement project of the straw making section where the primary responsibilities were installation and commissioning of straw making machines as well as placing orders for various spare parts.
* Selecting the size and length of electric cables as per the load of the machines as well as cable laying for connecting the machinesto the powerhouse.
* Monitoring daily production of the straw section, managing the shifts, achieving production and quality targets.
* Smooth operation of the machines by following the routine maintenance procedures of electrical components of the machines, ensuring continuous supply of power to the machines and maintaining the inventory of the necessary electric components.
* Troubleshooting faults in the electric components (sensors, relays, electric control units, electric wiring) of the machines and their rectification in the least possible time duration to avoid production loss.
* Following the required safety and hygiene standards as well as maintaining 5S within the premises of the production floor.
* Visits to customer’s factories to inquire about any issues being faced by them related to quality and the rectification of these problems by making adjustments in the production process.

**Projects:**

Capacity Enhancement of straw section in Tetra Pak, Pakistan Factory.

**PROFESSIONAL CERTIFICATIONS**

Certificate course on "Health Safety and Environment" by Lahore Electric Supply Company Ltd.

Certificate regarding Time Management skills.

Workshop on solar energy system.

Certificate of internship at WAPDA Engineering Academy Faisalabad, Pakistan.

**REFERENCES**

Will be furnishd upon request.